NORTON
SAINT-GOBAIN

clipper®

ABRASIVE SOLUTIONS

BUILDING & CONSTRUCTION

2020

Reshaping your world®



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Reshaping your world®

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Tile Saws	Masonry Saws	Floor Saws	Handheld Cut-Off Saws	Drill motors & Drilling rigs	Power Floats	Wall Chasers, Grinding machines & Dust extraction
87	99	121	135	141	159	167

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RESHAPING THE FACE OF CONSTRUCTION

NORTON CLIPPER PROVIDES A ONE-STOP SHOP FOR ALL CUTTING, DRILLING, GRINDING AND SANDING JOBS WITHIN THE BUILDING AND INDUSTRIAL CONSTRUCTION MARKETS.

From residential and habitat projects to large scale civil engineering ventures and everything in between – we can equip you with the safest and highest performing construction blades, machines and abrasives that not only help to improve your personal comfort but contribute to a greener environment.

It was Norton Clipper that revolutionised the building and construction industry with the invention of the world's first laser welded diamond blade. Since then, we have continued to innovate: our award winning silent blades are perfect for noise-sensitive areas like hospitals, schools, offices, residential spaces and city centres. The introduction of infiltrated High Density technology (i-HD™), the latest revolution in diamond tool manufacturing, providing unrivalled performance, greater comfort, lower energy production and improved safety, which is second to none.

Additionally, Norton Clipper boasts the widest range of diamond tools for cutting the most common surfaces: reinforced concrete, granite, tiles, stone and asphalt. We're well known for supplying high performance machines including: masonry, floor, tile and handheld saws, core drilling equipment, floor grinders and power trowels. Whatever your trade, we can offer you safe, high quality construction blades, machines and abrasives to help you build, renovate and improve our habitat.

THE NORTON CLIPPER IDENTITY

In recent years Norton Clipper has been completely revitalised. Through significant brand investment, we have improved and modernised machine livery and our packaging design to enhance the brand's unique identity. The Norton Clipper orange is unmistakable, instantly recognisable and synonymous with quality.




NORTON
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CS 451
NORTON
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DIAMOND TOOL QUALITY TIERING

Within the Clipper diamond tool range, we offer a choice of three performance levels, adapted to the requirements of our customers. Quality tiering is clearly communicated through the range names: Extreme, Pro and Classic, which are supported on the packaging by the number of quality diamonds located underneath the names.
An additional performance indicator on the sleeve quickly and effectively indicates Pro and Extreme products.



CLASSIC

CLASSIC: good quality versus performance ratio for occasional use.

PRO

PRO: professional quality for frequent use, designed for high performance and great productivity.

EXTREME

EXTREME: the most innovative Norton Clipper blades, with the fastest and smoothest cutting speeds and extremely long life, for the heaviest use.

SELECTING THE RIGHT BLADE FOR YOUR MATERIAL

To make selecting the right blade as easy as possible, our material colour coding system has been applied to all of our packaging.

- BETON / CONCRETE
  Extreme, Pro, Classic
- UNIVERSAL
  Extreme, Pro, Classic
- ASPHALT
  Extreme, Pro, Classic
- CERAMIC
  Extreme, Pro, Classic
- NATURAL STONE
  Extreme, Pro
- 4X4 EXPLORER
  Pro
- REFRACTORY
  Extreme, Pro



PRODUCT NAME CONVERSION CHART

DIAMOND BLADES

EXTREME PRO CLASSIC

FORMER NAME	NOW
UNIVERSAL BUILDING MATERIALS	
FMD Duo	Extreme Universal Laser
Duo BS-15	
BS Silencio	Extreme Universal Silencio
Euro ZML Evo	Pro Universal Laser
Alfa	
Pro BS-12	
Classic Laser	Classic Universal Laser
Classic BS-10	
Classic Uni	Classic Universal
Aero Jet Evo	Extreme Universal Turbo
Euro Jet	Pro Universal Turbo
Classic Jet	Classic Universal Turbo
Multi-runner	Pro Universal Ductile
TP-Z	Extreme Universal TP-Z
TP Mortar Raker	Pro Universal TP
TP-V Crack Chaser	Pro Universal TP-V
Extreme CG Extreme CG	Extreme CG
Pro CG	Pro CG
Classic CG	Classic CG
Pro CG-PCD Low Vibration	Pro CG-PCD Low Vibration
Classic CG-PCD	Classic CG-PCD
Cut' N Grind	Extreme Cut' N Grind
	Pro Cut' N Grind
GRANITE, MARBLE & NATURAL STONES	
Duo Granit +	Extreme Granite
Granito	Pro Granite
Granit Turbo Laser	Pro Granite Turbo
Marmo Pro	Pro Marmo
Pro Surf	Pro Marmo Surf
Super Stradalit Evo	Extreme Stradalit

FORMER NAME	NOW
CONCRETE	
Duo Extreme +	Extreme Beton
Vorax	
Silencio	Extreme Beton Silencio
Super Beton Evo	Pro Beton Soft
ZDH 500	Pro Beton
ZDH Duo Ø230mm	
Classic Beton	Classic Beton
Classic Turbo Laser	Classic Beton Turbo
V-Max III	Extreme Beton Wall Saw
V-Max II Silencio	Extreme Beton Silencio Wall Saw
Revex LB	Extreme Beton LB
ABRASIVE MATERIALS	
Duo Asphalt +	Extreme Asphalt
Platinum	
Platinum LB	Extreme Asphalt LB
Super Asphalt Evo	Pro Asphalt
Classic Asphalt	Classic Asphalt
M45 Evo - Green Concrete	Pro Green Concrete
Xenon 6 Black	Extreme Green Concrete
MULTI MATERIALS	4x4 Explorer + / Pro 4x4 Explorer
CERAMIC AND PORCELAIN TILES	
Super Gres XT Evo	Extreme Ceramic Turbo
Super Gres XT	
Classic Ceram XT	Classic Ceramic Turbo
Ceram XJ	Extreme Ceramic
MD 110 CD	Pro Ceramic
MD 120 C	
Classic Ceram	Classic Ceramic
Pro Glass	Pro Ceramic Glass
REFRACTORY MATERIALS	
RC400	Extreme RC400
RC465	Extreme RC465
RC525	Extreme RC525
RC540	Extreme RC540
RC575	Extreme RC575
ZDH500	Pro beton
ZDM200	Pro ZDM200
ZDM944T	Pro ZDM944T

DRILLING COREBITS

	FORMER NAME	NOW
CONCRETE	X3	Extreme CB Beton
	Pro CB Beton	Pro CB Beton
	Pro CB Beton (crown)	Pro CB Beton Crowned
	Pro CB Beton XT	Pro CB Beton XT
	Classic CB Beton	Classic CB Beton
	Classic CDT	Classic CB Beton Soft
	ROBO Forsheda	Pro CB Beton ROBO
UNIVERSAL BUILDING MATERIALS	DD5 Gold	Extreme CB Universal
	Arid 7	Pro CB Universal
	Arid 5	Classic CB Universal
	Pro Arid DS	Pro DS
	Classic Arid DS	Classic DS
ABRASIVE MATERIALS	X5	Extreme CB Asphalt
NATURAL STONE & TILES	Pro Ceram VB dry	Extreme VB
	Diamond Tile Drills	Classic VB
	Pro CB Granit	Pro CB Granit

NOMENCLATURE OF MACHINES

NAMING STRUCTURE EXAMPLE – **TT180**:

[Machine Type]	[Key Dimension]	[Version Number]
[**T**ile **T**able Saw]	[**180**mm diameter]	[version 0]

TILE SAWS

MACHINE NAME	MEANING
TT180	Tile Table Saw ø180mm - version 0
TT200	Tile Table Saw ø200mm - version 0
TT251	Tile Table Saw ø250mm - version 1
TR202	Tile Rail Saw ø200mm - version 2

MACHINE NAME	MEANING
TR232 S	Tile Rail Saw ø230mm - version 2 - short cutting length
TR232 L	Tile Rail Saw ø230mm - version 2 - long cutting length
TR252	Tile Rail Saw ø250mm - version 0

MASONRY SAWS

MACHINE NAME	MEANING
CM 35 mini clipper	Clipper Masonry Saw ø350mm - direct shaft - version 0
CGW	Clipper version G Wet (Masonry saw) ø350 - direct shaft
CM352	Clipper Masonry Saw ø350 - 1st generation
CM42 compact	Clipper Masonry Saw ø400 - direct shaft
CM400 junior	Clipper Masonry Saw ø400 - indirect shaft - version 0
CM401	Clipper Masonry Saw ø400 - indirect shaft - version 1
CM501 major	Clipper Masonry Saw ø500 - indirect shaft - version 1
CST120 UNO	Clipper Stone Saw - Cutting length 120 cm - basic version - version 0
CST100	Clipper Stone Saw - Cutting length 100 cm - version 0
CST120	Clipper Stone Saw - Cutting length 120 cm - version 0
CST150	Clipper Stone Saw - Cutting length 150 cm - version 0

MACHINE NAME	MEANING
CST120 ALU	Clipper Stone Saw - Cutting length 120 cm - aluminium - version 0
CST150 ALU	Clipper Stone Saw - Cutting length 150 cm - aluminium version - version 0
ISM	Clipper Industrial Saw
ISC	Clipper Industrial Saw
CM501	Clipper Masonry Saw ø500mm - version 1
CM70 ALU	Clipper Masonry Saw ø700mm Aluminium - version 0
JUMBO 651	Clipper Jumbo Masonry Saw ø650mm - version 1
JUMBO 900	Clipper Jumbo Masonry Saw ø900mm - version 0
JUMBO 1000	Clipper Jumbo Masonry Saw ø1000mm - version 0
CMV 1000 verto	Clipper Masonry Saw Vertical ø1000mm - version 0
CM 1000 jumbo	Clipper Masonry Saw ø1000mm - version 0
CB311	Clipper Band Saw cutting height 311mm
CB511	Clipper Band Saw cutting height 511mm
CB651	Clipper Band Saw cutting height 651mm

FLOOR SAWS

MACHINE NAME	MEANING
C51	Clipper street
CS451	Clipper Street ø450 - version 1
CS1	Clipper Street - version 1

MACHINE NAME	MEANING
CSB1	Clipper street - version 0
CS7,5	Clipper Street Saw 7,5 kW
Speedy Cart	Clipper trolley for petrol saw

HANDHELD CUTT-OFF SAWS

MACHINE NAME	MEANING
CP512 300	Clipper Petrol Saw 5kW 300mm - version 0
CP514 350	Clipper Petrol Saw 5kW 350mm - version 0

MACHINE NAME	MEANING
CE414 350	Clipper Electric Saw 4kW 350mm - version 0

DRILL MOTORS & DRILLING RIGS

MACHINE NAME	MEANING
CDM163	Clipper Drill Motor ø160mm - version 03
CDM203	Clipper Drill Motor ø200mm - version 03
CDM253	Clipper Drill Motor ø250mm - version 03
CDM353	Clipper Drill Motor ø350mm - version 03
CDR133	Clipper Drill Rig ø130mm - version 03

MACHINE NAME	MEANING
CDR163	Clipper Drill Rig ø160mm - version 03
CDR253	Clipper Drill Rig ø250mm - version 03
CDR353	Clipper Drill Rig ø350mm - version 03
CDP 300 & 350 ROBO	Clipper Drill Petrol ø300-350mm - version 0

POWER FLOATS

MACHINE NAME	MEANING
CT 601	Clipper Trowel ø600mm - version 01
CT 901	Clipper Trowel ø900mm - version 01

MACHINE NAME	MEANING
CT901 HP	Clipper Trowel ø900mm - version 01
CT 1201	Clipper Trowel ø1200mm - version 01

WALL CHASERS

MACHINE NAME	MEANING
SC181	(Clipper) Saw ø180mm - version 01
SC401	(Clipper) Saw ø180mm - version 02

MACHINE NAME	MEANING
CG125	Clipper Grinder (machine) ø180mm - version 01
CG180	Clipper Grinder (machine) ø125mm - version 01
CG252	Clipper Grinder (machine) ø250mm - version 02

DUST EXTRACTION

MACHINE NAME	MEANING
CV402	Clipper Vacuum (cleaner) 400m^3/h - version 02

MACHINE NAME	MEANING
CV360	Clipper Vacuum (cleaner) 360m^3/h - version 00

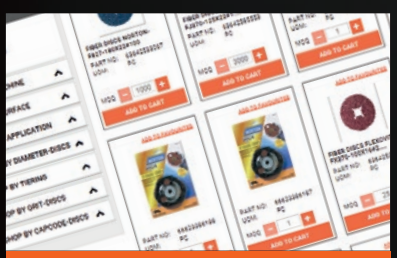
WE'RE MAKING IT EVEN EASIER TO ORDER OUR GREAT PRODUCTS



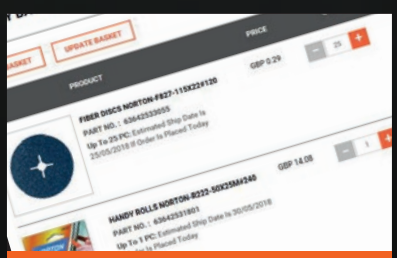
Introducing the **NEW** online ordering system from Saint-Gobain Abrasives - **MyAbrasives**

Our new user-friendly ordering system works very much like online retailers you use every day, making it much easier to navigate and get what you need, whether it's ordering, tracking or research.

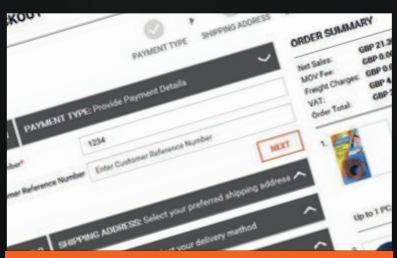
With MyAbrasives, the ordering process is now so simple:



Search for your product



Add to basket



Go to checkout

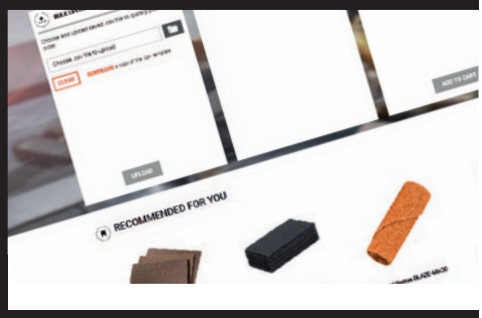
myABRASIVES

THE NEW SYSTEM MAKES ORDERING EASIER:

1. Detailed product information and specifications, including images and videos
2. Access to order confirmations, product availability and delivery lead times
3. Available from smartphones, tablets and PCs 24/7
4. Automatically creates a list of most frequently ordered products for ease of future ordering
5. Save favourite lists to make ordering quicker and easier







MYABRASIVES OFFERS GREATER FLEXIBILITY WITH NEW FEATURES AND SERVICES INCLUDING:

- **Product search:** you can now search by UPC, name, category, EAN number and filter and sort search results, making it much easier for you to find what you need
- **Order history and reordering:** you'll be able to see your past orders across all platforms (EDI, ABx, phone and fax) and these can also be easily re-ordered. Invoices, debit/credit notes and shipping status will also be visible in the 'Order History' section so you can be sure all of your paperwork is safe in one place
- **Quotes:** you can now request and track quotes in MyAbrasives rather than having to contact the customer services team separately
- **Saved orders:** you can save orders for future reference by putting multiple items in your cart and saving it, e.g. as 'Monthly Order'. You can also add a note to indicate the order frequency, e.g. 'order every month except December' and save it so you can re-order quickly and easily
- **Bulk orders:** if you need to make a bulk order, you can upload a CSV file directly into the system rather than having to search for each product individually
- **Recommended for you:** a new feature showing related products you may need to order
- **Extra support:** navigate the new system with FAQs and how-to videos or contact our dedicated helpline

Register today
To register call your local customer service team and start using MyAbrasives today.

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DISCOVER MORE FROM OUR EXPERTS,
FIND MACHINE SPARE PARTS AND
ACTIVATE YOUR GUARANTEE ONLINE AT **www.nortonabrasives.com**

NORTON CLIPPER SPARE PARTS WEBSITE

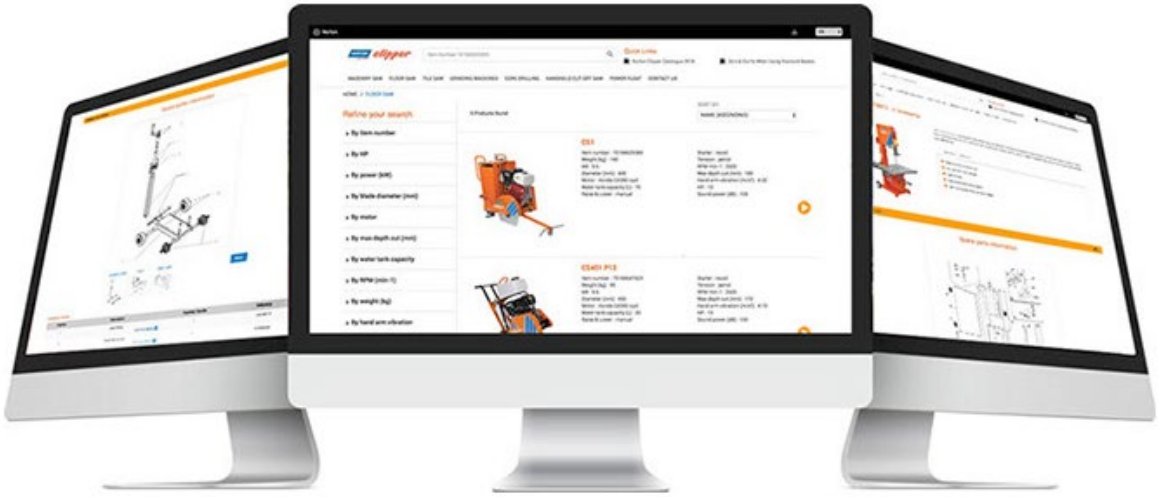
A vast library of replacement parts is now available at your fingertips with the Norton Clipper spare parts website. With our quick search and easy navigation, finding the ideal part for your machine has never been simpler.

The majority of Norton Clipper machines also feature a QR code that links to the spare parts website; helping you to find the correct spare part on your mobile phone.

The website also provides 24-hour access to important documents for each machine, such as brochures, spare part list manual, safety manuals and videos.

https://spareparts.nortonabrasives.com

Please note: The website is only available in French, German and English, with plans to expand to other languages in the near future.



A COMPLETE RANGE

A leading abrasive brand in the construction industry for over 50 years with performance optimised machines and diamond cutting tools, the Norton Clipper range is now extended to include abrasives for hand, machine & floor sanding, cutting discs and grinding wheels, providing a complete offering for all applications in the construction industry.



CUTTING DISCS & GRINDING WHEELS

For use on multiple materials including steel-inox, steel and stone.



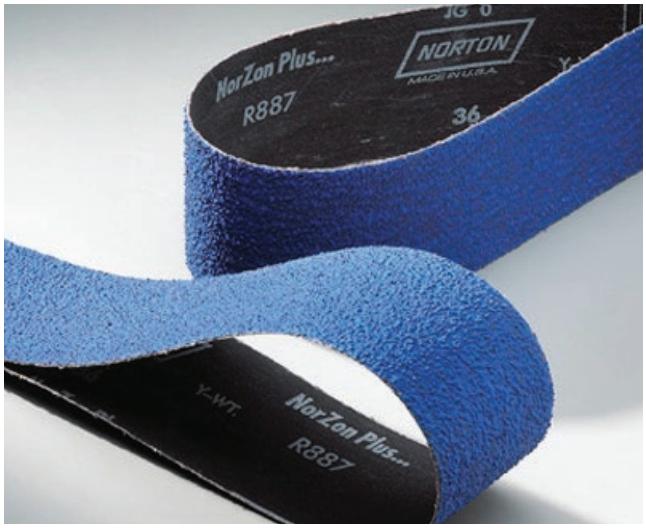
MACHINE SANDING

Abrasives for belt machines, eccentric, orbital, delta sanders and angle grinders.



HAND SANDING

Whether sanding wood, paint, metal, plaster, filler or varnish, a specialist product is available. All sanding sheets featured can be used by hand or with a sanding block.



FLOOR SANDING

A selection of belts and discs in a variety of grits and sizes for dimensioning, intermediate grinding and polishing applications.

INNOVATIONS

DELIVERING INNOVATIVE EXCELLENCE

Investing in R&D, stimulating the generation of new ideas, and increasing the speed at which cutting-edge science is transformed into market-ready products, are key priorities for Norton Clipper.

Product innovations are clearly highlighted throughout this catalogue. Norton Clipper's innovative approach is just one of the reasons for its position as the world's leading manufacturer of abrasives; specialising in everything from light equipment to diamond tools for building and construction.

Cutting edge innovation like the i-HDTM diamond blades are among the longest lasting and fastest blades in the market: our i-HDTM manufacturing process guarantees customers unrivalled performance and safe operation.

Norton Clipper's multi award winning Silencio blades are recognised as the quietest blade worldwide (up to 30x noise reduction compared with a standard blade) whilst maintaining premium cutting performance. The patented Norton Clipper ellipsoidal gullets also increase the safety aspect of the product by reducing the risk of cracking the steel centre.



i-HD™ TECHNOLOGY

Norton's Infiltrated High Density technology (i-HDTM) combined with its patented diamond blades laser-welding process is the biggest breakthrough in diamond tools this century.

Through many years of research and development this revolutionary process delivers unrivalled performance, increased safety, lower energy manufacturing and a wide choice of segment design.

1. Form the segment core structure
2. Infiltrate the segment pores with unique bonding agent.

RESULT: A composite material with enhanced properties for limitless segment design.

Infiltration achieves high uniform density across each whole segment without applying high pressure. This allows Norton Clipper to manufacture extremely robust segments which wear evenly, remain intact and perform well at higher cutting speeds.

The diamond grit is an integral part of the segment structure. During the patented process a special bond impregnates the core structure and binds the diamond grit into the segment. This ensures optimum use of the diamond grit, giving the diamond tools a long product life.

i-HD™ TECHNOLOGY





SILENCIO

Residential areas, city centres, schools and hospitals are especially sensitive to noise, with more and more local regulations preventing excessive noise pollutions.

With up to 17mm high segments and a bespoke specification for each application, Norton Clipper Silencio is our most efficient diamond blade for granite, concrete and general purpose materials, while protecting the surrounding area from disturbing cutting noise.

CDP ROBO 300 & 350

Norton Clipper's new compact and lightweight petrol drilling machine enables you to work in confined space environments, ideal for drilling concrete pipes in trenches.

Also featuring an easy setting by column swing and pre-defined 45° and 90° positions. Delivered with accessories.

DID YOU KNOW?

Hand-Arm Vibration syndrome can be caused by excessive use of power tools such as hand-held cut-off saws or grinding machine. With this in mind, Norton Clipper has developed CS451 and EXTREME CG Comfort both of which reduce vibration levels and optimise operator comfort with built-in vibration dampening technology.





CS451 FLOOR SAW

Robust, functional and reduces vibration levels by 40% for improved user comfort.

Optimised weight distribution for outstanding cutting performance, wet or dry.



EXTREME CG Comfort

The latest development in grinding cup technology. Allows you to work 4x longer!

Once you have tried it, there is no going-back!

HAND-ARM VIBRATION LEVEL GUIDE

Hand / arm	**< 2,5 m/s²**	⩾ 3,5 m/s²	⩾ 4,5 m/s²
Body	**< 0,8 m/s²**	⩾ 1,15 m/s²	⩾ 2,5 m/s²
Work time	**8** hours	**4** hours	**2** hours

PRODUCT QUALITY STANDARDS & USER SAFETY ON SITE



DIAMOND TOOLS, CUTTING DISCS & GRINDING WHEELS

Products that rotate are of particular danger and at Saint-Gobain Abrasives we take every precaution to ensure your health and safety is always at the heart of everything we do. Safety & quality are our priority and all Norton Clipper diamond tools & abrasives are manufactured to the most stringent European health, safety & environmental standards for use in the toughest construction environments.

oSa - ORGANISATION FOR SAFETY OF ABRASIVES

Saint-Gobain Abrasives is one of the founding members of the Organisation for Safety of Abrasives (oSa). All member companies of oSa have to implement strict manufacturing, safety and quality standards that comply with the requirements of EN13236 and EN12413, and are regularly audited to ensure conformity. The oSa symbol displayed on an abrasive or diamond product is a further guarantee to the user of product safety and quality.

EN13236 - STANDARDS FOR DIAMOND TOOLS

The European Standard EN13236 governs the safety requirements for super abrasive (diamond) products. User safety has always been Norton Clipper's top priority. Norton Clipper and Saint-Gobain Abrasives have taken an active role in the compilation of this safety standard, through the FEPA, the Federation of European Producers of Abrasives.

EN12413 - STANDARDS FOR CUTTING DISCS & GRINDING WHEELS

This standard highlights that these types of cutting discs and grinding wheels have a use by date. This "use by" date must be permanently marked into the central metal rim of every disc.

SNAS

The Syndicat National des Abrasifs et Super Abrasifs (National Union of Abrasives and Superabrasives) are a professional body within the European abrasives sector of which Norton Clipper is a member. SNAS represent 35 companies within France and are primarily focussed on promoting the safe use of abrasives and supporting the ethical development of its members.

FEPA

Norton Clipper are proud to be an active member of FEPA – the Federation of European Producers of Abrasives. This association is a World leading body in the abrasives industry, representing the European markets and continually informing its members on the evolution of the regulatory frameworks globally. FEPA also supports its members with a wide range of technical, legal and scientific services, to ensure that they are able to anticipate future challenges within the abrasives sector.



MACHINES

We provide operating devices which both comply with safety standards and ensure high level of performance even in difficult conditions. Our machines comply with the following European Directives:

EUROPEAN DIRECTIVE 2006/42/EC ON MACHINERY

This Directive provides the regulatory basis for the harmonisation of the essential health and safety requirements for machinery at European Union level. It guarantees a high level of protection to EU workers and citizens.

LOW VOLTAGE DIRECTIVE 2014/35/UE

Part of our product range includes electrical motors, and our design complies with Low Voltage European directives. As for all directives, we go further than mandated instructions to provide our customers highly reliable and safe working conditions.

ELECTROMAGNETIC COMPATIBILITY DIRECTIVE 2014/30/UE

In the construction business,Norton Clipper machines are used in many places, close to either professional or domestic equipment which can be sensitive to electromagnetic disturbances. We take this risk into account and can ensure that our design complies with Electromagnetic Compatibility European Directive.

SAFETY REGULATIONS & STANDARDS

Saint-Gobain Abrasives is actively involved in the elaboration of specific Safety Regulations and Standards like type C harmonized European standards issued from the European Directive 2006/42/EC on machinery:

EN 12418 Masonry and stone cutting-off machines for job site - Safety

EN 13862 Floor cutting-off machines – Safety

EN 12348 Core drilling machines on stand – Safety

SO 19432 Portable, hand-held, internal combustion engine driven cut-off machines

MERCHANDISING SOLUTIONS

Norton Clipper branded display kits feature a selection of components that can be tailored to different product and merchandising requirements. Additionally we offer a range of portable displays and a suite of point-of-sale graphic templates.

STANDS DISPLAY KITS



DISPLAY KITS

The complete kit comes with all components needed to create a full display for all Norton Clipper products.

KIT CONTAINS: Base x1, pegboards x4, header x1, shelf x1, legs x2, single pegs x20, euro hooks x15

DESCRIPTION	QTY	ITEM No.	PRICE (€)
Complete kit with light	1	410048416	###,##
Complete kit without light	1	410048415	###,##

ACCESSORIES

Accessories can be ordered separately if required.

NORTON CLIPPER HEADER WITH LIGHT



NORTON CLIPPER HEADER WITHOUT LIGHT



SHELF



DRILL MOTOR HOOKS x2



EURO HOOKS x35



COREBIT HOOK 1"1/4F & 1/2"M up to Ø150mm



DESCRIPTION	QTY	ITEMNo.	PRICE (€)
Header with light	1	410082634*	###,##
Header without light	1	410082633*	###,##
Shelf	1	410059872*	###,##
Drill motor hooks x2	1	510116152*	###,##
Eurohooks x35	1	410081866*	###,##
Core Drillhook	1	510120422*	###,##

*Made to order

POINT-OF-SALE GRAPHICS

A complete set of graphic templates have been created for each of our product ranges per market. As our product portfolio varies per customer, language, and country, our point-of-sale templates can be adapted to cater for all requirements. For information about tailored designs please contact your local sales representative.

POINT-OF-SALE GRAPHICS
Graphic templates can be adapted to suit your requirements.
For information about tailored designs please contact your local sales representative.

EXAMPLE TEMPLATES

HEADERS



BUS STOPS





DISPLAY STANDS



DRILLING STAND

Drilling Motor POS graphics available on request

KIT CONTAINS:
Base x1, pegboard with 2 sides, shelves x3, drilling motor hooks x8, euro hooks x10

H: 2295mm x W: 1000mm x D: 1000mm

ITEM No.	QTY	PRICE (€)
510116151	1	###,##



DIAMOND BLADE DISPLAY STAND

Portable display for diamond blades

KIT CONTAINS:
Header x1, hooks x6, top panel x1, side panel x2

- H: 1850mm x W: 430mm x D: 560mm

ITEM No.	QTY	PRICE (€)
MTO	1	###,##



COUNTER TOP DIAMOND CUP DISPLAY

Countertop portable Cup grinder display.
Available in multiple languages.
125mm Diamond cup grinder to be purchased separately.

L: 70mm x H: 280mm x W: 190mm

ITEM No.	LANGUAGE	QTY	PRICE (€)
00510126407	EN	1	###,##
00510132942	DK	1	###,##
00510132994	NO	1	###,##
00510146486	PT	1	###,##
00510132943	SW	1	###,##
00510129655	DE	1	###,##



UNIVERSAL DISPLAY

Portable display for Petrol Saws (CP500), tile saws, drill motors, grinding machines with English point-of-sale graphic

KIT CONTAINS:
Base x1, header x1, shelf x4, pins x2, euro hooks x4

H: 1600mm x W: 1200mm x D: 800mm

ITEM No.	QTY	PRICE (€)
510109555	1	###,##



TILE SAWS CORNER

The ideal shop-in-shop solution for your Clipper tile saws. Composed of a large metal table, with a totem on top for displaying literature and diamond tools.

Tile saws up to TR201E can be stored beneath the table for take-away.

1 table + 0,8m tall totem = 2m² floor space

ITEM No.	QTY	PRICE (€)
510085218	1	###,##





LOCKABLE HOOKS

For the 2x1m wall display: long hook with lockable with padlock, suitable for diamond blades and abrasive cut-off wheels.

For the clipper corner: short lockable hook with key.

DESCRIPTION	ITEM No.	PRICE (€)
1) Safety lockable hooks for the wall display 1x2m	510018714	###,##
2) Safety lockable hooks for the Clipper corner	510080899	###,##

NORTON CLIPPER "TENT"

High quality and easy to assemble, 3x3m tent, constructed with an aluminium frame to give a total weight of 32kg.

Ideal for trade fairs.

ITEM No.	QTY	PRICE (€)
00510146568	1	###,##



GOODIES



NORTON CLIPPER MUG

High quality ceramic mug printed in full colour. Dishwasher safe.

- Diameter: 8.00 cm
- Length: 9.30 cm
- Weight: 300g
- Volume: 400 ml

ITEM No.	QTY	PRICE (€)
510146564	1	###,##



NORTON CLIPPER CAP

Brushed Twill Cap Black acc. Black100% brushed cotton, 6 panels, ventilation point, stitching onthe screen, satin sweatband, silver metal clasp, front reinforcement

ITEM No.	QTY	PRICE (€)
510146565	1	###,##



NORTON CLIPPER NOTEBOOK

A5 notepad with 96 cream coloured pages, lined paper, storage pocket, hard cover and bookbinding.

- Length: 21.00 cm
- Height: 1.80 cm
- Width: 14.00 cm
- Weight: 296.00 g

ITEM No.	QTY	PRICE (€)
510146567	1	###,##



NORTON CLIPPER UMBRELLA

Foldable umbrella. 21.5" umbrella with metal frame, metal ribs and plastic handle. Delivered with a cover. 190T polyester.

- Weight: 227.00 g
- Length: 24.00 cm
- Diameter: 97.00 cm

ITEM No.	QTY	PRICE (€)
510152843	1	###,##

AFTER-SALES SERVICE & SUPPORT

By choosing Norton Clipper machines, diamond tools & abrasives, you are choosing quality products designed for professional users. All machines and related accessories are guaranteed for one year (excluding normal wear).

ALL PRODUCTS ARE QUALITY CHECKED DURING MANUFACTURING

If, despite quality checks, during the first year following purchase, any fault arises, your Norton Clipper machine must be returned (complete) to the sales outlet where you purchased it, together with your invoice or sales receipt.

After testing with accessories by the sales outlet, the machine can be shipped for repair to your nearest Norton Clipper after-sales service centre.

In order to optimise repair efficiency, please fill out the Norton Clipper Repair Form, available on www.nortonabrasives.com.

If the issue is with the internal combustion motor issue, please contact the local dealer directly.

If the warranty applies, the Norton Clipper after-sales team will return at its own expense the repaired and tested machine to the sales outlet. In case warranty doesn't apply due to incorrect use of the machine, a quotation for repair will be sent for approval before repair.

The repaired machine will be guaranteed for the time remaining until expiry of the original guarantee.

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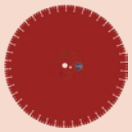
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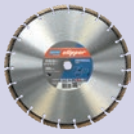


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PRO MARMO SURF
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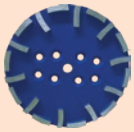
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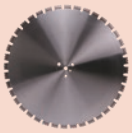
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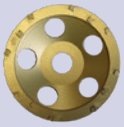
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DIAMOND BLADE RECOMMENDATION GUIDE

	Extreme Beton	Pro Beton	Classic Beton	Extreme Universal Laser	Pro Universal Laser	Classic Universal Laser	Classic Universal	Extreme Universal Turbo	Pro Universal Turbo	Classic Universal Turbo	Extreme Cut 'n' Grind	Pro Cut 'n' Grind	Pro Universal Ductile
QUALITY	♦♦♦♦♦	♦♦♦♦	♦♦♦	♦♦♦♦♦	♦♦♦♦	♦♦♦	♦♦♦	♦♦♦♦♦	♦♦♦♦	♦♦♦	♦♦♦♦♦	♦♦♦♦	♦♦♦♦
WET OR DRY	WET & DRY	WET & DRY	WET & DRY	WET & DRY	WET & DRY	WET & DRY	WET & DRY	WET & DRY	WET & DRY	WET & DRY	WET & DRY	WET & DRY	WET & DRY
MACHINES													
DIAMETER (mm)	115-1200	230-600	115-400	300-1000	115-1000	115-1000	115-350	115-350	115-350	115-230	100-125	100-125	115-350
TECHNOLOGY	i-HD™	LASER	LASER	LASER	LASER	LASER	SINTERED	SINTERED	SINTERED	SINTERED	i-HD™	SINTERED	VACUUM
REINFORCED CONCRETE													
Hard Concrete, curbes & gutters	●●	●●	●										
Reinforced Concrete, concrete lintels	●●	●	●										
UNIVERSAL													
Concrete block (3,6-7,3N)	●●	●●	●	●●	●●	●	●	●●	●●	●	●●	●	●
Calcium silicate blocks	●●	●●	●	●●	●●	●	●	●●	●●	●	●●	●	●
Concrete pavers	●●	●●	●	●●	●●	●	●	●●	●●	●	●●	●	●
Concrete with gravels	●●	●●	●	●●	●●	●	●	●●	●●	●	●●	●	●
Clay bricks/ceramic porous blocks	●●	●●	●	●●	●●	●	●	●●	●●	●	●●	●	●
Clinker bricks/facing tiles/terracota	●●	●●	●	●●	●●	●	●	●●	●●	●	●●	●	●
Vitrified clay pipes	●●	●●	●	●●	●●	●	●	●●	●●	●	●●	●	●
ASPHALT / ABRASIVE MATERIALS													
Asphalt													
Asphalt over concrete													
Green concrete													
CERAMICS													
Porcelaine Tiles													
Tiles / Gres													
NATURAL STONE													
Granite											●	●	●
Marble											●	●	
Sandstone											●	●	●
Limestone											●	●	●
OTHER MATERIALS													
Cast iron													●
Fiberglass, PVC, rubber													●

PERFORMANCE KEY

- ●● **RECOMMENDED**
  Ideally suited for this application
- ● **ACCEPTABLE**
  Either the blade life or cutting speed could be affected

Extreme CG	Pro CG	Classic CG	Pro 4x4 Explorer	Extreme Asphalt	Pro Asphalt	Classic Asphalt	Extreme Green concrete	Pro Green concrete	Extreme Ceramic Turbo	Extreme Ceramic	Pro Ceramic	Classic Ceramic	Exteme Granite	Pro Granite Turbo	Pro Granite	Pro Marmo
♀♀♀♀♀	♀♀♀♀	♀♀♀	♀♀♀♀	♀♀♀♀♀	♀♀♀♀	♀♀♀	♀♀♀♀♀	♀♀♀♀	♀♀♀♀♀	♀♀♀♀♀	♀♀♀♀	♀♀♀	♀♀♀♀♀	♀♀♀♀	♀♀♀♀	♀♀♀♀
WET & DRY	WET & DRY	WET & DRY	WET & DRY	WET & DRY	WET & DRY	WET & DRY	WET	WET	WET & DRY	WET	WET & DRY	WET & DRY	WET & DRY	WET & DRY	WET & DRY	WET & DRY
100-180	100-180	100-180	115-500	300-1000	300-600	300-600	300-350	300-350	115-300	200-350	115-350	115-350	230-900	115-400	300-600	50-350
i-HD™	i-HD™	i-HD™	LASER	i-HD™	LASER	LASER	LASER	LASER	SINTERED	SINTERED	SINTERED	SINTERED	i-HD™	LASER	LASER	E/PLATED
●●	●●	●	●													
●●	●	●	●													
●●	●	●	●●	●	●											
●	●	●	●●													
●	●	●	●●													
●	●	●	●●													
●	●	●	●●													
●	●	●	●●													
			●	●●	●●	●	●	●								
			●	●	●	●	●	●								
			●	●	●	●	●●	●●								
									●●	●●	●●	●				
									●●	●●	●●	●				
●	●	●	●										●●	●●	●●	●
													●	●	●	●●
			●										●●	●●	●●	●
			●										●●	●●	●●	●
			●													
			●													

INVINCIBLE BLADES



Introducing the latest and safest range of diamond blades from Norton Clipper: **Invincible**. Boasting a heroic combination of **powerful performance** and **super-safe design**, these blades will make light work of building materials that get in the way.



The secret to the blade's super-safe segments is the newly advanced, second generation i-HD™ auto attachment technology, which forms an 'invincible' bond between the diamond segment and steel blade. During the blade's manufacturing, Saint-Gobain's new technology auto attaches the segment of the blade directly to the steel centre via infiltration. The cohesive power of this bond provides an ultra-low risk of segment breakage; your safety is assured.

NO CORD, NO PROBLEM.

Invincible blades, available in 115mm (70184603342) and 125mm (70184603343), are designed specifically to form a 'dynamic duo' with all battery powered machines.

PRINCIPLES OF INVINCIBLE

1. **INVINCIBILITY** – Second generation iHD auto-attachment technology makes blade segments Invincible and the blade itself, incredibly safe to use.
2. **DEPENDABILITY** – No mounting/demounting required, you can rely on Invincible to cut through all building materials.
3. **VERSATILITY** – Invincible works well with any sidekick; battery powered or regular angle grinder.
4. **SPEED AND POWER** – Our 'Man of Steel' cuts through material quickly and easily.



DESCRIPTION	QTY	ITEM No.	PRICE (€)
INVINCIBLE H12 115x22,23	1	70184603342	###,##
INVINCIBLE H12 125x22,23	1	70184603343	###,##
KTCO-INVINCIBLE 1x Display + 10x 115x22,23	1	70184607642	###,##
KTCO-INVINCIBLE 1x Display + 10x 125x22,23	1	70184607643	###,##

DIAMOND TOOLS FOR

CONCRETE & REINFORCED CONCRETE

Discover our diamond blades especially designed for cutting of: reinforced concrete, cured concrete, kerb stones, concrete pipes, engineering bricks, facing bricks, refractory bricks, flagstones and paving stones, block paving, washed gravel concrete slabs, natural stone, flint, sandstone, limestone.



EXTREME BETON **SILENCIO**

A PREMIUM CUTTING SILENT DIAMOND BLADE

Residential areas, city centres, schools and hospitals are especially sensitive to noise, with local regulations preventing excessive noise levels. With up to 17mm high segments and a bespoke specification for each application, Norton Silencio is our quietest diamond blade, reducing noise by up to 20x (-13 dB) compared to conventional blades when used on concrete, reinforced concrete, granite and building materials, while achieving a fast, efficient cut.



What makes Silencio different?

Winner of 10 innovation and safety awards, Silencio's patented technology relies on two features:

- A noise dampening layer is sandwiched between two sheets of steel which absorbs the cutting vibrations and sound of the product when in use.
- Patented 'off-set gullets' prevent whistling air flow around the diamond blade.
- Each blade is fine-tuned to provide the best possible noise reduction and cutting performance on a particular machine application.

MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	230	22,23	17/2,8	70184601168**	###,##
	300	20	15/3,2	70184629000	###,##
	300	25,4	15/3,2	70184642421	###,##
	350	20	15/3,2	70184647780**	###,##
	350	25,4	15/3,2	70184628999**	###,##
	350	25,4	15/3,2	70184628997	###,##
	400	20	15/3,2	70184694504	###,##
	400	25,4	15/3,2	70184643510	###,##
	450	25,4	15/3,2	70184631020	###,##
	500	25,4	15/3,2	70184630416	###,##

*** IHD technology*



EXTREME BETON

LASER

EXTREME BETON, NOW WITH I-HD™ TECHNOLOGY PRODUCES MANY BENEFITS FOR THE END USER, INCLUDING:

- Up to **20% faster cut rate** than the previous version.
- Up to **20% longer life** thanks to increased segment height, a high density and more even distribution of diamonds throughout the segment as well as better grain retention.
- Less vibration for a **smoother, more comfortable cut** and better cut quality.
- **60% stronger torque resistance** for exceptional safety thanks to the i-HD™ process.
- **Applications:** for concrete and reinforced concrete on angle grinder, cut of saw and floor saws up to more than 90 hp.



i-HD TECHNOLOGY

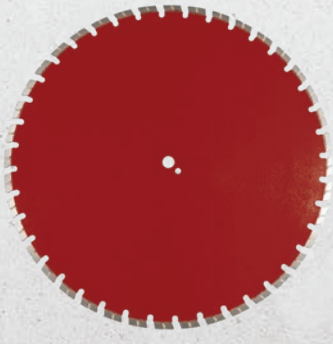
MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	115	22,23	12/2,2	70184630301	###,##
	125	22,23	12/2,2	70184630302	###,##
	230	22,23	15/3,0	70184647723	###,##
	300	20	15/3,0	70184647787	###,##
	300	25,4	15/3,0	70184647788	###,##
	350	20	15/3,2	70184647789	###,##
	350	25,4	15/3,2	70184647790	###,##
	400	20	15/3,2	70184693353	###,##
	400	25,4	15/3,2	70184693354	###,##
	450	25,4	15/3,8	70184602363	###,##
	500	25,4	15/3,8	70184601690	###,##
	600	25,4	15/4,4	70184601691	###,##
	700	25,4	15/4,4	70184601692*	###,##
	800	25,4	15/4,4	70184601693	###,##



Formerly Duo Extreme and Vorax 5 (≥500mm)

* Available on request

NAME	MACHINE	POWER	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
Beton 10		20 - 30 hp	500	25,4	15/3,8	70184601696	###,##
		20 - 30 hp	600	25,4	15/4,4	70184601735	###,##
		20 - 30 hp	700	25,4	15/4,4	70184601999*	###,##
Beton 20		35 - 54 hp	600	25,4	15/4,4	70184694212*	###,##
		35 - 54 hp	700	25,4	15/4,4	70184694733	###,##
		35 - 54 hp	800	25,4	15/4,4	70184694735*	###,##
		35 - 54 hp	900	25,4	15/4,4	70184601694	###,##



* Available on request

NAME	MACHINE	POWER	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
		55 - 90 hp	600	25,4	15/4,4	70184694719*	###,##
		55 - 90 hp	700	25,4	15/4,4	70184694718*	###,##
Beton 30		55 - 90 hp	800	25,4	15/4,4	70184694721*	###,##
		55 - 90 hp	1000	25,4	15/4,4	70184694723*	###,##
		55 - 90 hp	1200	25,4	15/4,4	70184694724*	###,##

Formerly Vorax * Available on request

PRO BETON SILENCIO

- The Norton Clipper Pro Beton Silencio blade reduces noise by up to three times (-5 dB(A)) compared to conventional blades when used on an angle grinder thanks to a special steel core.
- The Norton Clipper Pro Beton Silencio blade features 12mm high segments for longer life.
- It is specialised for use on reinforced concrete and building materials, helping you to cut quickly and efficiently in environments where noise and costs need to be kept to a minimum.
- Diameter 350mm has been developed for electric handheld machines such as the new Norton Clipper CE414.

MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	230	22,23	12/2,6	70184602810	###,##
	350	25,4	12/2,8	70184603274	###,##



PRO BETON

- Laser welded blade for intensive use on a wide range of construction materials and reinforced concrete.
- For dry or wet cutting.
- Narrow gullet for great results on hard materials.

MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	230	22,23	12/2,8	70184612117*	###,##
	300	20	10/2,5	70184627058**	###,##
	350	20	10/2,8	70184627060**	###,##
	350	25,4	10/2,8	70184627061**	###,##
	400	25,4	10/3,2	70184627062**	###,##
	450	25,4	10/3,2	70184627063**	###,##
	500	25,4	10/3,8	70184627064**	###,##
	600	25,4	10/4,0	70184627065**	###,##

*Formerly * ZDH Duo ** ZDH 500*



PRO BETON SOFT*

- Laser welded blade.
- For dry or wet cutting.
- Depth indicator to monitor blade life and show cutting direction (up to 450mm).
- Wide gullet for great results on soft materials.

MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	300	20	12/2,8	70184611453	###,##
	300	25,4	12/2,8	70184611455	###,##
	350	20	12/2,8	70184611456	###,##
	350	25,4	12/2,8	70184611458	###,##
	400	20	12/3,2	70184611459	###,##
	400	25,4	12/3,2	70184611460	###,##
	450	25,4	12/3,2	70184611461	###,##
	500	25,4	12/3,8	70184611981	###,##
	600	25,4	12/4,4	70184611982	###,##

Formerly Super Beton Evo * Pro beton soft blades range are recommended to cut hard material



CLASSIC BETON TURBO

- Laser welded diamond blade.
- For dry or wet cutting.
- Corrugated segments.

MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	115	22,23	10/2,4	70184694465	###,##
	125	22,23	10/2,4	70184694466	###,##
	230	22,23	10/2,6	70184694467	###,##
	300	20	10/3,2	70184694468	###,##
	300	25,4	10/3,2	70184602486	###,##
	350	20	10/3,2	70184694469	###,##
	350	25,4	10/3,2	70184694470	###,##
	400	20	10/3,2	70184601392	###,##
	400	25,4	10/3,2	70184694471	###,##

Formerly Classic Turbo Laser



CLASSIC BETON

- An economical solution.
- Laser welded blade.
- Dry or wet cutting.

MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	300	20	10/2,8	70184626869	###,##
	300	25,4	10/2,8	70184626870	###,##
	350	20	10/2,8	70184626871	###,##
	350	25,4	10/2,8	70184626872	###,##
	400	25,4	10/3,2	70184626873	###,##
	450	25,4	10/3,2	70184626874	###,##
	500*	25,4	10/3,4	70184694416*	###,##
	600*	25,4	10/3,6	70184694417*	###,##

** 500-600mm with undercutting protection segments*



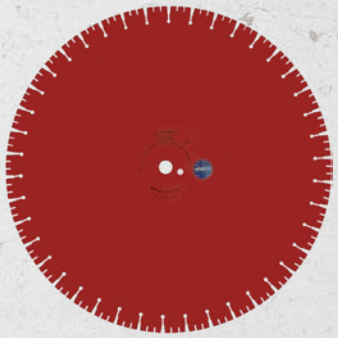
EXTREME BETON WALL SAW

- The new generation of wall saw blades with i-HD™ technology for the fastest cut ever.
- For electric or hydraulic wall saw machines.

MACHINES	Ø (mm)	BORE (mm)	BORE PATTERN	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	600	25,4	-	15/4,8	70184607641	###,##
	600	25,4	-	15/5,5	70184607702	###,##
	650	60	-	15/3,8	70184607812	###,##
	700	25,4	-	15/3,8	70184608387	###,##
	800	25,4	-	14/3,8	70184607902	###,##
	800	60	-	15/3,8	70184607703	###,##
	800	25,4	-	15/4,8	70184607704	###,##
	800	60	Hydrostress	15/4,8	70184607705	###,##
	1000	60	-	15/4,8	70184607730	###,##
	1200	60	-	15/4,8	70184607731	###,##

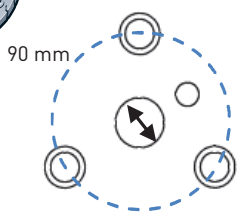
Other patterns available on demand

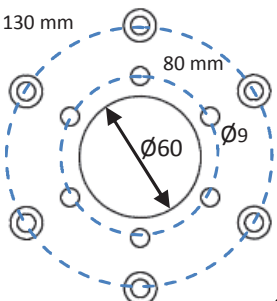
Formerly V-Max III

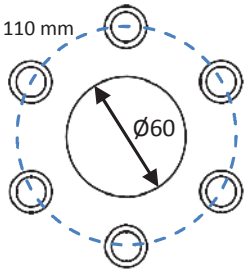




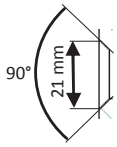
BORE PATTERNS



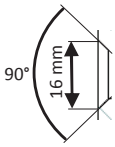




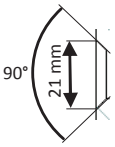
TS5
3 conical holes for countersunk M10 screws on a 90mm circle.
Bore 25,4mm



HYDROSTRESS
6 conical holes for countersunk M8 screws on a 130mm circle
6 holes ø9mm on a 80mm circle
Bore 60mm



TS20
6 conical holes for countersunk M10 screws on a 110mm circle
Bore 60mm



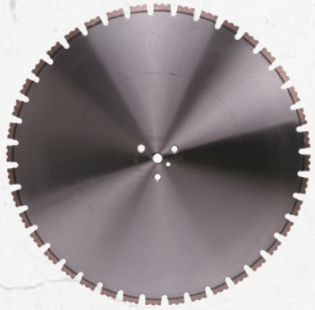
EXTREME BETON SILENCIO WALL SAW

- Wall saw blade with noise reduction technology.
- For electric or hydraulic wall saw machines.

MACHINES	Ø (mm)	BORE (mm)	BORE PATTERN	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	800	60		14/4,8	70184628513*	###,##
	1000	60		14/4,8	70184630618*	###,##

Formerly V-MAX

* Available on request



EXTREME BETON LB

- Speciality blades for loop cutting on floor saws.
- For concrete and reinforced concrete.

MACHINES	Ø (mm)	BORE (mm)	SEGMENT WIDTH (mm)	ITEM No.	PRICE (€)
	350	25,4	8	70184627442*	###,##
	350	25,4	10	70184629326*	###,##

Formerly Revex LB

* Available on request



NOTES

DIAMOND TOOLS FOR

UNIVERSAL BUILDING MATERIALS

Discover our diamond blades especially designed for cutting of: cured concrete, kerb stones, concrete pipes, bricks, block paving, flagstones and paving stones, washed gravel concrete slabs, natural stone, sandstone, limestone, flint.



EXTREME UNIVERSAL TURBO

WHEN PERFORMANCE MEETS DESIGN

The Extreme Universal blade cuts all medium to hard construction materials, fast.

- 12mm impregnated diamond segments provide very long life.
- Arrow shaped inserts on the blade protect the steel core for reduced blade wear, as well as indicating the correct direction for rotation.
- The ventilated waved steel centre reduces heat which aids blade rigidity during dry cutting.
- The corrugated continuous rim enables smooth, high quality cutting and ease of use It also cuts more aggressively on hard materials.
- Ideal for use on a very wide range of medium to hard construction materials, block paving, granite, natural stone, roof tiles and hard tiles.

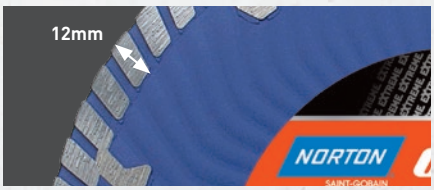


MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	115	22,23	12/1,8	70184623598	###,##
	125	22,23	12/2,0	70184623599	###,##
	230	22,23	12/2,8	70184623180	###,##
	300	20	12/2,8	70184611230	###,##
	300	25,4	12/2,8	70184611236	###,##
	350	20	12/3,2	70184611427	###,##
	350	25,4	12/3,2	70184611561	###,##
	230	70/22,23 + Flange	12/2,8	70184623448	###,##

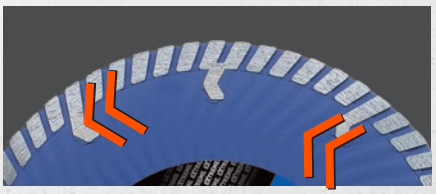
Formerly Aero Jet Evo



PRODUCT FEATURES



12mm HIGH SEGMENTS WITH WAVED STEEL CENTRE



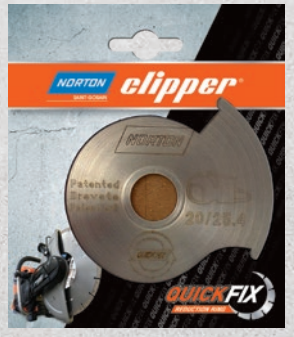
ROTATIONAL DIRECTION

QUICK FIX

The Quickfix system allows the bore of a blade to be adjusted in order to fit machines with different arbor/shaft diameters. There are 2 versions, the first allows a blade with a 25,4mm bore to be fitted to a machine with a 22,23mm arbor/shaft. The second allows a blade with either a 25,4mm or 22,23mm bore to be mounted on a machine with a 20mm arbor/shaft.

The system complies with the requirements of European Standard EN 13236.

MACHINES	BORE OF BLADE (mm)	BORE OF MACHINE (mm)	ITEM No.	PRICE (€)
	25,4	22,23	70184623894	###,##
	25,4/22,23	20	70184622589	###,##



PRO UNIVERSAL TURBO

- 12mm high continuous rim blade.
- Ideal for use on general materials and stone.
- Reinforcement flanges around the bore ensure rigidity and straight cutting under the most demanding conditions.
- Use dry or wet.



MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	115	22,23	12/2,1	70184610314	###,##
	125	22,23	12/2,1	70184610315	###,##
	150	22,23	12/2,5	70184610316	###,##
	180	22,23	12/2,5	70184610317	###,##
	230	22,23	12/2,8	70184610267	###,##
	300	20	12/3,2	70184610259	###,##
	350	20	12/3,2	70184610334*	###,##
	350	25,4	12/3,2	70184610336	###,##

Formerly Euro Jet

* Available on request

CLASSIC UNIVERSAL TURBO

- An economical solution.
- Continuous rimmed blade.
- Use dry or wet.





MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	115	22,23	10/2,2	70184626814	###,##
	125	22,23	10/2,2	70184626815	###,##
	180	22,23	10/2,4	70184626816	###,##
	230	22,23	10/2,6	70184626818	###,##
	300	20	10/3,2	70184626822	###,##
	350	25,4	10/3,2	70184626824	###,##
	125	M14	10/2,0	70184629695	###,##
	230	70/22,23 + Flange	10/2,6	70184626819	###,##

Formerly Classic Jet

EXTREME UNIVERSAL SILENCIO

LASER

A PREMIUM CUTTING SILENT DIAMOND BLADE

Residential areas, city centres, schools and hospitals are especially sensitive to noise, with local regulations preventing excessive noise levels. With up to 15mm high segments and a bespoke specification for each application, Norton Silencio is our quietest diamond blade, reducing noise by up to 30x (-15 dB) compared to conventional blades when used on concrete, granite and building materials, while achieving a fast, efficient cut.

What makes Silencio different?

Winner of 10 innovation and safety awards, Silencio's patented technology relies on two features:

- A noise dampening layer is sandwiched between two sheets of steel which absorbs the cutting vibrations and sound of the product when in use.
- Patented 'off-set gullets' prevent whistling air flow around the diamond blade.
- Each blade is fine-tuned to provide the best possible noise reduction and cutting performance on a particular machine application.



MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	300	25,4	15/2,8	70184640269	###,##
	350	25,4	15/2,8	70184628998	###,##
	400	25,4	15/3,1	70184640270	###,##
	450	25,4	15/3,1	70184694368*	###,##
	500	25,4	15/3,2	70184630309	###,##

* Available on request



EXTREME UNIVERSAL SILENCIO

LASER

- Our best quality for your masonry saw.
- Reduction of noise up to 30x.
- Laser welded blade for optimum safety and performance.

MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	650	25,4	15/4,4	70184694227	###,##
	900	60/55	15/4,4	70184694030	###,##
	1000	60/55	15/4,4	70184694595	###,##

Formerly BS Silencio





YouTube
Norton Clipper Silencio

EXTREME UNIVERSAL LASER

TREAT YOUR MASONRY SAW WITH THE BEST.

The Extreme Universal blade has super fast cutting and very long life on all materials from soft to hard.

- Up to 15mm high segments provide long life and fast cut on all building materials.
- The DUO segments provide high cutting speed, improved comfort and low vibration levels.
- Arrow shaped gullet slots quickly remove debris from the blade surface and indicates the rotational direction.
- 'DUO' shaped cut reduces heat and cools the blade core.
- Laser welded segments ensure optimum safety against segment loss.



MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	300*	30/25,4	15/2,8	70184612282	###,##
	350*	30/25,4	15/2,8	70184612283	###,##
	400	25,4	10/3,2	70184611438	###,##
	450	25,4	10/3,2	70184611439	###,##
	500	25,4	7/3,8	70184611440	###,##

** Special Duo shaped segments and Duo laser cuts for 300mm & 350mm diameter blades only*

Formerly FMD DUO



PRODUCT FEATURES



15mm HIGH SEGMENTS
ON DIAMETER 300mm AND 350mm



ROTATIONAL DIRECTION



FOR BEST RESULTS USE ON NORTON CLIPPER MASONRY SAWS - SEE PAGE 95

PRO UNIVERSAL SILENCIO

- The Norton Clipper Pro Universal Silencio blade reduces noise by up to eight times (-9 dB(A)) compared to conventional blades when used with a masonry saw.
- The Pro Universal Silencio blade features 12mm high segments for longer life.
- Ideal for concrete and building materials, it achieves a fast, efficient cut with limited noise for sensitive environments at a more economical cost when price is a consideration.

MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	350	25,4	12/3,1	70184602811	###,##

For use on a masonry saw only



PRO UNIVERSAL LASER

- Fast cutting.
- For use on concrete slabs and general purpose building materials.
- Use dry or wet cutting on masonry saws.

MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	115	22,23	12/2,2	70184607493	###,##
	125	22,23	12/2,3	70184607684	###,##
	150	22,23	12/2,2	70184607685	###,##
	150	30	12/2,2	70184607693	###,##
	180	22,23	12/2,5	70184607686	###,##
	180	30	12/2,5	70184607687	###,##
	230	22,23	12/3,0	70184603038	###,##
	300	25,4	12/3,1	70184607689	###,##
	300	20	12/3,1	70184607690	###,##
	350	25,4	12/3,20	70184607691	###,##
	350	20	12/3,2	70184607692	###,##
	350	25,4	10/2,8	70184611209	###,##
	400	25,4	10/2,5	70184610679	###,##
	400	25,4	10/3,2	70184625951	###,##
	450	25,4	10/3,2	70184625952	###,##
	500	25,4	10/3,2	70184625953	###,##

Formely Euro ZML Evo and Alfa





CLASSIC UNIVERSAL LASER

- An economical blade choice for dry or wet cutting on masonry saws.
- For use on construction materials and lightweight blocks, Poroton, Kalksandstein.



MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	115	22,23	7/2,2	70184626834	###,##
	125	22,23	7/2,2	70184626835	###,##
	150	22,23	7/2,2	70184626836	###,##
	180	22,23	7/2,5	70184626837	###,##
	230	22,23	10/2,5	70184626838	###,##
	300	20	10/2,5	70184626839	###,##
	300	25,4	10/2,5	70184626840	###,##
	350	20	10/2,8	70184626841	###,##
	350	25,4	10/2,8	70184626842	###,##

Formerly Classic Laser

CLASSIC UNIVERSAL

- An economical solution.
- Sintered blade.
- Use dry or wet.



MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	115	22,23	10/1,8	70184626806	###,##
	125	22,23	10/1,8	70184626807	###,##
	180	22,23	10/2,2	70184626809	###,##
	230	22,23	10/2,4	70184626810	###,##
	300	20	10/3,0	70184626811	###,##
	350	25,4	10/3,2	70184626813	###,##

Formerly Classic Uni

X-LOCK UNIVERSAL LASER

- Featuring the X-LOCK system for fast disc changeover.
- X-LOCK blades are also compatible for use on conventional angle grinders with spindle mount.



MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	115	22,23	10/2,2	70184607941	###,##
	125	22,23	10/2,4	70184607942	###,##

EXTREME UNIVERSAL LASER

- Super fast cutting and very long life on all materials from soft to hard.
- Up to 15mm high segments.

MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	900	60	15/4,8	70184647651	###,##

Formerly DUO BS15



PRO UNIVERSAL LASER

- Laser welded ensure optimum performance and security.
- 12mm segment height.
- For use on concrete slabs and general purpose building materials.
- Use dry or wet cutting on masonry saws.

MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	600	25,4	12/4,4	70184647258*	###,##
	625	60	12/4,4	70184693972	###,##
	650	25,4	12/4,4	70184647265	###,##
	700	25,4	12/4,4	70184603061	###,##
	700	60	12/4,4	70184647264	###,##
	900	60	12/4,4	70184647266	###,##
	1000	60	12/4,4	70184647263	###,##

Formerly Pro BS12

* Available on request

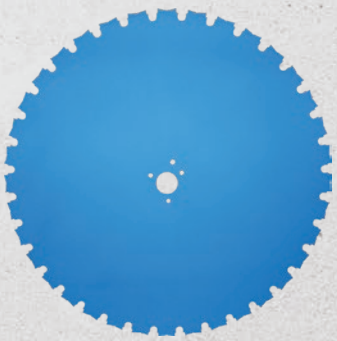


CLASSIC UNIVERSAL LASER

- An economical blade choice for dry or wet cutting on masonry saws.
- For use on construction materials and lightweight blocks, clay blocks, sandstone.

MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	650	25,4	10/4,4	70184647267	###,##
	900	60	10/4,4	70184647269	###,##
	1000	60	10/4,4	70184647650	###,##

Formerly Classic BS10





Clipper's Tip



DIAMOND BLADE RECOMMENDED AND DELIVERED WITH CM70 ALU: 70184603061



IDEAL FOR BLOCK SAWS



PRO UNIVERSAL DUCTILE

Multi-material vacuum-brazed blades for dry-cutting of a wide variety of materials.

For use on general purpose building materials, concrete, asphalt roof shingles, PVC, clay and fiberglass-reinforced resin, small amount of wood, ductile iron and metals.



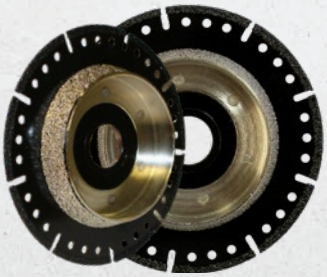
MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	115	22,23	2,8	70184694459	###,##
	125	22,23	2,8	70184694460	###,##
	180	22,23	2,8	70184694461	###,##
	230	22,23	3,1	70184694462	###,##
	300	20	3,4	70184694463	###,##
	350	25,4	3,4	70184694464	###,##
	400	20	3,3	70184694691	###,##

Formerly Multi-Runner



PRO PIPE CUTTER

- For cutting and grinding plastic pipes.
- Allows to cut and grind a plastic pipe in only one step.
- Can be used on all materials.



MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	125	22,23	2,5	70184601374	###,##





EXTREME UNIVERSAL TP-Z

- Innovative mortar raker with alternated Z shape segments that reduces contact surface area for a faster cut with less friction.
- Made with i-HD™ technology for long life and a high removal rate.
- For the removal of mortar joints between bricks, natural stone blocks or facing bricks.



MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	115	22,23	7/6,5	70184601130	###,##
	125	22,23	7/6,5	70184641691	###,##

Formerly TP-Z

PRO UNIVERSAL TP

- Segments with different thicknesses for a number of different mortar joints.
- The hard-metal protection inserts prevent under-cutting of the steel-centre and contributes to longer product life.
- For the removal of mortar joints between bricks, natural stone blocks or facing bricks.
- Removes mortar 2x faster than a standard blade.



MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	115	22,23	6,5/4,5	70184610712	###,##
	125	22,23	6,5/4,5	70184610713	###,##
	115	22,23	6,5/6,5	70184610305	###,##
	125	22,23	6,5/6,5	70184610307	###,##
	115	22,23	6,5/8,0	70184610715	###,##
	125	22,23	6,5/8,0	70184610716	###,##

Formerly TP Mortar Raker

PRO UNIVERSAL TP-V

- Special tool for the repair of cracks in floors and walls.
- The V-shape segments widden the crack to allow repair with mortar.
- For use on concrete floors and walls, masonry walls, plaster boards.
- Removes concrete 2x faster than a standard blade.



MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	115	22,23	13/6,5	70184624198	###,##
	125	22,23	13/6,5	70184624199	###,##

Formerly TP-V Crack Chaser

EXTREME CG

Clipper's Tip

BEST WHEN USED ON NORTON CLIPPER CG125 AND CG180!
SEE PAGE 169

Now with i-HD™ technology, Clipper Extreme Cup Grinders provide the ultimate surface grinding performance.

- i-HD segments provide the **best finish, high material removal rates** and **longest life** thanks to the uniform density of diamonds across each whole segment.
- The unique large segment design enables faster **grinding of large surfaces.**
- Low vibrations provide better comfort during use.
- Large ventilation holes mean better cooling and less heat generation.
- Flat 125mm cup grinder is suitable for use on all vacuum grinders.
- For use on building materials, concrete, natural stone and abrasive materials.
- For tilers, general builders, concrete flooring contractors, swimming pool installers.





H = 24mm*



MACHINES	Ø (mm)	CUP HEIGHT (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	100	19	22,23	4,5	70184694991	###,##
	125	24	22,23	4,5	70184694993	###,##
	180	29	22,23	4,5	70184694994	###,##
	125 FLAT	19	22,23	4,5	70184694992	###,##

** Total height for Ø 125mm*

See page 16 for more information on merchandising displays

PRO CG

- High material removal rate.
- Low vibration for better comfort when in use.
- i-HD manufacturing technology ensures long life and a good standard of finishing.
- For surfacing and grinding medium hardness construction and building materials (concrete, reinforced concrete, natural stone).

H = 24mm*





MACHINES	Ø (mm)	CUP HEIGHT (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	100	19	22,23	4,5	70184694988	###,##
	125	24	22,23	4,5	70184694989	###,##
	180	29	22,23	4,5	70184694990	###,##

** Total height for Ø 125mm*

CLASSIC CG

- An economical solution.
- For surfacing and grinding hard construction and building materials (concrete, reinforced concrete, natural stone).
- Smaller segments have excellent performance on hard materials.
- Flat sides avoid damaging walls or ceilings during flush grinding.

H = 24mm*





MACHINES	Ø (mm)	CUP HEIGHT (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	100	19	22,23	4,5	70184694995	###,##
	125	24	22,23	4,5	70184694996	###,##
	180	29	22,23	4,5	70184601079	###,##

** Total height for Ø 125mm*

EXTREME CG COMFORT

EXTREME CG Comfort has been specifically developed to lower vibration levels and improve operator comfort.

- Lower vibration levels
- Comfortable to use
- New segment shape for optimum results
- i-HD™ Technology for high material removal and long life

LOW VIBRATION



Clipper's Tip

Hand-Arm vibrations provokes painful and disabling disorders of the blood vessels and nerves, leading to a disease called Vibration White Finger. We have developed a product that minimizes the vibration and optimizes your comfort of use.

MACHINES	Ø (mm)	CUP HEIGHT (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	100	20	22,23	4,5	70184607656	###,##
	125	25	22,23	4,5	70184602648	###,##
	180	30	22,23	4,5	70184607657	###,##

H = 20-30mm*



** Total height different for each diameter*

Clipper's Tip

BEST WHEN USED ON NORTON CLIPPER CG125 (SEE PAGE 169)

PRO CG-PCD COMFORT

- PolyCrystalline Diamond (PCD) cup wheel, designed for the fast removal of glue, epoxy resins & paint.
- The embedded anti-vibration system provides comfort during use.
- Use a concrete cup wheel after using PCD wheels to ensure a great finish.

H = 18mm





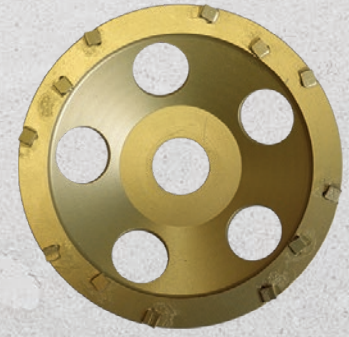
MACHINES	Ø (mm)	CUP HEIGHT (mm)	BORE (mm)	PCD ELEMENTS	ITEM No.	PRICE (€)
	125	18	22,23	12pcs	70184645886	###,##

CLASSIC CG-PCD

- Cost-effective PolyCrystalline Diamond (PCD) cup wheel.
- Designed for the fast removal of glue, epoxy resins & paint.
- Use a concrete cup wheel after using PCD wheels to ensure a great finish.

H = 19mm





MACHINES	Ø (mm)	CUP HEIGHT (mm)	BORE (mm)	PCD ELEMENTS	ITEM No.	PRICE (€)
	125	19	22,23	12pcs	70184693445	###,##

EXTREME CUT'N'GRIND

- Multi-purpose tool for cutting and grinding of building materials.
- i-HD™ technology offers longer life, a faster cut and a unique design.
- Can be used for the same applications as diamond blades and diamond cup grinders.
- Equipped with an aluminium flange in connection M14 for offset cutting and grinding.

MACHINES	Ø (mm)	BORE	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	125	M14	25 / 3,9	70184602036	###,##





Clipper's Tip

ONE BLADE FOR TWO APPLICATIONS : CUTTING AND GRINDING

PRO CUT'N'GRIND

- Sintered Turbo shape, for fast material removal and good finishing quality in cutting and grinding.
- Equipped with an aluminium flange in connection M14 for offset cutting and grinding.

Can be used for the same applications as diamond blades and diamond cup grinders.

- For use on concrete, washed concrete, blocks, ductile iron and natural stones.

MACHINES	Ø (mm)	BORE	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	100	M14	25 / 3,9	70184641171	###,##
	125	M14	25 / 3,9	70184641172	###,##



NOTES

DIAMOND TOOLS FOR

MULTI MATERIALS

Multi-purpose blades for cutting concrete, reinforced concrete, roof tiles, paviours, blocks, granite, natural stone, asphalt, breeze blocks, sandstone and gridstone.



PRO 4X4 EXPLORER

The Pro 4x4 Explorer range is even better than before. Faster cutting, longer life, improved safety and greater comfort when used on any material are all additional benefits of this blade.

- Multipurpose blade cuts all materials.
- Up to 12mm segment height for more cuts per wheel.
- Trapezoid shaped segments give a comfortable, smoother cut with lower vibration levels.
- Patented cut depth indicator allows better visibility of cut depth when in use.
- Keep track of segment wear with the specially engraved wear indicator.
- Patented drop shaped gullets prevents fatigue cracks even when cutting thick metal.



For cutting off all the following materials :

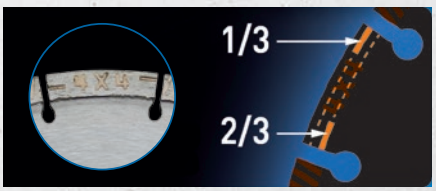
- Reinforced concrete
- Concrete lintels
- Limestone concrete
- Concrete roof tiles
- Paviours and blocks
- Granite & natural stones
- Asphalt
- Asphalt over concrete
- Breeze blocks
- Gridstone
- Sandstone
- Steel parts up to 5mm thick

MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	115	22,23	10/2,2	70184602018	###,##
	125	22,23	10/2,2	70184602019	###,##
	180	22,23	10/2,5	70184602020	###,##
	230	22,23	12/2,5	70184602021	###,##
	300	20	12/3,0	70184602022	###,##
	300	25,4	12/3,0	70184602023	###,##
	350	20	12/3,2	70184602091	###,##
	350	25,4/20	12/3,2	70184602092	###,##
	350	25,4	12/3,2	70184602093	###,##
	400	25,4	12/3,2	70184602095	###,##
	400	20	12/3,2	70184602094	###,##
	450	25,4	12/3,2	70184602096	###,##
	500	25,4	10/3,8	70184602097	###,##

PRODUCT FEATURES



DROP-SHAPE GULLETS



SEGMENT WEAR INDICATOR



PATENTED CUTTING DEPTH INDICATOR

QUICK FIX

The Quickfix system allows the bore of a blade to be adjusted in order to fit machines with different arbor/shaft diameters. There are 2 versions, the first allows a blade with a 25,4mm bore to be fitted to a machine with a 22,23mm arbor/shaft. The second allows a blade with either a 25,4mm or 22,23mm bore to be mounted on a machine with a 20mm arbor/shaft.

The system complies with the requirements of European Standard EN 13236.

MACHINES	BORE OF BLADE (mm)	BORE OF MACHINE (mm)	ITEM No.	PRICE (€)
	25,4	22,23	70184623894	###,##
	25,4/22,23	20	70184622589	###,##



DIAMOND TOOLS FOR

CERAMIC AND PORCELAIN TILES

Discover our diamond blades especially designed for cutting off : ceramic and porcelain tiles, vitrified reconstituted stone, glass, textured glass, glazed ceramic tiles, granite, marble, slate & hard natural stone.



EXTREME CERAMIC TURBO

QUALITY CUTTING OF HARD CERAMIC TILES.

- This 10mm high continuous rim blade is the perfect choice for a high quality cut.
- Premium diamond grade and free cutting metal bond make this blade perfect for cutting even the hardest tiles.
- 1,4mm thickness for fast cutting and reduced material wastage.
- The reinforced flange on the steel centre helps to keep the blade straight without causing damage to the tile.
- For use on angle grinders, rail tile and masonry saws.
- Can be used on ceramic, porcelain, stone walls and floor tiles.



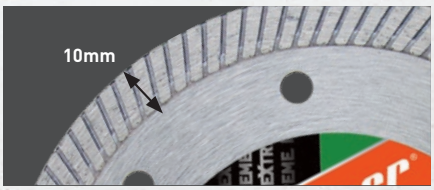
MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	115	22,23	10/1,4	70184644759**	###,##
	125	22,23	10/1,4	70184644760**	###,##
	180	22,23	10/1,4	70184621970**	###,##
	200	25,4	10/2	70184625427*	###,##
	230	22,23	10/2	70184621973**	###,##
	230	25,4	10/2	70184627653*	###,##
	250	25,4	10/2	70184625428*	###,##
	250	30	10/2	70184645565*▲	###,##
	300	25,4	10/2,2	70184625429*	###,##
	300	30	10/2,2	70184645566*	###,##

Formerly Super Gres XT and Super Gres XT Evo***

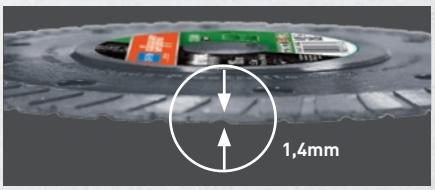
▲ Available on request



PRODUCT FEATURES



10mm HIGH DIAMOND RIM



1,4mm THICK BLADE



FAST CUTTING CONTINUOUS RIM

EXTREME CERAMIC

- Continuous rim sintered diamond blade for wet cutting on masonry saws.
- Thin laser-cut slots to allow blade cooling and smoother cut.
- For use on glazed ceramic tiles, granite, marble, slate, quarry tiles.

MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	200	25,4	9/1,6	70184647047	###,##
	230	25,4	9/1,6	70184644431	###,##
	250	25,4	9/1,6	70184644432	###,##
	300	25,4	9/2,0	70184630334	###,##
	350	25,4	9/2,0	70184630335	###,##

Formerly Ceram XJ



EXTREME CERAMIC SOFT*

- Continuous rim sintered diamond blade for wet cutting on masonry saws.
- Thin laser-cut slots to allow blade cooling and smoother cut.
- For use on glazed ceramic tiles.
- Offers a very good finish on the hardest tiles.

MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	200	25,4	2 /9	70184603234	###,##
	230	25,4	2 /9	70184603235	###,##
	250	25,4	2 /9	70184603236	###,##
	300	25,4	2 /9,5	70184602483	###,##
	350	25,4	2 /9,5	70184602484	###,##
	400	25,4	2,4 /10	70184603237	###,##

* Extreme Ceramic Soft range blades are recommended to cut hard materials



YouTube
Norton Clipper Extreme Ceramic

PRO CERAMIC

- Good value for money continuous diamond rim.
- Can be used for dry or wet cutting.
- For use on ceramics, granite, marble, slate, quarry tiles.

MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
Wet & dry cutting					
	115	22,23	9/1,6	70184625942	###,##
	125	22,23	9/1,6	70184625940	###,##
	180	22,23	9/1,7	70184625944	###,##
	230	22,23	9/2,2	70184625946	###,##

Formerly MD 110 CD



MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
Wet cutting only					
	150	25,4/22,23	10/1,6	70184625560	###,##
	180	25,4/22,23	10/1,9	70184625561	###,##
	200	25,4	10/1,9	70184625093	###,##
	200	30	10/1,9	70184625094	###,##
	230	25,4	10/1,9	70184625096	###,##
	250	25,4	10/2	70184625097	###,##
	300	25,4	10/2	70184625098	###,##
	350	25,4	10/2	70184625100	###,##

Formerly MD 120 C



CLASSIC CERAMIC TURBO

- Turbo continuous rimmed diamond blade faster & smoother cutting of hard ceramic tiles.
- Economical solution.
- For dry or wet cutting of porcelain and ceramic tiles.

MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	115	22,23	7/1,6	70184627645	###,##
	125	22,23	7/1,6	70184627646	###,##

Formerly Classic Ceram XT



CLASSIC CERAMIC

- Value for money continuous rimmed diamond blade.
- Dry or wet cutting of medium hard tiles and ceramic tiles.



MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	115	22,23	7/1,6	70184626825	###,##
	125	22,23	7/1,6	70184626826	###,##
	180	25,4/22,23	7/1,7	70184626828	###,##
	200	30/25,4	7/1,7	70184626829	###,##
	230	22,23	7/1,8	70184626830	###,##
	230	25,4	7/1,8	70184628734	###,##
	250	25,4	7/1,8	70184626831	###,##
	300	25,4	7/2,1	70184626832	###,##
	350	25,4	7/2,1	70184626833	###,##

X-LOCK CERAMIC

- Featuring the X-LOCK system for fast disc changeover.
- X-LOCK blades are also compatible for use on conventional angle grinders with spindle mount.



MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	115	22,23	10/1,4	70184607943	###,##
	125	22,23	10/1,4	70184607944	###,##

DIAMOND BLADES FOR

GRANITE, MARBLE & NATURAL STONE



EXTREME GRANITE

The 15mm 'Duo' shaped trapezoidal segments are produced with i-HD™ technology making them optimised for cutting hard materials such as granite, natural stone, concrete slab and blocks. These segments also provide benefits such as super long life, excellent cutting speed, improved operator comfort and low vibration. The Extreme Granite also provides optimum safety against segment loss.

The exclusive "arrow" shaped gullet slots permanently indicate the correct direction of rotation.



MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	230	22,23	15/2,6	70184601172	###,##
	300	20	15/2,8	70184601173	###,##
	350	25,4	15/2,8	70184601174	###,##
	350	25,4	15/2,8	70184603311	###,##
	500	25,4	15/3,2	70184603312	###,##
	900	60	12/4,6	70184603313	###,##

Formerly Duo Granite+



YouTube
Norton Clipper Extreme Granite



Clipper's Tip

USE QUICKFIX SYSTEM FOR THE BLADE TO FIT MACHINES WITH DIFFERENT ARBOR/SHAFT DIAMETER (SEE PAGE 48)

EXTREME STRADALIT

- Laser-welded, 10mm high segments with silent steel-centre, ideal for wet cutting very hard natural stone, cured clay pavers and engineering bricks on masonry saws.

MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	350	25,4	10/2,5	70184621132	###,##
	400	25,4	10/2,5	70184623047	###,##

Formerly Super Stradalit Evo

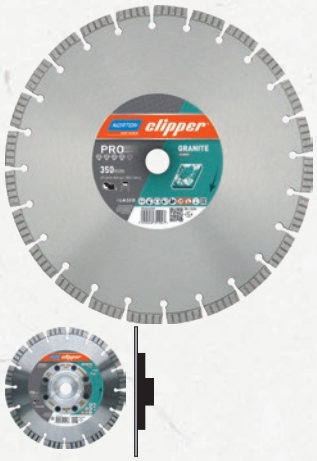


PRO GRANITE TURBO

- The 12mm laser welded segments are corrugated in shape, which generate less friction and makes the blade more efficient. These segments also provide the blade with strong cutting performance and a long life.
- Designed for dry and wet cutting.
- Specifically designed for granite, concrete slabs and other hard stone materials.
- An excellent cost to performance ratio, offering great value for money.

MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	115	22,23	12/2,2	70184626525	###,##
	125	22,23	12/2,2	70184626526	###,##
	180	22,23	12/2,4	70184626527	###,##
	230	22,23	12/2,6	70184626528	###,##
	230	70/22,23 + Flange	12/2,6	70184629653	###,##
	300	20	12/3,2	70184626530	###,##
	300	25,4	12/3,2	70184626529	###,##
	350	20	12/3,2	70184626531	###,##
	350	25,4	12/3,2	70184626532	###,##
	400	25,4	12/3,2	70184626533	###,##

Formerly Granite Turbo Laser



PRO GRANITE

- Great value for money blade.
- Designed for use on granite, marble and natural stone.

MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	300	25,4	10/2,5	70184610384	###,##
	350	25,4	10/3,0	70184610385	###,##
	400	25,4	10/3,2	70184610386	###,##
	450	25,4	10/3,4	70184610436	###,##
	500	25,4	7/3,2	70184610437	###,##
	600	25,4	7/4,4	70184610438*	###,##

Formerly Granito * Available on request



PRO MARMO

- Versatile diamond blade suitable for materials such as granite, marble, plastics and natural stone, and is ideal for use on angle grinders, cut-off saws and masonry saws.
- The electroplated surface and drop-down diamond inserts on the steel centre clean the cutting profile while in use, these features ensure fast and smooth cutting.

MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	50	6	2,4	70184629965	###,##
	115	22,23	2,4	70184626663	###,##
	125	22,23	2,4	70184626666	###,##
	150	20	2,4	70184601282	###,##
	230	22,23	2,8	70184626668	###,##
	300	25,4	2,9	70184620243	###,##
	350	25,4	2,9	70184620244	###,##

Formerly Marmo Pro



PRO MARMO SURF

- Pro Marmo Surf can be used as both a diamond blade and a diamond cup grinder and is well suited for cutting and grinding natural stone.
- Electroplated continuous rim generates smooth cutting and grinding.

MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	115	M14	2,4	70184640590	###,##
	125	M14	2,4	70184640591	###,##
	230	70/22,23 + Flange	2,8	70184640592	###,##

Formerly Pro Surf



DIAMOND TOOLS FOR

ASPHALT & ABRASIVE MATERIALS

Discover our blades especially designed for cutting of: asphalt, asphalt over concrete, green concrete, bitumen, cement joints, breeze blocks and Lignacite blocks



EXTREME ASPHALT

The Extreme Asphalt blade delivers extremely fast cutting performance and accuracy. The ideal diamond blade for all high speed saws and floor saws when cutting asphalt, asphalt over concrete, green concrete and abrasive building materials.

- 15mm laser welded duo shaped segments protect against undercutting on the steel centre and give the blade excellent cutting speed, low vibration when in use, and an extended product life*.
- The patented 'depth of cut' indicator with stroboscope effect provides the user with greater control*.
- 8 high wear protection segments further extend the blade's life.
- Exclusive "arrow" shaped engraving permanently marks the direction of rotation*.
- Wide gullet slots contribute to fast removal of cutting debris.



* Only on blades for <20 hp machines

MACHINE	POWER	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	< 20 hp	300	20	15/3	70184694907	###,##
	< 20 hp	350	25,4	15/3,2	70184694537	###,##
	< 20 hp	400	25,4	15/3,2	70184694911	###,##
	< 20 hp	450	25,4	15/3,2	70184694912	###,##
	< 20 hp	500	25,4	15/3,6	70184694913	###,##

Formerly Duo Asphalt+



NAME	MACHINE	POWER	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
Asphalt 10		20 - 30 hp	500	25,4	10/4,3	70184640191	###,##
		20 - 60 hp	600	25,4	12/4,4	70184603293	###,##
		20 - 60 hp	700	25,4	12/4,4	70184603354	###,##
		20 - 60 hp	800	25,4	12/4,4	70184603355	###,##
		20 - 30 hp	900	25,4	10/4,3	70184640195	###,##
		20 - 30 hp	1000	25,4	10/4,3	70184640196*	###,##
Asphalt 20		30 - 60 hp	500	25,4	10/4,3	70184640200*	###,##
		20 - 60 hp	600	25,4	12/4,4	70184603293	###,##
		20 - 60 hp	700	25,4	12/4,4	70184603354	###,##
		20 - 60 hp	800	25,4	12/4,4	70184603355	###,##
		30 - 60 hp	900	25,4	10/4,3	70184640204	###,##
Asphalt 30		60 - 90 hp	600	25,4	12/4,4	70184607905	###,##
Asphalt 40		60 - 90 hp	600	25,4	12/4,4	70184607905	###,##



Formerly Platinum

* Available on request

PRO ASPHALT

- Designed for intensive use, this blade displays excellent longevity and provides great value for money.
- Undercutting protection on the steel centre thanks to slanted segments.
- A patented depth and direction indicator, helps the operator maintain control over their application at all times.

MACHINES	POWER	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	< 20 hp	300	20	10/2,8	70184623182	###,##
	< 20 hp	300	25,4	10/2,8	70184623184	###,##
	< 20 hp	350	20	10/3,2	70184623185	###,##
	< 20 hp	350	25,4	10/3,2	70184623186	###,##
	< 20 hp	400	25,4	10/3,2	70184628159	###,##
	< 20 hp	450	25,4	10/3,2	70184628160	###,##
	< 20 hp	500	25,4	10/3,8	70184611979	###,##
	< 20 hp	600	25,4	7/3,8	70184611980	###,##

Formerly Super Asphalt Evo



CLASSIC ASPHALT

- Laser welded diamond segments make this blade suitable for wet or dry cutting of asphalt, asphalt over concrete, green concrete, abrasive materials and concrete roof tiles. Its versatility and price to performance ration, make this blade excellent value for money.

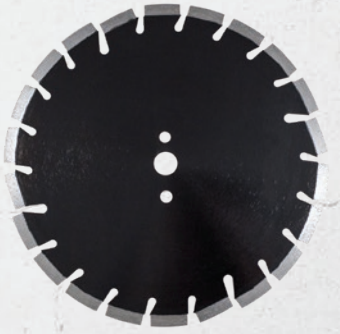
MACHINES	POWER	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	< 20 hp	300	20	10/2,5	70184626876	###,##
	< 20 hp	300	25,4	10/2,5	70184626877	###,##
	< 20 hp	350	20	10/2,8	70184626878	###,##
	< 20 hp	350	25,4	10/2,8	70184626879	###,##
	< 20 hp	400	20	10/3,2	70184645242	###,##
	< 20 hp	400	25,4	10/3,2	70184626880	###,##
	< 20 hp	450	25,4	10/3,2	70184626881	###,##
	< 20 hp	500*	25,4	10/3,2	70184601944	###,##
	< 20 hp	600*	25,4	10/3,2	70184601945	###,##

** 500-600mm with undercutting protection segments*



EXTREME GREEN CONCRETE

- 14mm high laser welded segments for longer life.
- Wear protection segments to prevent under-cutting of the steel core.
- For use on green concrete, lignacite and tarmac top blocks for machines up to 25 hp.



MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	300	25,4	14/3	70184602877	###,##
	350	25,4	14/3	70184602876	###,##
	400	25,4	14/3,3	70184603117	###,##

PRO GREEN CONCRETE

- Laser welded segments for wet cutting.
- Wear protection segments to help prevent under-cutting of the steel centre.
- For use on green concrete, lignacite and tarmac top blocks.



MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	300	25,4	10/2,5	70184624684	###,##
	350	25,4	10/2,8	70184624685	###,##

Formerly M45 Evo



EXTREME ASPHALT LB

Diamond blades with wide segments for loop cutting asphalt and abrasive materials with a floor saw.

- Large choice of segment widths to suit all loop cutting applications on abrasive materials.
- Thick steel centre and hammer segments for better protection against under-cutting of the steel core.



MACHINES	Ø (mm)	BORE (mm)	SEGMENT WIDTH (mm)	ITEM No.	PRICE (€)
	350	25,4	8	70184618296*	###,##
	350	25,4	10	70184615813*	###,##

Formerly Platinum LB

* Available on request



NOTES

DIAMOND BLADES FOR

REFRACTORY MATERIALS

Discover our blades especially designed for cutting of: Electrofused, Corhart ZAC, Corhart 104, Zirconia, Jargal, Mullite, Aluminia, Basalt, Oxydes - Dolomite, Tar & Magnesite, Oxydes - Magnesite & Chromite, Chrome. low and high content of aluminia. Oxydes - Zirconia, Silica, Beauxite, Durital, Rocal, Zirmul, Non oxydes - silicon carbide, Carborundum, Graphite... and all refractory materials.



EXTREME RC

Norton Clipper offers a high performance range diamond blades that have been specifically developed for professional contractors specializing in the maintenance of industrial surfaces.

Discover our wide selection of blades for all types of refractory bricks.



RECOMMENDATION GUIDE

	RC400	RC465	RC525	RC540	RC575	PRO BETON	PRO ZDM200	PRO ZMD944T
NON OXYDES (C 80-90%) (SiC 40-70%)								
Silicon Carbide, Carborundum, Graphite					●			
OXYDES								
Dolomite, Tar (MgO 40% CaO 60%)		●						
Magnesite (MgO 80-95%)		●	●				●	●
Chromite, Chrome (Cr_2O_3 30-10% MgO 40-80%)			●				●	●
Zirconia, Silica (ZrO_2 65-95%) (SiO_2)				●		●		
LOW CONTENT ALUMINIA (AL_2O_3 25-70%)								
Fireclay			●			●	●	
HIGH CONTENT ALUMINIA (AL_2O_3 70-95%)								
Mulite, Beauxite, Durital, Rocal, Zirmul				●		●		
ELECTROFUSED								
Corhart ZAC, Corhart 104, Zirconia, Jargal	●							
Mulite, Alumina, Basalt	●							
INSULATION			●			●	●	

Most diameters are also available as "silent" versions

EXTREME RC400

- Laser-welded diamond blade with key-hole geometry.
- For use on electrofused - Corhart ZAC, Corhart 104, Zirconia, Jargal, Mullite, Aluminia, Basalt.



MACHINES	Ø (mm)	BORE (mm)	STEEL TYPE	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	350	25,4	Standard	10/2,8	70184626203*	###,##
	400	25,4	Standard	10/3,2	70184626204*	###,##
SILENCIO	400	25,4	**Silencio**	10/3,2	70184602467	###,##
	450	25,4	Standard	10/3,8	70184626205*	###,##
	500	25,4	Standard	10/3,8	70184626206	###,##
	600	25,4	Standard	10/3,8	70184626586*	###,##
SILENCIO	650	60/25,4	**Silencio**	10/3,8	70184646191	###,##

* Available on request

EXTREME RC465

- Laser-welded diamond blade with key-hole geometry.
- For use on oxydes - Dolomite, Tar & Magnesite.



MACHINES	Ø (mm)	BORE (mm)	STEEL TYPE	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	350	25,4	Standard	10/3,2	70184645262	###,##
SILENCIO	350	25,4	**Silencio**	10/3,2	70184640519	###,##
	400	25,4	Standard	10/3,2	70184626316*	###,##
	450	25,4	Standard	10/3,8	70184626317*	###,##
SILENCIO	450	25,4	**Silencio**	10/3,8	70184630620	###,##
	500	25,4	Standard	10/3,8	70184626318	###,##
	600	25,4	Standard	10/3,8	70184626319*	###,##
	650	25,4	Standard	10/3,8	70184629314*	###,##

* Available on request

EXTREME RC525

- Laser-welded diamond blade with key-hole geometry.
- Fireclay insulation brick.
- For use on oxydes - Magnesite & Chromite, Chrome. Low Content Aluminia < 70%.



MACHINES	Ø (mm)	BORE (mm)	STEEL TYPE	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	350	25,4	Standard	10/2,8	70184626284	###,##
	400	25,4	Standard	12/3.2	70184628207	###,##
	450	25,4	Standard	12/3.8	70184626282*	###,##
SILENCIO	450	25,4	**Silencio**	12/3,8	70184629538	###,##
SILENCIO	500	25,4	**Silencio**	12/3,8	70184641533	###,##
	500	25,4	Standard	12/3.8	70184626283*	###,##
	600	25,4	Standard	12/3.8	70184626706*	###,##

* Available on request

EXTREME RC540

- Laser-welded diamond blade with wide-gullet geometry.
- Beauxite, Durital, Rocal, Zirmul.
- For use on Oxydes - Zirconia, Silica. High Content Aluminia >70% - Mullite.



MACHINES	Ø (mm)	BORE (mm)	STEEL TYPE	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	350	25,4	Standard	10/2,8	70184626285	###,##
SILENCIO	350	25,4	**Silencio**	10/3,2	70184629947	###,##
	400	25,4	Standard	10/3,2	70184626286*	###,##
	450	25,4	Standard	10/3,8	70184626287	###,##
	500	25,4	Standard	10/3,8	70184626288	###,##
SILENCIO	500	25,4	**Silencio**	10/3,8	70184626693	###,##
	600	25,4	Standard	10/3,8	70184626707*	###,##

* Available on request

EXTREME RC575

- Laser-welded diamond blade with wide-gullet geometry.
- For use on Non Oxydes - Silicon Carbide, Carborundum, Graphite.



MACHINES	Ø (mm)	BORE (mm)	STEEL TYPE	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	350	25,4	Standard	10/2,8	70184626320*	###,##
	400	25,4	Standard	10/3,2	70184626321*	###,##
	450	25,4	Standard	10/3,8	70184626322*	###,##
SILENCIO	450	25,4	**Silencio**	10/3,8	70184647831	###,##
SILENCIO	500	25,4	**Silencio**	10/3,8	70184631081	###,##
	500	25,4	Standard	10/3,8	70184626323*	###,##
	600	25,4	Standard	10/3,8	70184626324*	###,##

* Available on request



PRO BETON

- Good value for money laser-welded blade, with 10mm high free-cutting segments, for wet or dry cutting.
- Versatile product designed for petrol handheld saws, floor saws and masonry saws.
- For use on concrete, reinforced concrete, concrete slabs, refractory blocks containing aluminium oxydes.
- High performance blade, designed for concrete, and medium to hard refractory materials.



MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	350	25,4	10/2,8	70184627061	###,##
	400	25,4	10/3,2	70184627062	###,##
	450	25,4	10/3,2	70184627063	###,##
	500	25,4	10/3,8	70184627064	###,##
	600	25,4	10/4,0	70184627065	###,##

Formerly ZDH500

PRO ZDM 200

- Very good value for money laser welded Refractory blade for wet or dry cutting.
- For use on refractory materials such as oxydes, magnesite, chromite and insulation bricks.



MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	350	25,4	7/2,4	70184610238	###,##
	450	25,4	7/3,2	70184610239	###,##
	500	25,4	7/3,2	70184610240*	###,##

* Available on request

PRO ZMD 944T

- Very good value for money laser welded Refractory blade for wet or dry cutting.
- For use on refractory materials such as oxydes, magnesite, chromite and insulation bricks.



MACHINES	Ø (mm)	BORE (mm)	SEGMENT H/W (mm)	ITEM No.	PRICE (€)
	350	25,4	7/2,4	70184610284	###,##
	450	25,4	7/3,2	70184610285	###,##
	500	25,4	7/3,2	70184610286	###,##

NOTES

DRILLING CORE BITS FOR CONCRETE

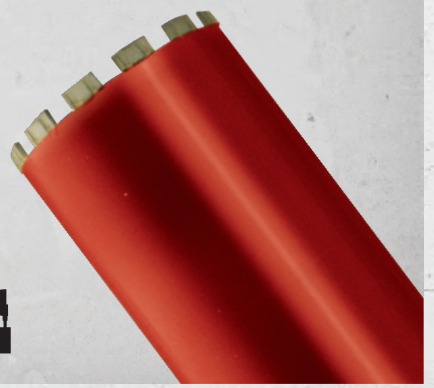
Discover our core bits especially designed for drilling: Reinforced concrete, cured concrete, kerb stones, concrete pipes, engineering bricks, facing bricks, refractory bricks, flagstones and paving stones, block paving, washed gravel concrete slabs, natural stone, flint, sandstone, limestone.



EXTREME CB BETON

The Extreme CB Beton diamond core bit uses a unique configuration of bond and diamond specification in a revolutionary new dual fluted/tapered segment, for extreme performance: easy drill-start, 20% faster drilling speed than standard corebits, better product life with 12mm segment height.

- **Useful length:** 450mm.
- **Connection:** 1 ¼" UNC female thread.
- **Applications:** concrete and reinforced concrete.
- Replacement segments can be found on page !!!





OD / ID* (mm)	SEGMENT L / W / H (mm)	No. SEGMENTS	ITEM No.	PRICE (€)
48/41	24/3,6/12	4	70184629370	###,##
52/45	24/3,6/12	4	70184629161	###,##
57/50	24/3,6/12	5	70184630406**	###,##
62/55	24/3,6/12	5	70184629338	###,##
67/60	24/3,6/12	5	70184629162	###,##
77/70	24/3,6/12	6	70184629163	###,##
82/75	24/3,6/12	6	70184629174	###,##
87/80	24/3,6/12	7	70184630450	###,##
92/85	24/3,6/12	7	70184629167	###,##
102/95	24/3,6/12	8	70184629176	###,##
107/100	24/3,6/12	9	70184629091	###,##
112/105	24/3,6/12	9	70184629052	###,##
117/110	24/3,6/12	9	70184629685**	###,##
122/114	24/4/12	9	70184629455	###,##
127/119	24/4/12	10	70184629175	###,##
132/124	24/4/12	10	70184629339	###,##
142/134	24/4/12	10	70184629866	###,##
152/144	24/4/12	11	70184629104	###,##
162/154	24/4/12	12	70184629165	###,##
178/170	24/4/12	13	70184629166	###,##
182/174	24/4/12	13	70184629349	###,##
187/179	24/4/12	14	70184629177**	###,##
192/184	24/4/12	14	70184630380	###,##
202/192	24/5/12	14	70184629178	###,##
212/202	24/5/12	15	70184629151**	###,##
225/215	24/5/12	15	70184629179**	###,##
230/220	24/5/12	15	70184630442	###,##
250/240	24/5/12	16	70184629180	###,##
272/262	24/5/12	17	70184629912**	###,##
276/266	24/5/12	17	70184629843**	###,##
300/290	24/5/12	18	70184629534	###,##
325/315	24/5/12	18	70184629913	###,##
350/340	24/5/12	19	70184629701	###,##
400/390	24/5/12	20	70184629902	###,##
450/440	24/5/12	22	70184630038	###,##
500/490	24/5/12	24	70184630998	###,##
550/540	24/5/12	26	70184630936**	###,##
600/590	24/5/12	28	70184601678**	###,##
650/640	24/5/12	29	70184647527**	###,##



** OD / ID: Outer Diameter / Inner Diameter.* *Formerly X3* ** Available on request

PRO CB BETON CROWNED

- **Useful length:** 300mm.
- **Connection:** ½" Male thread.
- **Applications:** for concrete and masonry walls.
- Professional crownbit for small diameters wet-drilling jobs.
- Brazed crownbit for wet-drilling.
- Replacement segments can be found on page !!!.

OD / ID* (mm)	CROWN W / H (mm)	No. SEGMENTS	ITEM No.	PRICE (€)
14/10	7/2,0	1 Crown	70184612947	###,##
16/12	7/2,0	1 Crown	70184612823	###,##
18/14	7/2,0	1 Crown	70184612824	###,##
20/16	7/2,0	1 Crown	70184612825	###,##
22/18	7/2,0	1 Crown	70184612826	###,##
25/21	7/2,0	1 Crown	70184612827	###,##
28/24	7/2,0	1 Crown	70184612828	###,##
30/26	7/2,0	1 Crown	70184612829	###,##
32/28	7/2,0	1 Crown	70184612830	###,##
35/31	7/2,0	1 Crown	70184612831	###,##
38/34	7/2,0	1 Crown	70184612833	###,##
40/36	7/2,0	1 Crown	70184612834	###,##
51/47	7/2,0	1 Crown	70184612835	###,##

** OD / ID: Outer Diameter / Inner Diameter.*



PRO CB BETON XT

- **Useful length:** 300mm.
- **Connection:** ½" Male thread.
- **Applications:** for use on concrete and re-enforced concrete, brick and masonry walls.
- Light weight laser welded core bit for handheld drilling applications.
- 10mm high extra thin tapered top segments for very fast drilling and quick start.
- Replacement segments can be found on page !!!.

OD / ID* (mm)	SEGMENT L / W / H (mm)	No. SEGMENTS	ITEM No.	PRICE (€)
52/47	24/2,6/10	4	70184641409	###,##
62/57	24/2,6/10	4	70184641410	###,##
72/67	24/2,6/10	5	70184641411	###,##
82/77	24/2,6/10	6	70184641412	###,##
92/87	24/2,6/10	7	70184641413	###,##
102/97	24/2,6/10	8	70184641415	###,##
112/107	24/2,6/10	8	70184641416	###,##
122/117	24/2,6/10	9	70184641417	###,##
132/127	24/2,6/10	9	70184641419	###,##

** OD / ID: Outer Diameter / Inner Diameter.*



PRO CB BETON

- **Useful length:** 450mm.
- **Connection:** 1 ¼" UNC female thread.
- **Applications:** concrete and reinforced concrete, masonry blocks. Also suitable for asphalt & abrasive materials.
- Core drills with laser welded segments for wet drilling. The special tapered-shape segments allow for an easier start of the drill.
- Replacement segments can be found on page !!!.

OD / ID* (mm)	SEGMENT L / W / H (mm)	No. SEGMENTS	ITEM No.	PRICE (€)
52/45	24/3,5/10	4	70184624870	###,##
57/50	24/3,5/10	4	70184624871	###,##
62/55	24/3,5/10	5	70184624872	###,##
67/60	24/3,5/10	5	70184624873	###,##
72/65	24/3,5/10	5	70184624874	###,##
77/70	24/3,5/10	6	70184624875	###,##
82/75	24/3,5/10	6	70184624876	###,##
87/80	24/3,5/10	6	70184624878	###,##
92/85	24/3,5/10	7	70184624879	###,##
102/95	24/3,5/10	8	70184624880	###,##
107/100	24/3,5/10	8	70184624881	###,##
112/105	24/3,5/10	8	70184624882	###,##
122/114	24/4,0/10	9	70184624883	###,##
127/119	24/4,0/10	9	70184624884	###,##
132/124	24/4,0/10	9	70184624885	###,##
142/134	24/4,0/10	10	70184624886	###,##
152/144	24/4,0/10	11	70184624887	###,##
162/154	24/4,0/10	11	70184624888	###,##
172/164	24/4,0/10	12	70184624889	###,##
182/174	24/4,0/10	12	70184624890	###,##
202/194	24/4,0/10	14	70184624892	###,##
212/203	24/4,5/10	14	70184624893**	###,##
227/218	24/4,5/10	15	70184624894	###,##
252/243	24/4,5/10	16	70184624895	###,##
272/263	24/4,5/10	18	70184624896**	###,##
300/290	24/5,0/10	19	70184624897	###,##
350/340	24/5,0/10	21	70184624900	###,##
400/390	24/5,0/10	24	70184624901	###,##

** OD / ID: Outer Diameter / Inner Diameter.*

** Available on request



PRO CB BETON SOFT

- **Useful length:** 450mm.
- **Connection:** 1 ¼" UNC female thread.
- **Applications:** Concrete, reinforced concrete and hard building materials.
- 10mm brazed segments for wet drilling.
- Special soft bound for use in harder materials or for high speed drillings.
- Recommended core bit to cut hard materials.
- Replacement segments can be found on page !!!.

OD / ID* (mm)	SEGMENT L / W / H (mm)	No. SEGMENTS	ITEM No.	PRICE (€)
48/41	24/3,5/10	4	70184694640	###,##
52/45	24/3,5/10	4	70184694641	###,##
67/60	24/3,5/10	5	70184694642	###,##
77/70	24/3,5/10	6	70184694643	###,##
82/75	24/3,5/10	6	70184694644	###,##
100/93	24/3,5/10	9	70184694585	###,##
102/95	24/3,5/10	9	70184601394	###,##
107/100	24/3,5/10	9	70184694645	###,##
127/119	24/4,0/10	10	70184694646	###,##
132/124	24/4,0/10	10	70184694647	###,##
152/144	24/4,0/10	10	70184694648	###,##
202/192	24/4,5/10	11	70184694649	###,##
250/240	24/5,0/10	14	70184694650	###,##

** OD / ID: Outer Diameter / Inner Diameter. Formerly X14*



CLASSIC CB BETON

- **Useful length:** 450mm.
- **Connection:** 1 ¼" UNC female thread.
- **Applications:** for concrete and masonry walls.
- Core drill with brazed segments.
- Good value for money.
- Replacement segments can be found on page !!!.



OD / ID* (mm)	SEGMENT L / W / H (mm)	No. SEGMENTS	ITEM No.	PRICE (€)
51/45	24/3,0/10	5	70184613201	###,##
56/50	24/3,0/10	5	70184613202	###,##
61/55	24/3,5/10	5	70184613203	###,##
66/59	24/3,5/10	6	70184613204	###,##
71/64	24/3,5/10	6	70184613205	###,##
76/69	24/3,5/10	6	70184613206	###,##
81/74	24/3,5/10	7	70184613207	###,##
86/79	24/3,5/10	7	70184613208	###,##
91/84	24/3,5/10	8	70184613209	###,##
101/94	24/3,5/10	8	70184613210	###,##
106/99	24/3,5/10	9	70184613211	###,##
111/104	24/3,5/10	9	70184613212	###,##
121/114	24/3,5/10	10	70184613213	###,##
126/118	24/4,0/10	10	70184613214	###,##
131/123	24/4,0/10	10	70184613215	###,##
141/133	24/4,0/10	11	70184613216	###,##
151/143	24/4,0/10	12	70184613217	###,##
161/153	24/4,0/10	12	70184613218	###,##
171/163	24/4,0/10	13	70184613219	###,##
181/173	24/4,0/10	13	70184613220	###,##
186/178	24/4,0/10	13	70184630513	###,##
191/183	24/4,0/10	13	70184613221**	###,##
201/193	24/4,0/10	14	70184613222	###,##
211/203	24/4,0/10	14	70184613223	###,##
225/215	24/5,0/10	15	70184613252	###,##
251/241	24/5,0/10	16	70184613224	###,##
271/261	24/5,0/10	18	70184613253	###,##
300/290	24/5,0/10	20	70184613225	###,##

** OD / ID: Outer Diameter / Inner Diameter.*

** Available on request

CLASSIC CB BETON SOFT

- **Useful length:** 450mm.
- **Connection:** 1 ¼" UNC female thread.
- **Applications:** concrete, masonry walls and harder materials.
- Core drill with laser welded segments.
- Good value for money.
- Recommended core bit to cut hard materials.
- Replacement segments can be found on page !!!.



OD / ID* (mm)	SEGMENT L / W / H (mm)	No. SEGMENTS	ITEM No.	PRICE (€)
51/45	24/3,0/10	3	70184624203	###,##
61/55	24/3,5/10	3	70184624204	###,##
81/74	24/3,5/10	4	70184624206	###,##
101/94	24/3,5/10	6	70184624208	###,##
111/104	24/3,5/10	7	70184624210	###,##
121/114	24/3,5/10	7	70184624209	###,##
131/124	24/4,0/10	7	70184624211	###,##
151/143	24/4,0/10	8	70184624212	###,##
161/153	24/4,0/10	8	70184624213	###,##

** OD / ID: Outer Diameter / Inner Diameter. Formerly Classic CDT*

PRO CB BETON ROBO

- For concrete, reinforced concrete, concrete pipes, ductile iron pipes.
- Useful length: 300mm.
- Connection: 3-hole flange.
- Especially adapted for use on ROBO core drilling machine.
- Replacement segments can be found on page !!!.

OD / ID* (mm)	SEGMENT L / W / H (mm)	No. SEGMENTS	ITEM No.	PRICE (€)
111/104	24/3,5/10,0	7	70184612951	###,##
126/120	24/3,5/10,0	8	70184612952	###,##
137/129	24/4,0/10,0	9	70184613170	###,##
152/144	24/4,0/10,0	10	70184612883	###,##
161/153	24/4,0/10,0	10	70184612954**	###,##
166/158	24/4,0/10,0	10	70184620436	###,##
171/163	24/4,0/10,0	11	70184612955**	###,##
178/170	24/4,0/10,0	12	70184620348**	###,##
182/174	24/4,0/10,0	12	70184613316	###,##
187/179	24/4,0/10,0	12	70184613075	###,##
196/187	24/4,0/10,0	12	70184612882	###,##
201/192	24/4,0/10,0	12	70184612956	###,##
211/202	24/4,0/10,0	12	70184612957	###,##
225/216	24/4,0/10,0	12	70184612958	###,##
248/238	24/5,0/10,0	13	70184612884	###,##
251/241	24/5,0/10,0	13	70184612959	###,##
257/247	24/5,0/10,0	13	70184612960	###,##
277/267	24/5,0/10,0	14	70184613080	###,##
290/280	24/5,0/10,0	16	70184613081**	###,##
296/286	24/5,0/10,0	16	70184613082**	###,##
299/289	24/5,0/10,0	16	70184613076	###,##
330/320	24/5,0/10,0	17	70184613083**	###,##
355/345	24/5,0/10,0	18	70184613127	###,##

** OD / ID: Outer Diameter / Inner Diameter.*

Formerly Robo Forsheda ** Available on request





Clipper's Tip

USE THE NORTON CLIPPER 3-HOLED FLANGE WITH 1"¼ FEMALE ADAPTOR - 3100 04594.



PRO CB BETON ROBO SOFT

- For concrete, reinforced concrete, concrete pipes, natural stone and granite.
- Useful length: 300mm.
- Connection: 3-hole flange.
- Special soft bound for use on harder marterial and for easy and high speed drillings.
- Especially adapted for use on ROBO core drilling machine thanks to its corrugated shape.
- Recommended core bit to cut hard materials.
- Replacement segments can be found on page !!!.

OD / ID* (mm)	SEGMENT L / W / H (mm)	No. SEGMENTS	ITEM No.	PRICE (€)
111/104	24/3,8/10,0	7	70184602741	###,##
152/144	24/4,2/10,0	10	70184602730	###,##
196/187	24/4,5/10,0	12	70184602729	###,##
225/216	24/4,5/10,0	12	70184603135	###,##
248/239	24/5,0/10,0	13	70184602725	###,##
299/289	24/5,0/10,0	16	70184603098	###,##
355/345	24/5,0/10,0	18	70184603099	###,##

** OD / ID: Outer Diameter / Inner Diameter.*





EXTREME CB BETON SEGMENTS

- **Applications:** concrete and reinforced concrete.
- Retipping segments for Extreme Beton corebits.

RANGE (mm)	SEGMENT L / W / H (mm)	ITEM No.	PRICE (€)
42-57	24/2,8/10	310390374	###,##
58-72	24/2,8/10	310390375	###,##
73-87	24/2,8/10	310390386	###,##
88-102	24/2,8/10	310390387	###,##
103-117	24/2,8/10	310390388	###,##
118-146	24/3,2/10	310390389	###,##
147-190	24/3,2/10	310390391	###,##
191-290	24/3,5/10	310390392	###,##
291-490	24/4,0/10	310390406	###,##

Formerly X3 Segments



PRO CB BETON CROWNS

- **Applications:** Concrete and reinforced concrete, masonry.
- Retipping crowns for Pro CB Beton crownbits.

OD / ID* (mm)	CROWN H / W (mm)	ITEM No.	PRICE (€)
14/10	7/2,0	310328465	###,##
16/12	7/2,0	310328467	###,##
18/14	7/2,0	310328468	###,##
20/16	7/2,0	310328469	###,##
22/18	7/2,0	310328470	###,##
25/21	7/2,0	310328482	###,##
28/24	7/2,0	310328485	###,##
30/26	7/2,0	310328486	###,##
32/28	7/2,0	310328487	###,##
35/31	7/2,0	310328488	###,##
40/36	7/2,0	310328490	###,##
51/47	7/2,0	310328491	###,##

** OD / ID: Outer Diameter / Inner Diameter.*



PRO CB BETON SEGMENTS

- **Applications:** Concrete and reinforced concrete, masonry blocks. Also suitable for asphalt & abrasive materials.
- Retipping segments for Pro CB Beton segmented corebits.

RANGE (mm)	SEGMENT L / W / H (mm)	ITEM No.	PRICE (€)
42-57	24/3,5/10	310377850	###,##
58-72	24/3,5/10	310377851	###,##
73-87	24/3,5/10	310377852	###,##
88-102	24/3,5/10	310377853	###,##
103-117	24/4,0/10	310377854	###,##
118-146	24/4,0/10	310377855	###,##
147-190	24/4,0/10	310377886	###,##
191-290	24/4,5/10	310377887	###,##
291-490	24/5,0/10	310377888	###,##
500-1000	24/5,0/10	310377890	###,##



PRO CB BETON SOFT SEGMENTS

RANGE (mm)	SEGMENT L / W / H (mm)	ITEM No.	PRICE (€)
42-57	24/3,5/10	310461243	###,##
58-72	24/3,5/10	310461244	###,##
73-87	24/3,5/10	310459189	###,##
88-102	24/3,5/10	310459337	###,##
103-117	24/4,0/10	310461245	###,##
118-146	24/4,0/10	310461266	###,##
147-190	24/4,0/10	310459338	###,##
191-290	24/4,5/10	310459336	###,##
291-490	24/5,0/10	310461358	###,##
500-1000	24/5,0/10	310461359	###,##

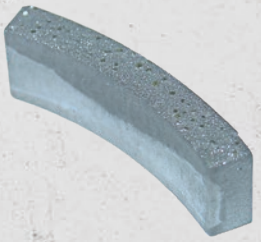
Formerly X14



CLASSIC CB BETON SEGMENTS

- **Applications:** concrete and concrete products.
- Retipping segments for Classic CB Beton corebits.

RANGE (mm)	SEGMENT L / W / H (mm)	ITEM No.	PRICE (€)
51-61	24/3,0/10	310002554	###,##
66-76	24/3,5/10	310002555	###,##
81-91	24/3,5/10	310002556	###,##
96-116	24/3,5/10	310002557	###,##
121-151	24/4,0/10	310002558	###,##
156-186	24/4,0/10	310002559	###,##
191-221	24/4,0/10	310002560	###,##
225	24/5,0/10	310002561	###,##



DRILLING CORE BITS FOR UNIVERSAL BUILDING MATERIALS

Core bits especially designed for drilling masonry and light builing materials on hand held machines. Ideal for plumbers and electricians.



EXTREME CB UNIVERSAL

- **Useful length:** 150mm (M16), 250 and 300mm (1 ¼" UNC).
- For dry-drilling of non-reinforced masonry walls, poroton, concrete blocks and abrasive materials.
- Swirled shaped core for reduced friction and improved dust removal (M16 product).

OD* (mm)	CONNECTION	SEGMENT HEIGHT (mm)	No. SEGMENTS	CORE LENGHT (mm)	ITEM No.	PRICE (€)
32	M16 female thread	7	2	150	70184601872**	###,##
36	M16 female thread	7	3	150	70184601873**	###,##
	1 ¼" UNC Female	9	4	300	70184601777***	###,##
42	M16 female thread	7	3	150	70184601791**	###,##
	1 ¼" UNC Female	9	4	300	70184601779***	###,##
52	M16 female thread	7	3	150	70184601792**	###,##
	1 ¼" UNC Female	9	4	300	70184601780***	###,##
65	M16 female thread	7	3	150	70184601793**	###,##
	1 ¼" UNC Female	9	4	300	70184601781***	###,##
82	M16 female thread	7	4	150	70184601794**	###,##
	1 ¼" UNC Female	9	4	300	70184601782***	###,##
91	M16 female thread	7	5	150	70184601874**	###,##
102	M16 female thread	7	5	150	70184601795**	###,##
	1 ¼" UNC Female	9	5	300	70184601783***	###,##
107	M16 female thread	7	5	150	70184601796**	###,##
	1 ¼" UNC Female	9	5	300	70184601784***	###,##
117	M16 female thread	7	6	150	70184601797**	###,##
	1 ¼" UNC Female	9	6	300	70184601785***	###,##
127	M16 female thread	7	6	150	70184601798**	###,##
	1 ¼" UNC Female	9	6	300	70184601786***	###,##
142	1 ¼" UNC Female	9	7	250	70184601787***	###,##
152	M16 female thread	7	7	150	70184601799**	###,##
	1 ¼" UNC Female	9	7	250	70184601788***	###,##
162	M16 female thread	7	8	150	70184601800**	###,##
	1 ¼" UNC Female	9	8	250	70184601789***	###,##
202	M16 female thread	7	9	150	70184601875**	###,##
	1 ¼" UNC Female	9	9	250	70184601790***	###,##

** OD: Outer Diameter*

*Formerly ** DD5 Gold *** DD6 Gold*





PRO CB UNIVERSAL

- **Useful length:** 150mm.
- **Connection:** ½" BSP Female.
- High performance dry core bit.
- Faster drilling speed than Classic CB Universal range.



OD* (mm)	CORE LENGTH (mm)	No. SEGMENTS	ITEM No.	PRICE (€)
38	150	3	70184640160	###,##
48	150	3	70184694047	###,##
52	150	3	70184640161	###,##
65	150	3	70184640162	###,##
78	150	4	70184640163	###,##
91	150	5	70184694048	###,##
107	150	5	70184640164	###,##
117	150	6	70184640165	###,##
127	150	7	70184640166	###,##
152	150	8	70184640167	###,##

** OD: Outer Diameter*

Formerly Arid 7

CLASSIC CB UNIVERSAL

- **Useful length:** 150mm (300mm for diam 28mm).
- **Connection:** ½" BSP Female.
- Conical connection shape improves the mounting of the corebit. A better mount reduces vibration when in use and makes the corebit safer to use.
- Optimised for the best balance between drilling speed, product life and comfort.



DIA (mm)	No. SEGMENTS	SEG HEIGHT (mm)	ITEM No.	PRICE (€)
28	2	7	70184620351	###,##
38	3	7	70184620352	###,##
52	3	7	70184620353	###,##
65	3	7	70184640268	###,##
78	4	7	70184620354	###,##
107	5	7	70184620355	###,##
117	6	7	70184620356	###,##
127	7	7	70184620357	###,##
128	7	7	70184620358	###,##

Formerly Arid 5

PRO DS

- **Length:** 60mm.
- **Connection:** M16 Female.
- **Applications:** medium-hard building materials.

- High quality laser-welded, segmented drill bit for handheld drilling. This professional standard tool is suitable for dry drilling of electrical sockets and switches.



OD* (mm)	ITEM No.	PRICE (€)
68	70184612873	###,##
82	70184612874	###,##

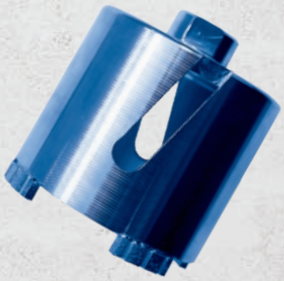
** OD: Outer Diameter*

Formerly Pro Arid DS

CLASSIC DS

- **Length:** 60mm.
- **Connection:** M16 Female.
- **Application:** medium-hard building materials.

- Representing great value for money, this laser-welded, segmented drill bit is made for handheld drilling and is suitable for dry drilling of electrical sockets and switches.



OD* (mm)	ITEM No.	PRICE (€)
68	70184620422	###,##
82	70184620423	###,##

** OD: Outer Diameter*

Formerly Classic Arid DS

DRILLING CORE BITS

DRY DIAMOND CORE DRILLS ARE USED TO CREATE HOLES QUICKLY AND NEATLY IN BRICK AND BLOCK, USUALLY TO ALLOW PIPEWORK THROUGH WALLS



CLASSIC CB UNIVERSAL PLUMBER KIT

Dry drilling is a fairly simple process requiring a drill motor of min 800W equipped with a clutch. Power drills or drilling motors with three jaw chucks, SDS and ½" BSP fittings can all be used with Norton dry diamond cores once the correct adaptor has been chosen. Accessories like length extensions or dust-swivel can also be fitted (see page 147).

MACHINES	DESCRIPTION	ITEM No.	PRICE (€)
	CLASSIC CB UNIVERSAL DRY DIAMOND CORE 5-SET Containing : 38mm, 52mm, 65mm, 117mm, 127mm Cores, 1 x Hex, 1 x SDS ½" Male Adaptor, 1 x Ejector Drift, 1 x A Taper Masonry Drill, 1 x 200mm Extention ½" Male-Female, ½"-½" Male-Male adaptor.	70184640014	###,##

All above Dry Core Bits have ½" BSP female back end fitting.

DRILLING CORE BITS FOR NATURAL STONE & TILES

For granite, marble, natural stone, ceramic tiles and porcelain.



PRO CB GRANITE

- **Useful length:** 450mm.
- **Connection:** 1" ¼ Female.
- **Application:** granite and natural stones.
- Core-bit with brased segments, especially designed for wet-drilling of granite and natural stones.



OD / ID* (mm)	No. SEGMENTS	SEGMENT L / W / H (mm)	ITEM No.	PRICE (€)
48/41	3	3,8x10x24	70184693981**	###,##
52/45	3	3,8x10x24	70184693982**	###,##
62/55	3	3,8x10x24	70184630598**	###,##
67/60	3	3,8x10x24	70184693983**	###,##
77/70	4	3,8x10x24	70184693984**	###,##
82/75	4	3,8x10x24	70184626708**	###,##
92/84	4	3,8x10x24	70184630190**	###,##
101/94	4	3,8x10x24	70184624655**	###,##
107/100	5	3,8x10x24	70184693986**	###,##
121/113	5	4,2x10x24	70184628192**	###,##
127/119	6	4,2x10x24	70184693987**	###,##
132/124	6	4,2x10x24	70184693988**	###,##
151/143	7	4,5x10x24	70184626244**	###,##
202/203	8	4,5x10x24	70184693990**	###,##
250/241	9	4,5x10x24	70184693991**	###,##

** OD / ID: Outer Diameter / Inner Diameter.*

** Available on request

PRO CB GRANITE SEGMENTS

- **Application:** granite and natural stone.
- Retipping segments for Pro CB Granite corebits.



RANGE (mm)	SEGMENT L / W / H (mm)	ITEM No.	PRICE (€)
42-57	3,8/2,8x10x24	310451214	###,##
58-72	3,8/2,8x10x24	310451237	###,##
73-87	3,8/2,8x10x24	310451239	###,##
88-102	3,8/2,8x10x24	310451240	###,##
103-117	3,8/2,8x10x24	310451241	###,##
118-146	4,2/3,2x10x24	310451242	###,##
147-190	4,2/3,2x10x24	310451243	###,##
191-290	4,5/3,5x10x24	310451244	###,##
291-490	5,0/4,0x10x24	310451245	###,##
500-1000	5,0/4,0x10x24	310451246	###,##

EXTREME VB DRY

- **Connection:** M14 for fitting directly onto angle-grinders.
- Vacuum-brazed diamond drills designed for dry-drilling of hard ceramic tiles and natural stones.





OD* (mm)	ITEM No.	PRICE (€)
6 x M14	70184647338	###,##
8 x M14	70184647339	###,##
10 x M14	70184647340	###,##
12 x M14	70184647341	###,##
14 x M14	70184602901	###,##
18 x M14	70184602902	###,##
20 x M14	70184645760	###,##
28 x M14	70184645761	###,##
30 x M14	70184602903	###,##
32 x M14	70184602904	###,##
35 x M14	70184645762	###,##
40 x M14	70184602905	###,##
45 x M14	70184645763	###,##
50 x M14	70184694357	###,##
55 x M14	70184646255	###,##
60 x M14	70184602906	###,##
65 x M14	70184602907	###,##
68 x M14	70184645764	###,##
70 x M14	70184602908	###,##
75 x M14	70184602909	###,##
82 x M14	70184645765	###,##
102 x M14	70184602119	###,##
107 x M14	70184602120	###,##
132 x M14	70184602121	###,##
Suitcase pack containing dia. 20, 28, 35, 50, 68mm + mounting wrench	70184694328	###,##
Suitcase pack containing dia. 6/8/10/12/35/45/68 + centering device	70184694419	###,##
Suitcase pack containing dia. 20, 35, 40, 68mm + mounting wrench (only EN and DE languages)	70184601112	###,##

** OD: Outer Diameter*

CLASSIC VB DRY

- **Connection:** Ø 10mm connection for 3-jaw chuck power drills.
- **Application:** For dry or wet drilling.
- Electroplated diamond drills designed for drilling all types of tiles found in the industry, will also give outstanding performance on hard and brittle materials such as marble, granite and porcelain.



OD* (mm)	ITEM No.	PRICE (€)
6	310305776	###,##
8	310305777	###,##
10	310305778	###,##
12	310305780	###,##
14	310305792	###,##
28	310305793	###,##
35	310305794	###,##
45	310316728	###,##
68	310316729	###,##
82	310316730	###,##
3-Pack 6/8/10	310301580	###,##
Vacuum asorption centering tool 6/8/10/12	310074148**	###,##

** OD: Outer Diameter*

** Available on request

ACCESSORIES

DESCRIPTION	ITEM No.	PRICE (€)
Centering device for small diameters up to 28mm	310491177	###,##
Centering device for diameters up to 90mm	70184645766	###,##
M14-Hex adaptor	310464939	###,##





ACCESSORIES



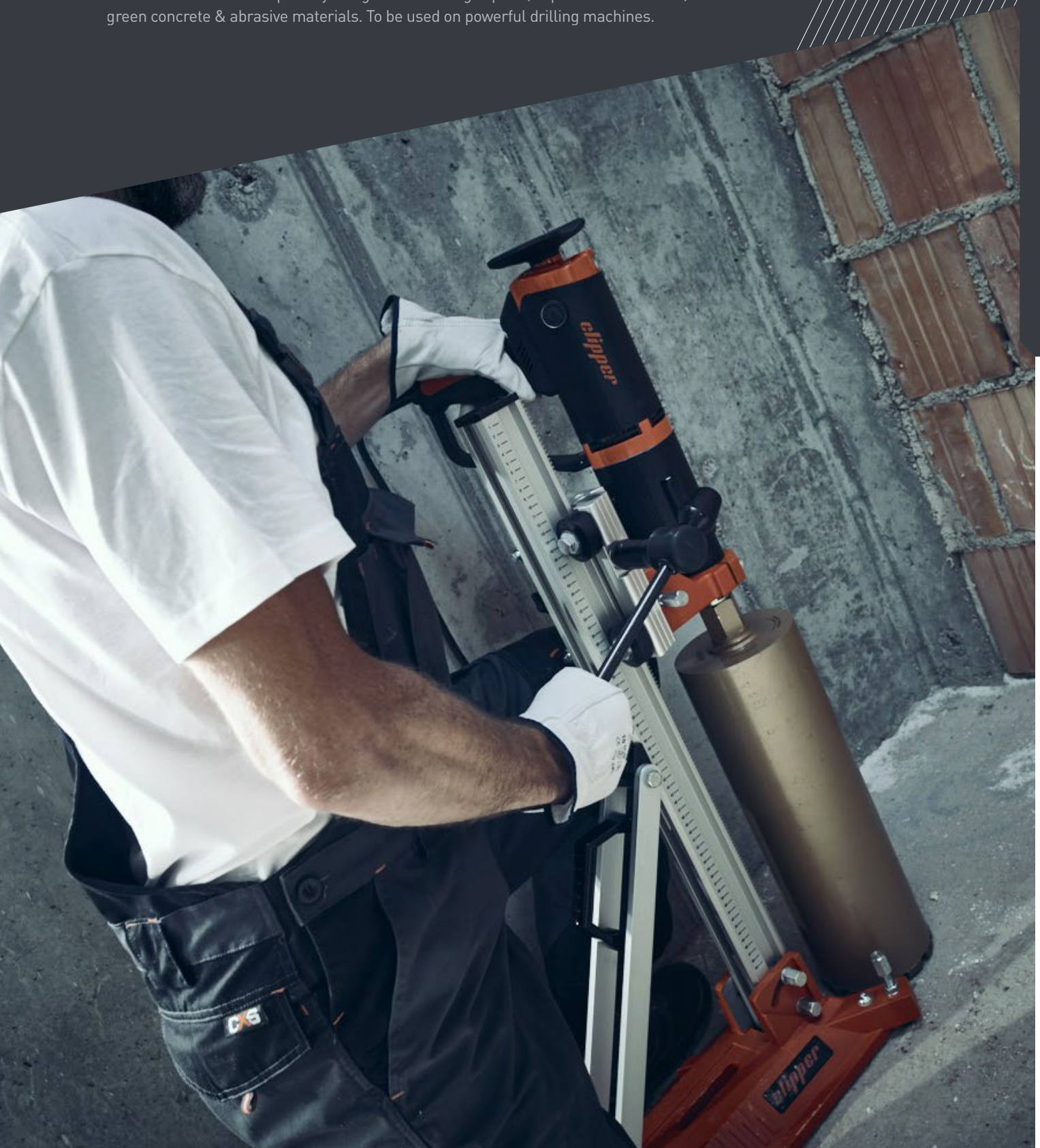






DRILLING CORE BITS FOR ASPHALT & ABRASIVE MATERIALS

Discover our core bits especially designed for drilling asphalt, asphalt over concrete, green concrete & abrasive materials. To be used on powerful drilling machines.



EXTREME CB ASPHALT

- **Useful length:** 450mm.
- **Connection:** 1" ¼ Female.
- **Applications:** For roads and pavements.
- High performance, laser welded core bit ideal for abrasive materials and powerful machines.
- Featuring fluted segments which provide speed and extended product life.



OD / ID* (mm)	No. SEGMENTS	SEGMENT L / W / H (mm)	ITEM No.	PRICE (€)
45/37	4	3,8x12x24	70184640578**	###,##
48/41	4	3,8x12x24	70184630755**	###,##
57/49	5	3,8x12x24	70184640579**	###,##
67/59	5	3,8x12x24	70184630759**	###,##
77/69	6	3,8x12x24	70184630762**	###,##
92/84	7	3,8x12x24	70184630768**	###,##
102/94	8	3,8x12x24	70184630769**	###,##
107/99	9	3,8x12x24	70184630771**	###,##
112/104	9	3,8x12x24	70184630772**	###,##
117/109	9	3,8x12x24	70184630773**	###,##
127/119	10	4,2x12x24	70184630774**	###,##
132/124	10	4,2x12x24	70184630775**	###,##
152/144	11	4,2x12x24	70184630776**	###,##
162/154	12	4,2x12x24	70184630777**	###,##
178/170	13	4,2x12x24	70184630778**	###,##
187/179	14	4,2x12x24	70184630779**	###,##
202/193	14	4,5x12x24	70184630780**	###,##
212/203	15	4,5x12x24	70184630781**	###,##
225/216	15	4,5x12x24	70184630782**	###,##
250/241	16	4,5x12x24	70184630783**	###,##
275/266	17	4,5x12x24	70184630822**	###,##
300/290	18	5x12x24	70184630808**	###,##
325/315	18	5x12x24	70184630810**	###,##
350/340	19	5x12x24	70184630811**	###,##
400/390	20	5x12x24	70184630833**	###,##
450/440	22	5x12x24	70184630812**	###,##
500/490	24	5x12x24	70184640073**	###,##
550/540	26	5x12x24	70184640581**	###,##
600/590	28	5x12x24	70184640582**	###,##
700/690	30	5x12x24	70184640583**	###,##

** OD / ID: Outer Diameter / Inner Diameter.* *Formerly X5* ** Available on request

EXTREME ASPHALT SEGMENTS

- **Applications:** Abrasive materials and powerful machines.
- Rettiping segments for Extreme CB Asphalt.



RANGE (mm)	SEGMENT L / W / H (mm)	ITEM No.	PRICE (€)
42-57	3,8x10x24	310390425	###,##
58-72	3,8x10x24	310390456	###,##
73-87	3,8x10x24	310390457	###,##
88-102	3,8x10x24	310390458	###,##
103-117	3,8x10x24	310390459	###,##
118-146	4,2x10x24	310390460	###,##
147-190	4,2x10x24	310390461	###,##
191-290	4,5x10x24	310390463	###,##
291-490	5,0x10x24	310390464	###,##
500-1000	5,0x10x24	310390477	###,##

NORTON SAINT-GOBAIN

clipper®

TILE SAWS

Norton Clipper tile saws are designed for a wide variety of ceramic tiles.
For the best results, combine them with a Norton Clipper diamond blade.



TILE TABLE SAW



TT180 BM 550w



TT200 EM 800w



TT251 1000w

TILE RAIL SAW



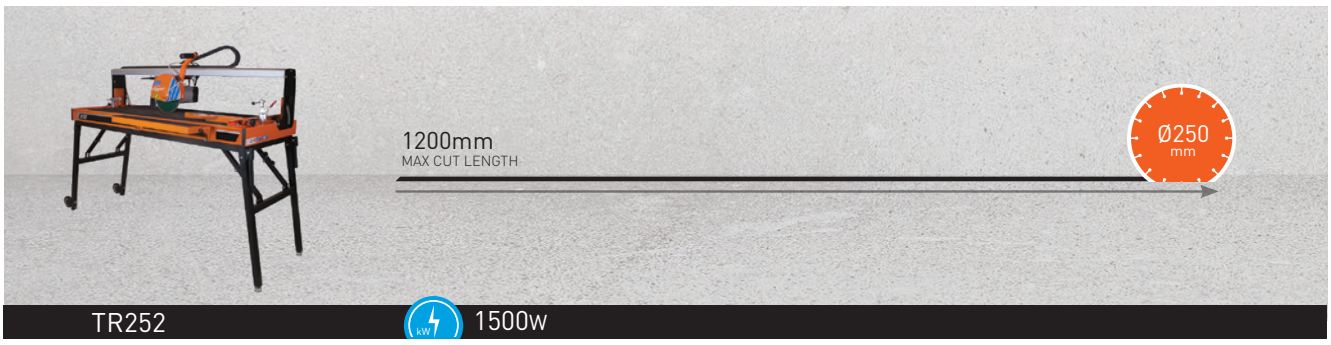
TR202 900w



TR232 S 1100w



TR232 L 1100w



TR252 1500w

TT180 BM

- Removable plastic water tray for easy cleaning after use.
- 0° to 45° tilting table helps the operator achieve the perfect mitre cut.
- The lightweight construction and hardwearing accompanying case, makes this tile saw protected, easy to move, handle and store.
- Ø 180mm Classic Ceramic supplied with every TT180 BM.



Ø180 mm

PRODUCT DATA

Item No.	70184625699
Price (€)	###,##
Item No. (UK)	70184626958
Price (€)	###,##

550w 230v

Supply Voltage	230V 1~
Power	550W (0,75 hp)
Fuse/Generator	16A / 2 kVA
Blade x bore	Ø 180 x 25,4mm
Dimensions (LxWxH)	440 x 390 x 230mm
Packaging size	480 x 460 x 240mm
Weight	14kg

Tilting table	0 - 45°
Max. cutting depth at 90° / at 45°	12mm / 8mm
Max. cutting length	-
Table size	395 x 385mm
Tool speed RPM	2990 min^{-1}
Hand Arm Vibrations	< 2,5 m/s^2
Sound power / pressure level	80 dB (A) / 72 dB (A)

PRODUCT FEATURES


EASY TRANSPORTATION


REMOVABLE PLASTIC WATER TRAY


LIGHT & COMPACT


SUITCASE

DIAMOND BLADE WITH MACHINE **FOR TT180 BM**



Substrate / Material	CERAMIC
Recommended Product	**CLASSIC CERAMIC**
Blade x bore	180 x 25,4mm
Item No.	70184626828
Page reference	52

TT200 EM

- 0° to 45° tilting table helps the operator achieve the perfect mitre cut.
- A powerful 800W motor and precise locking cutting guide, delivers a fast and accurate cut.
- Delivered in a strong plastic case to help protect, store and transport the machine.
- Ø 200mm Classic Ceramic supplied with every TT200 EM.



Ø200 mm

PRODUCT DATA

Item No.	70184625701
Price (€)	###,##
Item No. (UK)	70184626963
Price (€)	###,##

800w 230v

Supply Voltage	230V 1~
Power	800W (1,1 hp)
Fuse/Generator	16A / 2 kVA
Blade x bore	Ø 200 x 25,4mm
Dimensions (LxWxH)	510 x 400 x 230mm
Packaging size	560 x 500 x 270mm
Weight	12kg

Tilting table	0 - 45°
Max. cutting depth at 90° / at 45°	12mm / 8mm
Max. cutting length	-
Table size	460 x 360mm
Tool speed RPM	2950 min^{-1}
Hand Arm Vibrations	< 2,5 m/s^2
Sound power / pressure level	80 dB (A) / 72 dB (A)

PRODUCT FEATURES



TRANSPORT HANDLE



TILTING TABLE (0° TO 45°)



LOCKING CUTTING GUIDE



SUITCASE

DIAMOND BLADE WITH MACHINE **FOR TT200 EM**



Substrate / Material	CERAMIC
Recommended Product	**CLASSIC CERAMIC**
Blade x bore	200 x 25,4mm
Item No.	701846 26829
Page reference	52

www.youtube.com/NortonAbrasivesEMEA

TT251

- The 1000W motor delivers powerful performance.
- Stainless steel 0° to 45° tilting table is robust, hardwearing, and helps the operator achieve the perfect mitre cut every time.
- Removable water tank speeds up blade changes and makes cleaning up after use easy.
- Ø 250mm Classic Ceramic supplied with every TT251.



PRODUCT DATA

Item No.	70184602662
Price (€)	###,##

1000w 230v

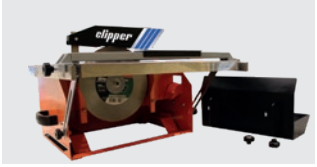
Supply Voltage	230V 1~
Power	1000W (1,4 hp)
Fuse/Generator	16A / 3 kVA
Blade x bore	Ø 250 x 25,4mm
Dimensions (LxWxH)	620 x 600 x 355mm
Packaging size	690 x 610 x 420mm
Weight	26kg

Tilting table	0 - 45°
Max. cutting depth at 90° / at 45°	12mm / 8mm
Max. cutting length	-
Table size	560 x 500mm
Tool speed RPM	2950 min^{-1}
Hand Arm Vibrations	< 2,5 m/s^2
Sound power / pressure level	79 dB (A) / 71 dB (A)

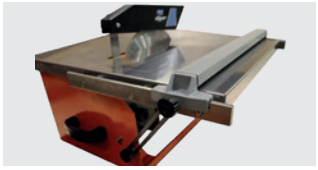
PRODUCT FEATURES



TILTING STAINLESS STEEL TABLE TOP. POSSIBILITY FOR BEVEL CUTS 0-45°



GALVANIZED AND REMOVABLE WATERPAN. EASY BLADE MOUNTING



LOCKABLE CUTTING GUIDE ON BOTH SIDES



HANDLES FOR TRANSPORTATION

DIAMOND BLADE WITH MACHINE **FOR TT251**



Substrate / Material	CERAMIC
Recommended Product	**CLASSIC CERAMIC**
Blade x bore	250 x 25,4mm
Item No.	70184626831
Page reference	52

TR202

- Professional machine with a powerful 900W motor, for fast and effective cutting performance.
- Heavy duty rail and tilting cutting head is ideal for cutting long tiles and for making precise cuts.
- Machine is easily stored and manoeuvred with the incorporated folding legs and transport wheels.
- Removable plastic water tray and drain plug makes cleaning and draining after use, hassle-free.
- Ø 200mm Extreme Ceramic Turbo supplied with every TR202.



YouTube
TR202

PRODUCT DATA

Item No.	70184601106
Price (€)	###,##

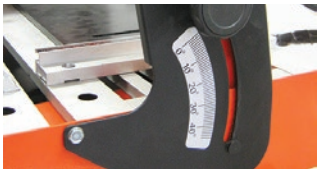
900w 230v

Supply Voltage	230V 1~
Power	900W (1,2 hp)
Fuse/Generator	16A / 3 kVA
Blade x bore	Ø 200 x 25,4mm
Dimensions (LxWxH)	930 x 470 x 1200mm
Packaging size	1020 x 490 x 465mm
Weight	35kg

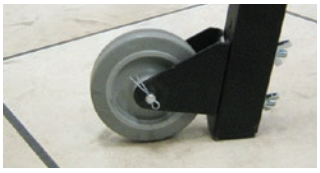
Tilting head	0 - 45°
Max. cutting depth at 90° / at 45°	15mm / 10mm
Max. cutting length	650mm
Table size	810 x 470mm
Tool speed RPM	2950 min^{-1}
Hand Arm Vibrations	< 2,5 m/s^2
Sound power / pressure level	80 dB (A) / 72 dB (A)

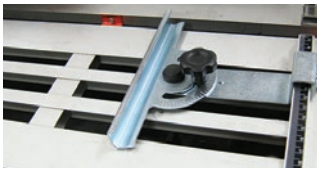


PRODUCT FEATURES


TILTING HEAD (0 TO 45°)


REMOVABLE WATER TRAY


TRANSPORT WHEELS


CUTTING GUIDE

DIAMOND BLADE WITH MACHINE **FOR TR202**



Substrate / Material	CERAMIC
Recommended Product	**EXTREME CERAMIC TURBO**
Blade x bore	200 x 25,4mm
Item No.	70184625427
Page reference	50

www.youtube.com/NortonAbrasivesEMEA



TR232 S

- Heavy duty guiding rail and tilting head facilitates precise cuts.
- Built-in side extension accommodates large or wide materials.
- Foldable handles, legs & transport wheels make moving and storing the machine simple.
- The cutting table is easy to remove, which provides easy access to the water tray when cleaning.
- Ø 230mm Extreme Ceramic Turbo supplied with every TR232 S.

PRODUCT DATA

Item No.	70184601110
Price (€)	###,##

1100w 230v

Supply Voltage / Power	230V 1~ / 1,1kW
Fuse/Generator	16A / 3 kVA
Blade x bore	Ø 230 x 25,4mm
Dimensions (LxWxH)	1560 x 600 x 1175mm
Tilting head	0 - 45°
Weight	61kg

Max. cutting depth at 90° / at 45°	15mm / 10mm
Max. cutting length	860mm
Table size	860 x 565mm
Tool speed RPM	2950 min^{-1}
Hand Arm Vibrations	< 2,5 m/s^2
Sound power / pressure level	71 dB (A) / 79 dB (A)



PRODUCT FEATURES



CUTTING GUIDE WITH ANGULAR SETTING



TILTING HEAD (0 TO 45°)

DIAMOND BLADE WITH MACHINE **FOR TR232 S**



Substrate / Material	CERAMIC
Recommended Product	**EXTREME CERAMIC TURBO**
Blade x bore	230 x 25,4mm
Item No.	70184627653
Page reference	50

TR232 L

- Heavy duty guiding rail and tilting head facilitates precise cuts.
- Built-in side extension accommodates large or wide materials.
- Foldable handles, legs & transport wheels make moving and storing the machine simple.
- The cutting table is easy to remove, which provides easy access to the water tray when cleaning.
- Rubber coated table + clamps keep the cutting material steady and secure.
- Ø 230mm Extreme Ceramic Turbo supplied with every TR232 L.



YouTube
TR 232 L

PRODUCT DATA

Item No.	70184601103
Price (€)	###,##

1100w 230v

Supply Voltage / Power	230V 1~ / 1,1kW
Fuse/Generator	16A / 3 kVA
Blade x bore	Ø 230 x 25,4mm
Dimensions (LxWxH)	1860 x 600 x 1175mm
Tilting head	0 - 45°
Weight	72kg

Max. cutting depth at 90° / at 45°	15mm / 10mm
Max. cutting length	1200mm
Table size	1200 x 565mm
Tool speed RPM	2950 min^{-1}
Hand Arm Vibrations	< 2,5 m/s^2
Sound power / pressure level	71 dB (A) / 79 dB (A)



PRODUCT FEATURES



ADJUSTABLE CLAMPS FOR FIXING THE TILES



ANGULAR CUTTING GUIDE / RUBBER-COVERED TABLE

DIAMOND BLADE WITH MACHINE **FOR TR232 L**



Substrate / Material	CERAMIC
Recommended Product	**EXTREME CERAMIC TURBO**
Blade x bore	230 x 25,4mm
Item No.	70184627653
Page reference	50

www.youtube.com/NortonAbrasivesEMEA

TR252



- Heavy duty guiding rail and tilting head facilitates precise cuts even on very long tiles and hard materials.
- Plunging head allowing step cutting on hard materials.
- Built-in side extension accommodates large or wide materials.
- Foldable handles, legs & transport wheels make moving and storing the machine simple.
- The cutting table is easy to remove, which provides easy access to the water tray when cleaning.
- Rubber coated table + clamps keep the cutting material steady and secure.
- Ø 250mm Extreme Ceramic Turbo supplied with every TR252.
- Powerful 1500W motor for better performances on hard tiles.

PRODUCT DATA

Item No.	70184694289
Price (€)	###,##

1500W 230v

Supply Voltage / Power	230V 1~ / 1500W
Fuse/Generator	16A / 3 kVA
Blade x bore	Ø 250 x 25,4mm
Dimensions (LxWxH)	1860 x 600 x 1170mm
Tilting head	0 - 45°
Weight	75kg

Max. cutting depth at 90° / at 45°	15mm / 10mm
Max. cutting length	1200mm
Table size	1200 x 565mm
Tool speed RPM	2950 min^{-1}
Hand Arm Vibrations	< 2,5 m/s^2
Sound power / pressure level	87 dB (A) / 73 dB (A)



PRODUCT FEATURES

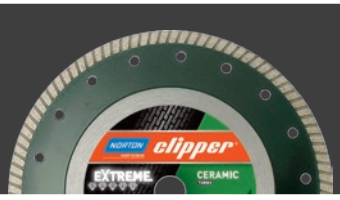


PLUNGING CUTTING HEAD



CUTTING GUIDE INCLUDED

DIAMOND BLADE WITH MACHINE **FOR TR252**



Substrate / Material	CERAMIC
Recommended Product	**EXTREME CERAMIC TURBO**
Blade x bore	250 x 25,4mm
Item No.	70184625428
Page reference	50

TILE SAW SPARE PARTS & ACCESSORIES





TR202

DESCRIPTION	ITEM No.	PRICE (€)
1 - Flange Kit + nut	510100630	###,##
Switch 230V	310479885	###,##
2 - Water pump 230V	310365204	###,##

TR232 S & TR232 L

DESCRIPTION	ITEM No.	PRICE (€)
Flange kit + nut	510100973	###,##
Switch 230V	310340138	###,##
2 - Water pump 230V	310365204	###,##

NORTON SAINT-GOBAIN clipper®

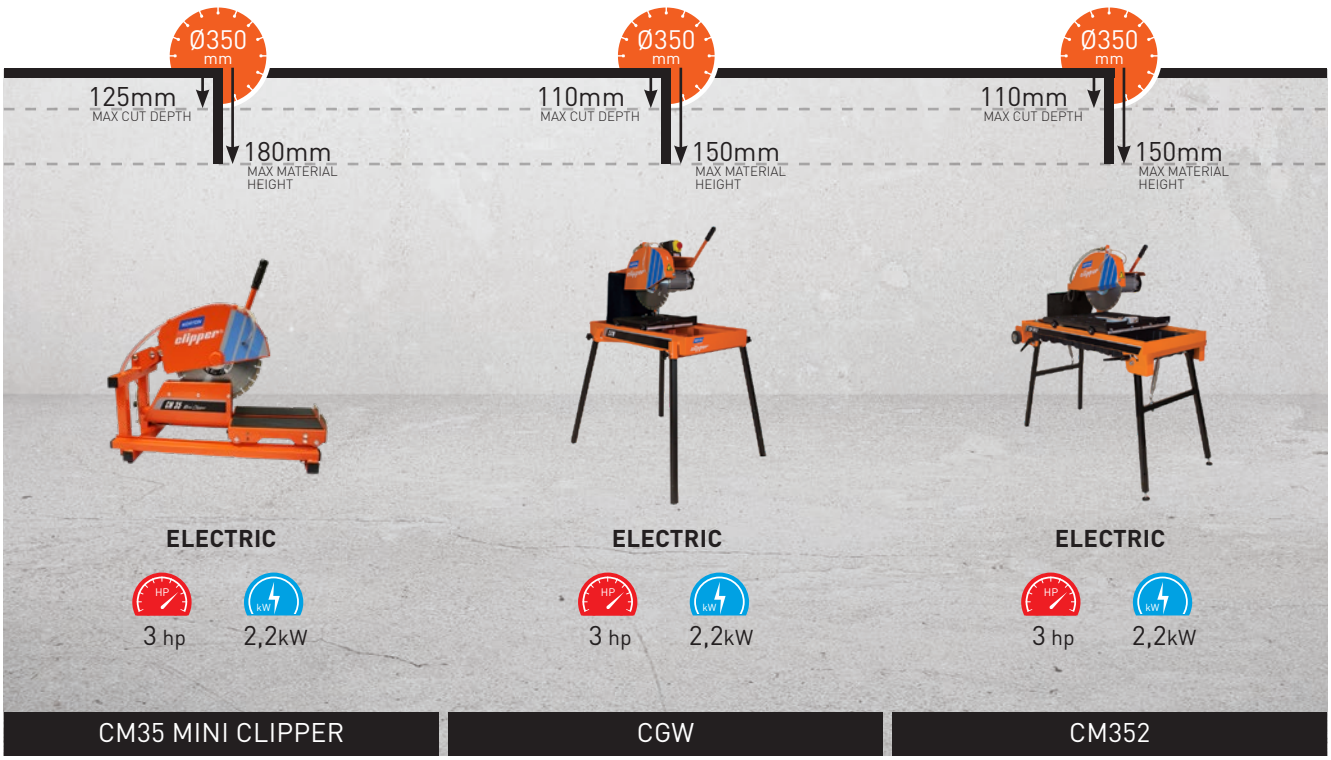
MASONRY SAWS

Inventors of the first masonry saw 80 years ago, Norton Clipper today offers a full range of machines with blade diameters of 350mm up to 1000mm, with electric motors or petrol engines for all construction and industrial work sites. Use with Norton Clipper diamond blades for optimum results.



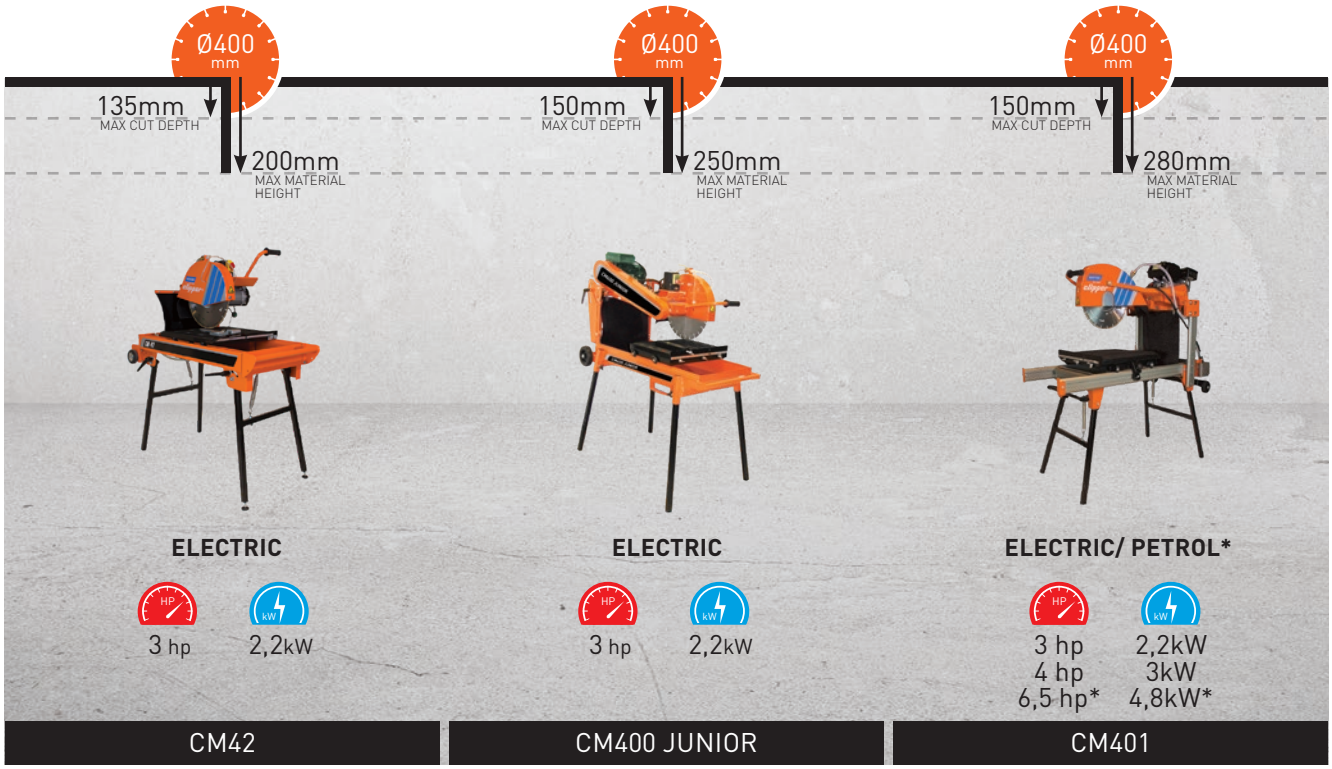


MASONRY SAWS

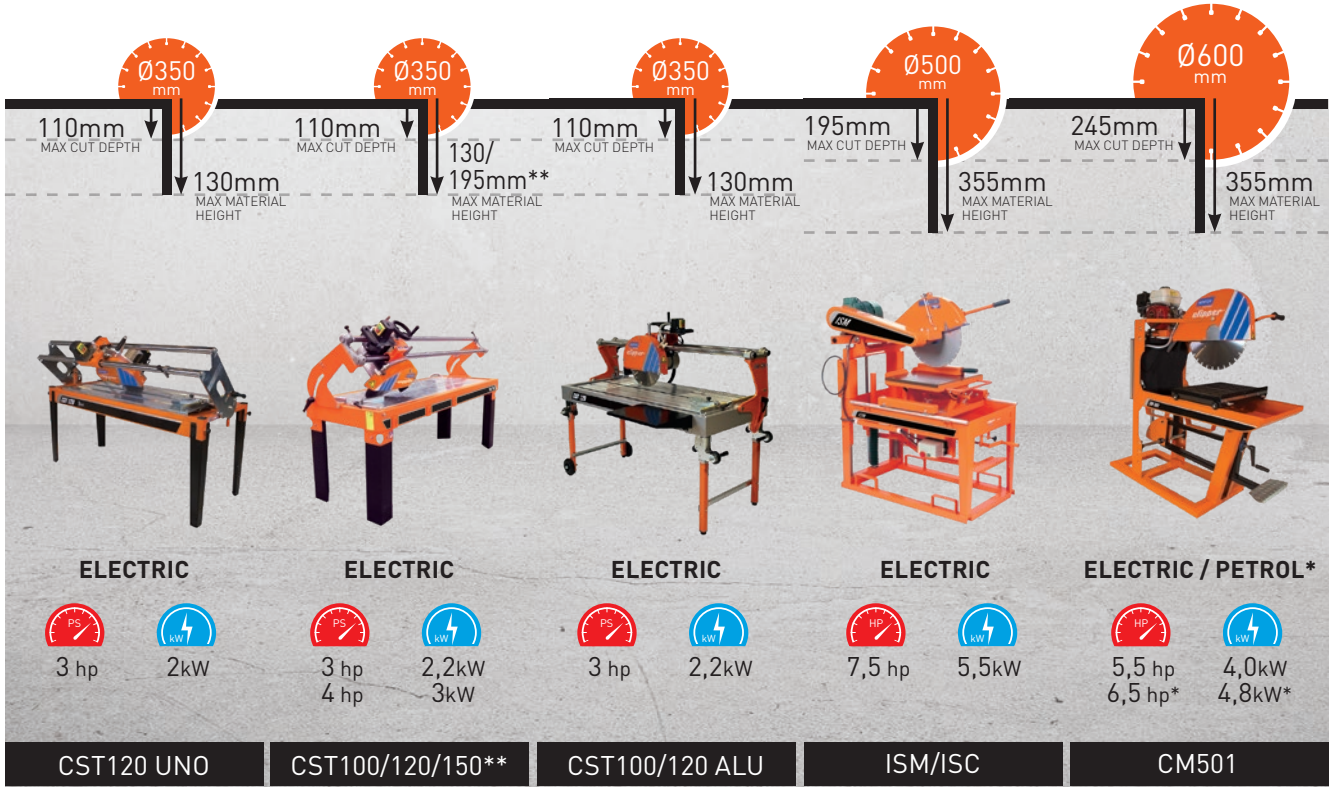


www.youtube.com/NortonAbrasivesEMEA

MASONRY SAWS

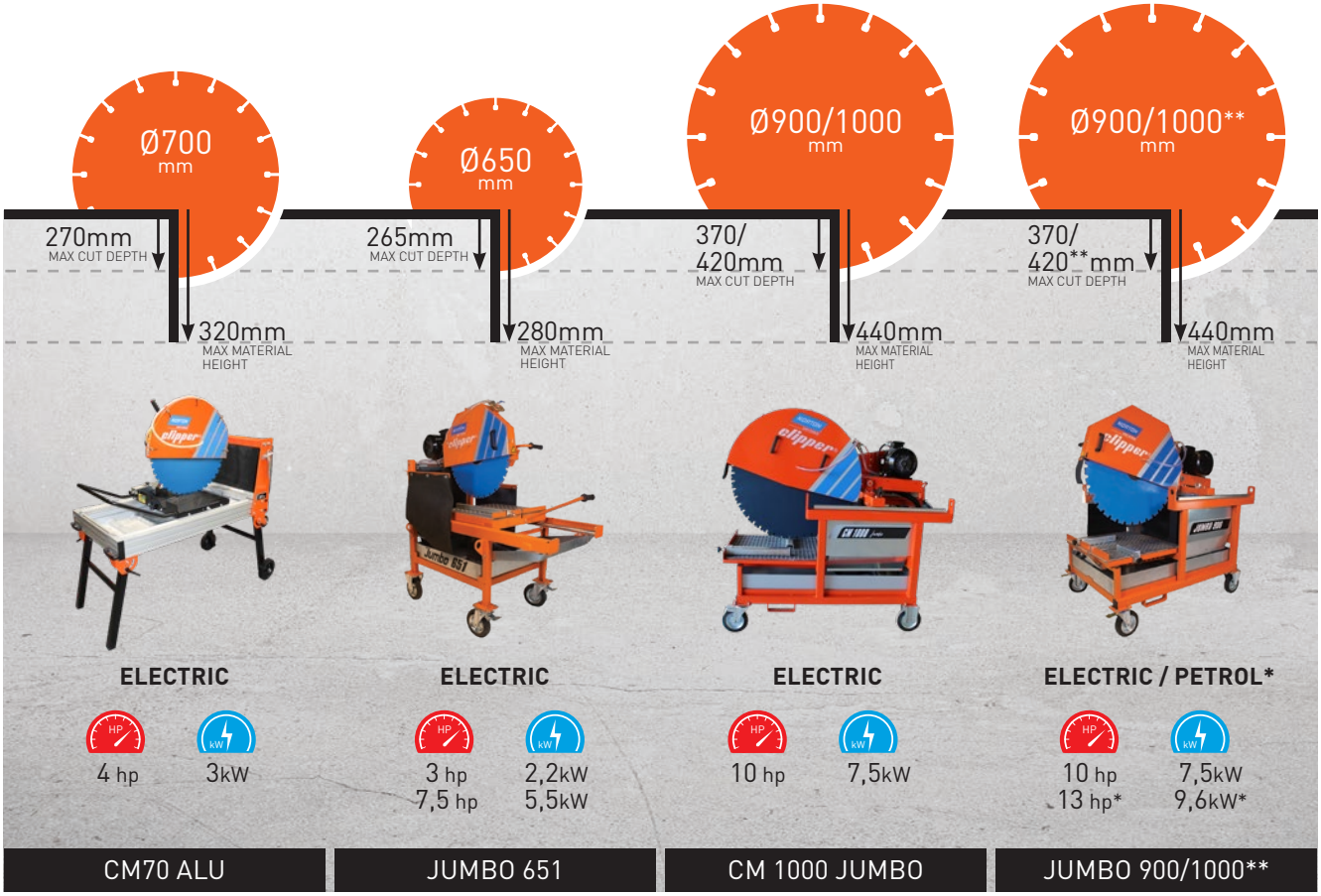


CM42	CM400 JUNIOR	CM401



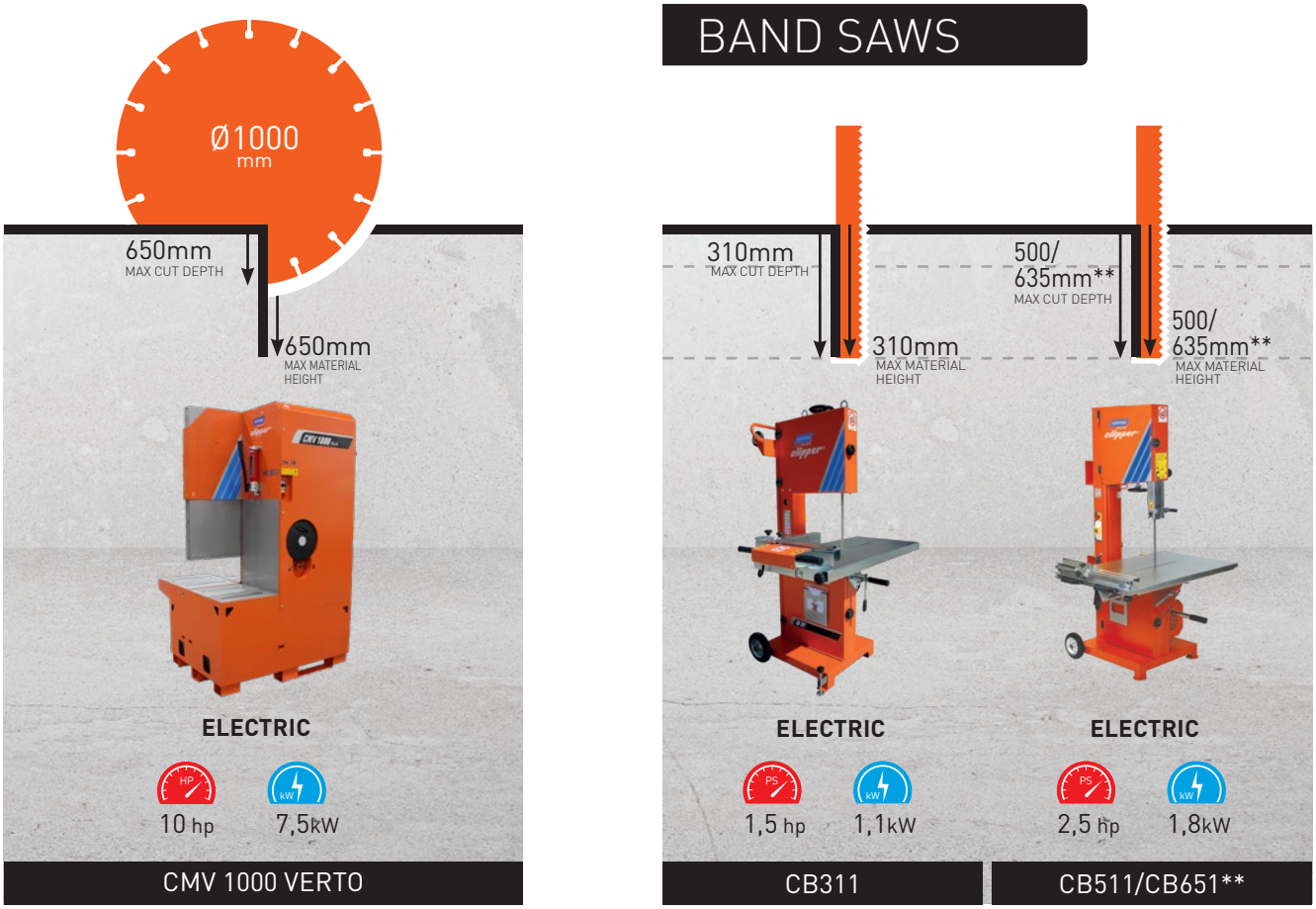
CST120 UNO	CST100/120/150**	CST100/120 ALU	ISM/ISC	CM501

MASONRY SAWS



ELECTRIC	ELECTRIC	ELECTRIC	ELECTRIC / PETROL*
4 hp / 3kW	3 hp / 2,2kW 7,5 hp / 5,5kW	10 hp / 7,5kW	10 hp / 7,5kW 13 hp* / 9,6kW*
CM70 ALU	JUMBO 651	CM 1000 JUMBO	JUMBO 900/1000**

BAND SAWS



ELECTRIC	ELECTRIC	ELECTRIC
10 hp / 7,5kW	1,5 hp / 1,1kW	2,5 hp / 1,8kW
CMV 1000 VERTO	CB311	CB511/CB651**

CM35 MINI CLIPPER



- Ergonomically designed to fit into small spaces.
- Pendular cutting head that allows efficient step cutting and a longer blade life.
- Dust extraction port facilitates a cleaner cutting process, making it ideal for indoor working.
- Adjustable legs make the machine more stable and improves operator comfort.

PRODUCT DATA

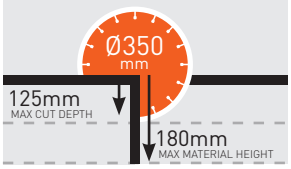
Item No.	70184603115
Price (€)	###,##

Supply Voltage/ Power	230V 1~ / 2,2kW
Blade x bore	Ø 350 x 25,4mm
Tool speed RPM	2800 min^{-1}
Dimensions (LxWxH)	730 x 286 x 282mm
Weight	40kg

Max. cutting depth	125mm
Max. cutting length	340mm
Max. material height	180mm

HP 3 hp | kW 2,2kW | Volts 230v

PRODUCT FEATURES



MAX CUT DEPTH


ERGONOMIC AND COMPACT MACHINE


PENDULAR CUTTING HEAD


DUST EXTRACTION PORT ø 40mm

DIAMOND BLADE RECOMMENDATIONS **FOR CM35** Mini Clipper



Substrate / Material	UNIVERSAL	SILENCIO	UNIVERSAL	NATURAL STONE
Recommended Product	**EXTREME UNIVERSAL LASER**	**EXTREME UNIVERSAL SILENCIO**	**EXTREME UNIVERSAL TURBO**	**EXTREME GRANITE**
Diameter x bore	350 x 25,4mm	350 x 25,4mm	350 x 25,4mm	350 x 25,4mm
Item No.	70184612283	70184628998	70184611561	70184603311
Page reference	43	36	40	60

CGW

- Variable cutting guide and cutting head locking device allows cutting at angle without any additional tools.
- The blade guard provides additional protection to the user and removable cover allows easy access to change the blade.
- Electrical water pump is protected from slurries, which reduces overall maintenance time.



PRODUCT DATA

Item No.	70184629851
Price (€)	###,##

Supply Voltage/ Power	230V 1~ / 2,2kW
Fuse/Generator	16A / 6 kVA
Blade x bore	Ø 350 x 25,4mm
Tool speed RPM	2800 min^{-1}
Dimensions (LxWxH)	980 x 600 x 1250mm
Dimensions (folded legs)	980 x 600 x 550mm
Weight	66kg

Tilting head	No
Max. cutting depth	110mm
Max. cutting length	500mm
Max. material height	150mm
Table size	440 x 340mm
Hand Arm Vibrations	< 2,5 m/s^2
Sound power / pressure level	92 dB (A) / 80 dB (A)

HP 3 hp

kW 2,2kW

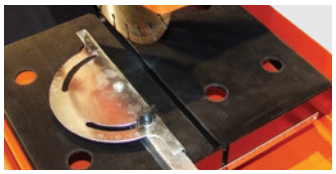
Volts 230V

PRODUCT FEATURES



MAX CUT DEPTH


COMPENSATION SPRING


VARIABLE CUTTING GUIDE


SPLASH GUARD

DIAMOND BLADE RECOMMENDATIONS **FOR CGW**



Substrate / Material	BETON	SILENCIO	UNIVERSAL
Recommended Product	**PRO BETON**	**EXTREME UNIVERSAL SILENCIO**	**EXTREME UNIVERSAL**
Diameter x bore	350 x 25,4mm	350 x 25,4mm	350 x 25,4mm
Item No.	70184627061	70184628998	70184612283
Page reference	67	36	37

CM352



- Adjustable depth stop on the tilting head allows a 45° bevel cut, with an embedded slot in the conveyor cart. Step cutting and full-depth cutting are possible in both 90° and 45° head position also.
- Extra-large 600 x 600mm conveyor cart with anti-slip rubber surface and tilted wheels, which makes the cutting material more stable. The more stable the workpiece, the easier the cut.
- Removable water tray adds to the ease of cleaning after use.
- Folding legs and transport wheels for an easy transportation.
- Machine delivered with a Pro Universal Laser Ø350mm diamond blade.

PRODUCT DATA

Item No.	70184630312
Price (€)	###,##

3 hp | 2,2kW | 230V

Supply Voltage/ Power	230V 1~ / 2,2kW
Fuse/Generator	16A / 6 kVA
Blade x bore	Ø 350 x 25,4mm
Tool speed RPM	2800 min^{-1}
Dimensions (LxWxH)	1146 x 815 x 1270mm
Dimensions (folded legs)	1146 x 725 x 639mm
Weight	69kg

Tilting head	0 or 45°
Max. cutting depth	110mm
Max. cutting length	700mm
Max. material height	150mm
Table size	600 x 600mm
Hand Arm Vibrations	2,2 m/s^2
Sound power / pressure level	87 dB (A) / 73 dB (A)

PRODUCT FEATURES



MAX CUT DEPTH


TILTING HEAD & WIDE CONVEYOR


REMOVABLE WATER TRAY


EASY TRANSPORT

DIAMOND BLADE RECOMMENDATIONS **FOR CM352**





Substrate / Material	NATURAL STONE	ALL MATERIALS
Recommended Product	**EXTREME GRANITE**	**PRO 4X4 EXPLORER**
Diameter x bore	350 x 25,4mm	350 x 25,4mm
Item No.	70184603311	70184602093
Page reference	54	48

CM42 COMPACT

- Wide conveyor cart and long reinforced frame allows the operator to cut a 60 x 60cm slab in two 30cm halves.
- Wide conveyor cart with tilted wheels, anti-pivoting and locking system provides great stability and durability.
- Highly accurate cutting guide with per-degree angular setting, facilitates quick, precise and easy cutting without additional accessories.

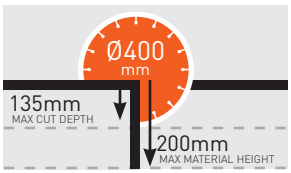
YouTube
CM42



	3 hp 2,2kW 230v CM42	3 hp 2,2kW 230v CM42 30-1-230V	2 hp 1,5kW 110v CM42 30-1-110V
Item No.	70184647620	70184647989*	70184647990
Price (€)	###,##	###,##	###,##
Supply Voltage/ Power	230V 1~ / 2,2kW (3 hp)	230V 1~ / 2,2kW (3 hp)	110V 1~ / 1,5kW (2 hp)
Fuse Generator	16A / 6 kVA	16A / 6 kVA	16A / 6 kVA
Blade x bore	Ø 400 x 25,4mm	Ø 400 x 25,4mm	Ø 400 x 25,4mm
Tool speed RPM	2800 min^{-1}	2800 min^{-1}	2800 min^{-1}
Tilting table	Optional	Optional	Optional
Max. cutting depth	135mm	135mm	135mm
Max. cutting length	780mm	780mm	780mm
Max. material height	200mm	200mm	200mm
Table size	500 x 540mm	500 x 540mm	500 x 540mm
Hand Arm Vibrations	< 2,5 m/s^2	< 2,5 m/s^2	< 2,5 m/s^2
Sound power / pressure level	92 dB (A) / 80 dB (A)	92 dB (A) / 80 dB (A)	92 dB (A) / 80 dB (A)
Dimensions (LxWxH)	1187 x 620 x 1360mm	1187 x 620 x 1360mm	1187 x 620 x 1360mm
Dimensions (folded legs)	1187 x 620 x 740mm	1187 x 620 x 740mm	1187 x 620 x 740mm
Weight	90kg	90kg	90kg

* Available on request

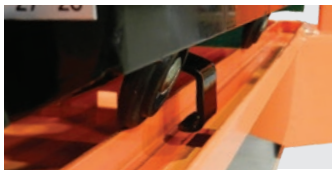
PRODUCT FEATURES



MAX CUT DEPTH


FOLDING FEET


ADJUSTABLE CUTTING-DEPTH HANDLE


ANTI PIVOTING SYSTEM

DIAMOND BLADE RECOMMENDATIONS **FOR CM42**



Substrate / Material	BETON	SILENCIO	UNIVERSAL	ALL MATERIALS
Recommended Product	**PRO BETON**	**EXTREME UNI SILENCIO**	**EXTREME UNIVERSAL**	**PRO 4X4 EXPLORER**
Diameter x bore	400 x 25,4mm	400 x 25,4mm	400 x 25,4mm	400 x 25,4mm
Item No.	70184627062	70184640270	70184611438	70184602095
Page reference	67	36	37	48



CM400 JUNIOR

- Cutting length of up to 600mm accommodates large materials.
- The blade guard is always horizontal, which adds protection and user safety.
- Mechanical water pump makes the machine efficient to use.
- Handy transport wheels and removable legs allow the machine to be readily moved and easily stored.

CM400 JUNIOR Electric

Item No.	70184630306
Price (€)	###,##

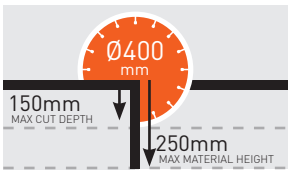
Supply Voltage/ Power	230V 1~ / 2,2kW (3 hp)
Fuse/Generator	16A / 6 kVA
Blade x bore	Ø400 x 25,4mm
Tool speed RPM	2700 min^{-1}
Max. cutting depth	150mm
Max. cutting length	600mm

Max. material height	250mm
Table size	400 x 490mm
Hand Arm Vibrations	< 2,5 m/s^2
Sound power / pressure level	89 dB (A) / 78 dB (A)
Dimensions (LxWxH)	1280 x 590 x 1460mm
Dimensions (folded legs)	1280 x 590 x 880mm
Weight	104kg

HP 3 hp | kW 2,2kW | Volts 230V

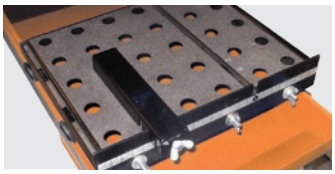
Formerly JCW

PRODUCT FEATURES



MAX CUT DEPTH


BLADE GUARD ALWAYS HORIZONTAL


CUTTING GUIDE


TRANSPORTATION WHEELS

DIAMOND BLADE RECOMMENDATIONS **FOR CM400 JUNIOR**



Substrate / Material	BETON	SILENCIO	UNIVERSAL	NATURAL STONE	ALL MATERIALS
Recommended Product	**PRO BETON**	**EXTREME UNIVERSAL SILENCIO**	**EXTREME UNIVERSAL**	**PRO GRANITE TURBO**	**PRO 4X4 EXPLORER**
Diameter x bore	400 x 25,4mm	400 x 25,4mm	400 x 25,4mm	400 x 25,4mm	400 x 25,4mm
Item No.	70184627062	70184640270	70184611438	70184626533	70184602095
Page reference	29	36	37	55	48

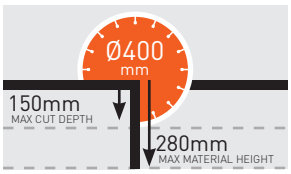
CM401

- Cutting length of up to 600mm accommodates large materials.
- Constructed with aluminium components including extruded profiles and removable aluminium water tray, giving the CM401 extreme rigidity and robustness.

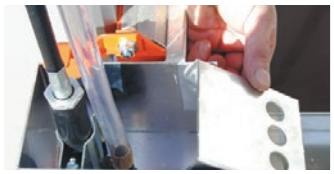


	3 hp 2,2kW 230V CM401 600	4 hp 3kW 400V CM401 600	6,5 hp 4,8kW PETROL CM401 600
Item No.	70184626994	70184627004	70184627017
Price (€)	###,##	###,##	###,##
Engine type	Electric	Electric	Petrol / HONDA GX200
Supply Voltage/ Power	230V 1~/ 2,2kW (3 hp)	400V 3~/ 3kW (4 hp)	4,8kW (6,5 hp)
Fuse Generator	16A / 6 kVA	16A / 8 kVA	-
Blade x bore	Ø400 x 25,4mm	Ø400 x 25,4mm	Ø400 x 25,4mm
Tool speed RPM	2 700 min^{-1}	2 000 min^{-1}	2 650 min^{-1}
Max. cutting depth	150mm	150mm	150mm
Max. cutting length	600mm	600mm	600mm
Max. material height	280mm	280mm	280mm
Table size	500 x 600mm	500 x 600mm	500 x 600mm
Hand Arm Vibrations	< 2,5 m/s^2	< 2,5 m/s^2	< 2,5 m/s^2
Sound power / pressure level	94 dB (A) / 81 dB (A)	94 dB (A) /81 dB (A)	105 dB (A) / 93 dB (A)
Dimensions (LxWxH)	1380 x 660 x 1510mm	1380 x 660 x 1510mm	1380 x 660 x 1510mm
Dimensions (folded legs)	1380 x 660 x 920mm	1380 x 660 x 920mm	1380 x 660 x 920mm
Weight	113kg	115kg	118kg

PRODUCT FEATURES



MAX CUT DEPTH


MECHANICAL WATER PUMP


ALUMINIUM PROFILE


EASY TRANSPORT

DIAMOND BLADE RECOMMENDATIONS **FOR CM400 JUNIOR**



Substrate / Material	BETON	SILENCIO	UNIVERSAL	NATURAL STONE	ALL MATERIALS
Recommended Product	**PRO BETON**	**EXTREME UNIVERSAL SILENCIO**	**EXTREME UNIVERSAL**	**PRO GRANITE TURBO**	**PRO 4X4 EXPLORER**
Diameter x bore	400 x 25,4mm	400 x 25,4mm	400 x 25,4mm	400 x 25,4mm	400 x 25,4mm
Item No.	70184627062	70184640270	70184611438	70184626533	70184602095
Page reference	29	36	37	55	48



CST 120 UNO

- A combination of robust construction and strong chrome-plated guiding bars give the CST120 Uno significant robustness and durability.
- The tilting and plunging head allows angled cuts of up to 45° and adjustable cutting depth.

PRODUCT DATA

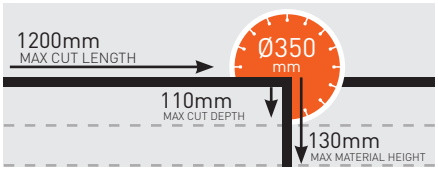
Item No.	70184601846
Price (€)	###,##

3 hp 2kW 230V

Supply Voltage / Power	230V 1~/ 2,0kW (3 hp)
Fuse/Generator	16A / 6kVA
Blade x bore	Ø 350 x 25,4mm
Dimensions (LxWxH)	1650 x 580 x 1400mm
Dimensions (without legs)	1650 x 580 x 850mm
Weight	105kg

Max. cutting depth	110mm
Max. cutting length	1200mm
Max. material height	130mm
Table size	1200 x 560mm
Tool speed RPM	2800 min^{-1}
Hand Arm Vibrations	< 2,5 m/s^2
Sound power / pressure level	88,5dB (A) / 73,5db (A)

PRODUCT FEATURES



MAX CUT LEGTH & DEPTH


CUTTING GUIDE

DIAMOND BLADE RECOMMENDATIONS **FOR CST RANGE**



Substrate / Material	SILENCIO	UNIVERSAL	NATURAL STONE	CERAMIC	
Recommended Product	**EXTREME UNI SILENCIO**	**EXTREME UNIVERSAL**	**EXTREME GRANITE**	**EXTREME CERAMIC**	**EXTREME CERAMIC SOFT**
Diameter x bore	350 x 25,4mm	350 x 25,4mm	350 x 25,4mm	350 x 25,4mm	350 x 25,4mm
Item No.	70184628998	70184612283	70184601174	70184630335	70184602484
Page reference	36	37	54	50	51

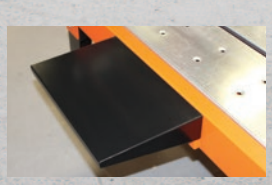
CST 100/120/150

- A combination of robust construction and strong chrome-plated guiding bars give the CST range significant robustness and durability.
- The tilting and plunging head allows angled cuts of up to 45° and adjustable cutting depth.
- A side extension table increases the width of the table from 660mm to 1110mm; accommodating larger cutting material.





ADJUSTABLE GUIDE ANGLE



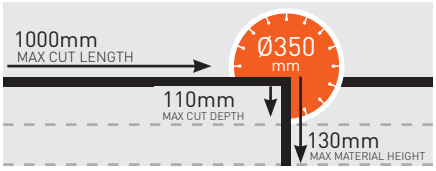
SIDE EXTENSION TABLE

3 hp 2,2kW 230v	CST100	CST120	CST150
Item No.	70184613977	70184614032	70184614025
Price (€)	###,##	###,##	###,##
Supply Voltage/Power	230V 1~/ 2,2kW (3 hp)	230V 1~/ 2,2kW (3 hp)	230V 1~/ 2,2kW (3 hp)
Fuse (Generator)	16A / 6kVA	16A / 6kVA	16A / 6kVA
Blade x bore	Ø 350 x 25,4mm	Ø 350 x 25,4mm	Ø 350 x 25,4mm

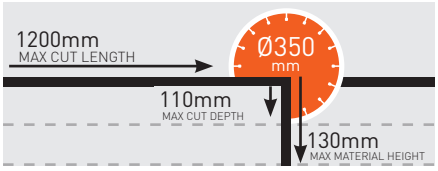
4 hp 3kW 400v	CST100	CST120	CST150
Item No.	70184613982	70184613892	70184614026
Price (€)	###,##	###,##	###,##
Supply Voltage/Power	400V 3~/ 3kW (4 hp)	400V 3~/ 3kW (4 hp)	400V 3~/ 3kW (4 hp)
Fuse (Generator)	16A / 8kVA	16A / 8kVA	16A / 8kVA
Max. blade x bore	Ø 350 x 25,4mm	Ø 350 x 25,4mm	Ø 350 x 25,4mm

PRODUCT DATA (ALL MACHINES)	CST100	CST120	CST150
Max. cutting depth	110mm	110mm	110mm
Max. cutting length	1000mm	1200mm	1500mm
Max. material height	130mm	130mm	195mm
Table size	1000mm	1200mm	1500mm
Tool speed RPM	2800 min^{-1}	2800 min^{-1}	2800 min^{-1}
Hand arm vibrations	<2,5m/s²	<2,5m/s²	<2,5m/s²
Sound power / pressure level	88,5dB (A) / 73,5db (A)	88,5dB (A) / 73,5db (A)	88,5dB (A) / 73,5db (A)
Dimensions (LxWxH)	1270 x 660 x 1350mm	1600 x 660 x 1350mm	1970 x 660 x 1350mm
Dimensions (without legs)	1270 x 660 x 780mm	1600 x 660 x 780mm	1970 x 660 x 780mm
Weight	105kg	160kg	180kg

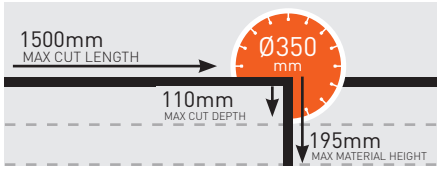
MAX CUT DEPTH



CST 100



CST 120



CST 150



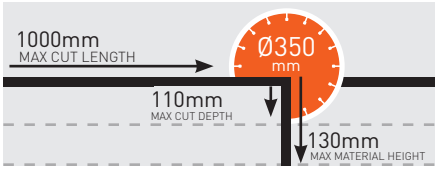
CST 100/120 ALUMINUM

- Made with aluminium parts, the CST 100 and CST 120 Alu machines are hardwearing yet lightweight for maximum manoeuvrability.
- Strong chrome-plated guiding bars and tilting rail allows highly precise cuts of up to 45°.
- Rubber layered, anti-slip table stabilises the cutting material to prevent slipping.
- Incorporated side extension (450 x 300mm) increases the table width up to 960mm.

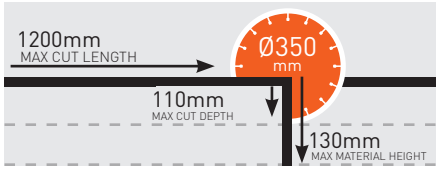
YouTube
CST 120

	3 hp 2,2kW 230V CST100 ALU	3 hp 2,2kW 230V CST120 ALU	2,4 hp 1,8kW 115V CST100 ALU	2,4 hp 1,8kW 115V CST120 ALU
Item No.	70184601937	70184602016	70184602124	70184602125
Price (€)	###,##	###,##	###,##	###,##
Supply Voltage/ Power	230V 1~/ 2,2kW (3 hp)	230V 1~/ 2,2kW (3 hp)	115V 1~/ 1,8kW (2,4 hp)	115V 1~/ 1,8kW (2,4 hp)
Fuse (Generator)	16A / 6kVA	16A / 6kVA	16A / 6kVA	16A / 6kVA
Blade x bore	Ø 350x25,4mm	Ø 350x25,4mm	Ø 350x25,4mm	Ø 350x25,4mm
Tool speed RPM	2800 min^{-1}	2800 min^{-1}	2800 min^{-1}	2800 min^{-1}
Max. cutting depth	110mm	110mm	110mm	110mm
Max. cutting length	1000mm	1200mm	1000mm	1200mm
Max. material height	130mm	130mm	130mm	130mm
Table size	1120mm	1310mm	1120mm	1310mm
Hand Arm Vibrations	< 2,5 m/s^2	< 2,5 m/s^2	< 2,5 m/s^2	< 2,5 m/s^2
Sound power / pressure level	88,5dB (A) / 73,5dB (A)	88,5dB (A) / 73,5dB (A)	88,5dB (A) / 73,5dB (A)	88,5dB (A) / 73,5dB (A)
Dimensions (LxWxH)	1530 x 660 x 1350mm	1630 x 660 x 1350mm	1530 x 660 x 1350mm	1630 x 660 x 1350mm
Dimensions (without legs)	1530 x 660 x 880mm	1630 x 660 x 880mm	1530 x 660 x 880mm	1630 x 660 x 880mm
Weight	85kg	90kg	85kg	90kg

PRODUCT FEATURES



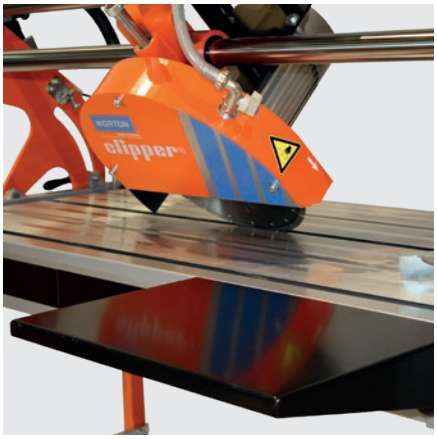
MAX CUT DEPTH - CST 100



MAX CUT DEPTH - CST 120



TILTING HEAD



SIDE EXTENSION AND CUTTING GUIDE INCLUDED (450x300mm)





EASY TRANSPORT THANKS TO FOLDING LEGS AND WHEELS

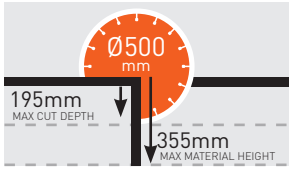
CM501 MAJOR

- Conveyor cart with a stable, anti-slip table surface that enables the operator to deliver an accurate cut.
- Accessible water pump for easy maintenance.
- Double lifting rails assist with movement with a forklift.
- Blade adjustment crank maintains an accurate and consistent blade depth.

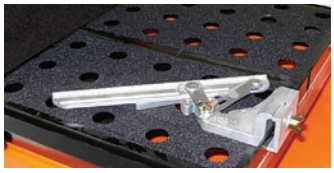


	5,5 hp 4kW 400v CM501 3,55,3	5,5 hp 4kW 230/400v CM501 3,55,3 D.V.	6,5 hp 4,8kW PETROL CM501 3,60.P	5,5 hp 4kW 400v CM601 5,55,3	3 hp 2,2kW 115v CM501 3-20-1
Item No.	70184627018	70184628233	70184627020	70184628232	70184628235
Price (€)	###,##	###,##	###,##	###,##	###,##
Engine type	Electric	Electric	Petrol - Honda GX200	Electric	Electric
Supply Voltage/ Power	400V / 4kW (5,5 hp)	230-400V~3 / 4kW (5,5 hp)	4,8kW (6,5 hp)	400V / 4kW / (5,5 hp)	115V / 2,2kW (3 hp)
Blade x bore	Ø 500x25,4mm	Ø 500x25,4mm	Ø 500x25,4mm	Ø 600x25,4mm	Ø 500x25,4mm
Tool speed RPM	1900 min^{-1}	1900 min^{-1}	2200 min^{-1}	1900 min^{-1}	1900 min^{-1}
Max. cutting depth at 90° / 45°	195mm	195mm	195mm	245mm	195mm
Max. cutting length	500mm	500mm	500mm	500mm	500mm
Max. material height	355mm	355mm	355mm	355mm	355mm
Table size	580 x 420mm	580 x 420mm	580 x 420mm	580 x 420mm	580 x 420mm
Hand Arm Vibrations	< 2,5 m/s^2	< 2,5 m/s^2	< 2,5 m/s^2	< 2,5 m/s^2	< 2,5 m/s^2
Sound power / pressure level	97dB(A) / 81dB(A)	97dB(A) / 81dB(A)	106dB(A) / 93dB(A)	97dB(A) / 81dB(A)	97dB(A) / 81dB(A)
Dimensions (LxWxH)	1480 x 610 x 1550mm	1480 x 610 x 1550mm	1480 x 610 x 1700mm	1480 x 610 x 1550mm	1480 x 610 x 1550mm
Weight	165kg	163kg	165kg	168kg	165kg

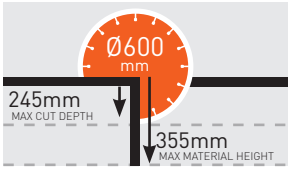
PRODUCT FEATURES



MAX CUT DEPTH - Ø500


CUTTING GUIDE


FRICTION RESISTANT TILTED ROLLERS



MAX CUT DEPTH - Ø600

DIAMOND BLADE RECOMMENDATIONS **FOR CM501 & CM601**



Substrate / Material	BETON	SILENCIO	UNIVERSAL	REFRACTORY	ALL MATERIALS
Recommended Product	**PRO BETON**	**EXTREME UNI SILENCIO**	**EXTREME UNIVERSAL**		**PRO 4X4 EXPLORER**
Bore	25,4mm	25,4mm	25,4mm	**SEE RECOMMENDATION TABLE PAGE 63**	25,4mm
ø500mm Item No.	70184627064	70184630309	70184611440		70184602097
ø600mm Item No.	70184627065	-	-		-
Page reference	67	36	37		48



ISM/ISC SUPER*

- Wet cutting enabled by the optional water supply connector.
- Extended operating handle for optimal cutting pressure.
- Crank controlled cutting depth adjuster for maximum accuracy.
- Cutting head height operated by a foot pedal and handle (ISM) giving the operator great control over their cut.

* available on Request

ISM

Item No.	70184613985
Price (€)	###,##

HP 7,5 hp | kW 5,5kW | Volts 400V

Supply Voltage/ Power	400V 3~ / 5,5kW (7,5 hp)
Fuse/Generator	32 A / 14 kVA
Blade x bore	Ø 500 x 25,4mm
Tool speed RPM	2062 min^{-1}
Max. cutting depth	190mm
Max. cutting length	500mm
Flat table size (optional)	465 x 615mm
Tilting table (optional)	455 x 580mm
Hand Arm Vibrations	< 2,5 m/s^2
Sound power / pressure level	99 dB (A) / 85 dB (A)
Dimensions (LxWxH)	1400 x 760 x 1750mm
Weight	248kg

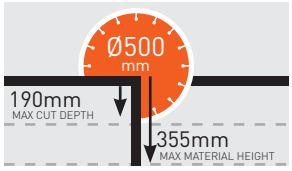
ISC

Item No.	70184613986
Price (€)	###,##

HP 7,5 hp | kW 5,5kW | Volts 400V

Supply Voltage/ Power	400V 3~ / 5,5kW (7,5 hp)
Fuse/Generator	32 A / 14 kVA
Blade x bore	Ø 500 x 25,4mm
Tool speed RPM	2062 min^{-1}
Max. cutting depth	190mm
Max. cutting length	750mm
Flat table size (optional)	710 x 615mm
Tilting table (optional)	710 x 610mm
Hand Arm Vibrations	< 2,5 m/s^2
Sound power / pressure level	99 dB (A) / 85 dB (A)
Dimensions (LxWxH)	1650 x 760 x 1750mm
Weight	280kg

PRODUCT FEATURES



MAX CUT DEPTH



Clipper's Tip

IMPORTANT

Conveyor carts, dust collectors and water supply systems are available as accessories. See selection chart below.

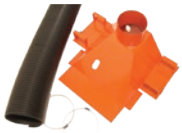


EXTREME UNI SILENCIO -70184630309



REFRACTORY - SEE RECOMMENDATION TABLE

HOW TO SELECT ISC AND ISM MASONRY SAWS AND ACCESSORIES

MAX. CUTTING LENGTH	FLAT OR MITRE CUT?	DRY OR WET CUTTING?	
		WET	DRY
ISM UP TO 500mm  ISC UP TO 750mm 	 **Tilting table 0 to 45°** ISM: 310004702 ISC: 310004539  **Flat conveyor cart** ISM: 310004704 ISC: 310004703	 **Water distribution kit** 310004732	 ⊕  **Hood** 310004552 **Dust extractor bag type** 310004544 OR **Dust extractor cabinet type** 310004536

CM70 ALU

- Anti-tipping system on the conveyor cart that prevents overturning and keeps the operator safe.
- Fixed back splash carpet promotes cleaner working.
- Pendular cutting head is ideal for step cutting on larger materials.
- Folding legs and transport wheels provide easy transportation and storage.

YouTube
CM70 ALU



CM70 ALU + blade included

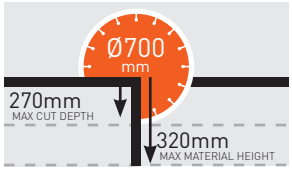
Item No.	70184603112
Price (€)	###,##

HP 4 hp
kW 3,0kW
Volts 230V

Supply voltage/Power kW (Hp)	230V / 3kW (4 hp)
Max blade x bore	Ø700mm x 25,4mm
Max material height	320mm
Max cutting depth	270mm

Max cutting length	500mm
Table size	570 x 490mm
RPM	1 500min^{-1}
Weight	128kg
Dimensions (mm)	1620 x 851 x 1571

PRODUCT FEATURES



MAX CUT DEPTH



PENDULAR CUTTING HEAD



EASY TO TRANSPORT



COMFORTABLE TO USE



ANTI-TIPPING SYSTEM



FIXED BACK SPLASH CARPET

DIAMOND BLADE RECOMMENDATIONS



Machine	
Substrate / Material	UNIVERSAL
Recommended Product	**PRO UNIVERSAL LASER**
Diameter x bore	700 x 25,4 mm
Item No.	70184603061
Page reference	40



Clipper's Tip

IDEAL FOR...

Aerated fired clay blocks, aerated concrete blocks and Cellular concrete



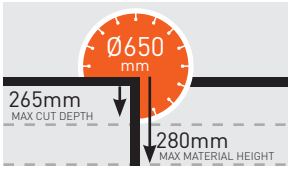


JUMBO 651

- Heavy duty construction with 4 wheels, allowing ease of movement around the work site. 2 lockable wheels secure the machine while in use; stabilising the cutting material and enabling a more accurate cut.
- Easy to access blade reduces machine downtime when it is being changed over.

	3 hp 2,2kW 230v JUMBO 651	7,5 hp 5,5kW 400v JUMBO 651
Item No.	70184694005	70184614005
Price (€)	###,##	###,##
Engine type	Electric	Electric
Supply Voltage/ Power	230V 1~/2,2kW (3 hp)	400V 3~/5,5kW (7,5 hp)
Fuse/ Generator	16 A / 6kVA	32 A /14kVA
Blade x bore	Ø 650 x 25,4mm	Ø 650 x 25,4mm
Tool speed RPM	1350 min^{-1}	1350 min^{-1}
Max. cutting depth	265mm	265mm
Max. cutting length	500mm	500mm
Max. material height	280mm	280mm
Table size	600 x 500mm	600 x 500mm
Hand Arm Vibrations	< 2,5 m/s^2	< 2,5 m/s^2
Sound power / pressure level	100 dB (A) / 86 dB (A)	100 dB (A) / 86 dB (A)
Dimensions (LxWxH)	1700 x 800 x 1480mm	1700 x 800 x 1480mm
Weight	208kg	212kg

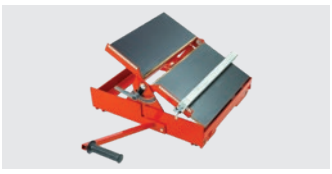
PRODUCT FEATURES



MAX CUT DEPTH


HEAVY DUTY FRAME


2 WHEELS WITH LOCKING DEVICE


TILTING TABLE - 310005275
(AVAILABLE ON REQUEST)

DIAMOND BLADE RECOMMENDATIONS



Machine	JUMBO 651	
Substrate / Material	SILENCIO	UNIVERSAL
Recommended Product	**EXTREME UNI SILENCIO**	**PRO UNIVERSAL LASER**
Diameter x bore	650 x 25,4mm	650 x 25,4mm
Item No.	70184694227	70184647265
Page reference	36	40

CM 1000 JUMBO

- Conveniently allows the use of 900mm and 1000mm diameter blades.
- Strong and sturdy table supporting up to 350kg.
- Plug and play water pump connection reduces maintenance time.
- Emergency push button to stop the machine quickly.
- Transport wheels, forklift sleeves and lifting eyelets facilitate transport around the work site.



CM 1000 JUMBO

Item No.	70184607570
Price (€)	###,##

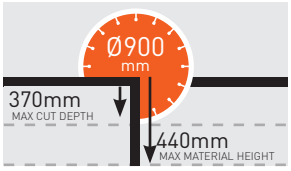
Supply voltage/Power kW (Hp)	400V ~3 /7,5 kW (10 hp)
Max blade x bore	Ø900/1000 x 60mm
Max material height	440mm
Max cutting depth	370/420mm

Max cutting length	720mm
RPM	928min^{-1}
Weight	420kg
Dimensions (mm)	2000 x 1080 x 1700mm

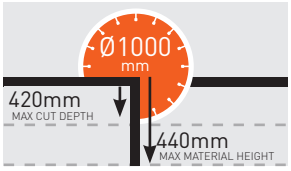


4 hp 3,0kW 230v

PRODUCT FEATURES



MAX CUT DEPTH - Ø900mm



MAX CUT DEPTH - Ø1000mm



FITS 900 & 1000mm BLADE DIAMETERS



REINFORCED TABLE



EASY WATER PUMP CONNECTION



EMERGENCY PUSH BUTTON



TRANSPORT WHEELS

DIAMOND BLADE RECOMMENDATIONS **FOR CM 1000 JUMBO**

Substrate / Material	UNIVERSAL	UNIVERSAL	UNIVERSAL	GRANITE
Recommended Product	**CLASSIC UNIVERSAL LASER**	**PRO UNIVERSAL LASER**	**EXTREME UNIVERSAL SILENCIO**	**EXTREME GRANITE**
Diameter x bore	900 x 60mm	900 x 60mm	900 x 60/55mm	900 x 60mm
Item No.	70184647269	70184647266	70184694030	70184603313
Diameter x bore	1000 x 60mm	1000 x 60mm	1000 x 60/55mm	
Item No.	70184647650	70184647263	70184694595	
Page reference	!!!	!!!	!!!	!!!

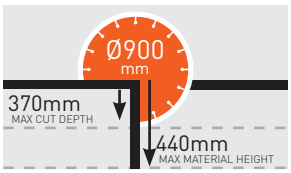


JUMBO 900/1000

- Heavy duty construction with 4 wheels, allowing ease of movement around the work site.
- Graduated scale on an angle, which gives the operator greater visibility of the cutting guide position.
- Curtain located in front of the blade reduces the amount of splash when the machine is in use.
- Improved blade guard provides even easier access to the blade. This reduces the amount of machine downtime when the blade is being replaced.

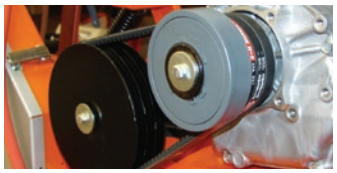
	10 hp 7,5kW 400V JUMBO 900 100-3-400V	10 hp 7,5kW 400V JUMBO 1000 100-3-400V	13 hp 9,6kW PETROL JUMBO 1000 P13 EASY START
Item No.	70184613939	70184621669	70184629335
Price (€)	###,##	###,##	###,##
Engine type	Electric	Electric	Petrol / HONDA
Supply Voltage/ Power	400V~3 / 7,5kW (10 hp)	400V~3 / 7,5kW (10 hp)	GX390, 9,6kW (13 hp)
Fuse/ Generator	32 A / 19 kVA	32 A / 19 kVA	-
Blade x bore	Ø 900 x 60mm	Ø 1000 x 60mm	Ø 1000 x 60mm
Tool speed RPM	928 min^{-1}	928 min^{-1}	928 min^{-1}
Max. cutting depth	370mm	420mm	420mm
Max. cutting length	720mm	720mm	720mm
Max. material height	440mm	440mm	440mm
Table size	720 x 800mm	720 x 800mm	720 x 800mm
Hand Arm Vibrations	< 2,5 m/s^2	< 2,5 m/s^2	< 2,5 m/s^2
Sound power / pressure level	100 dB (A) / 86 dB (A)	100 dB (A) / 86 dB (A)	105 dB (A) / 88 dB (A)
Dimensions (LxWxH)	2000 x 1080 x 1700mm	2000 x 1080 x 1700mm	2000 x 1080 x 1700mm
Weight	360kg	370kg	370kg

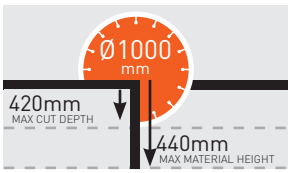
PRODUCT FEATURES



MAX CUT DEPTH - JUMBO 900


FRONT SPLASH GUARD


CENTRIFUGAL CLUTCH DEVICE (JUMBO P13 ONLY)



MAX CUT DEPTH - JUMBO 1000

DIAMOND BLADE RECOMMENDATIONS

Machine	JUMBO 900		JUMBO 1000	
Substrate / Material	SILENCIO	UNIVERSAL	SILENCIO	UNIVERSAL
Recommended Product	**EXTREME UNI SILENCIO**	**EXTREME UNIVERSAL**	**EXTREME UNI SILENCIO**	**PRO UNIVERSAL LASER**
Diameter x bore	900 x 60mm	900 x 60mm	1000 x 60mm	1000 x 60mm
Item No.	70184694030	70184647651	70184694595	70184647263
Page reference	36	40	36	40

CMV 1000 VERTO

- High performance cutting on blocks up to 650mm in height without flipping the material.
- Central lifting eye and built in forklift sleeves (800 x 1200mm) for easy on site maneuverability.
- Saw head permanently encapsulated to ensure user safety.
- Laser engraved rule on the table helps the operator make a precise cut.
- Hydraulic rolling table makes the material placement easier and quicker*.
- Wheel kit enables easy movement around the work site*.



*Only available on item n°70184603244

Basic version	
Item No.	70184603243
Price (€)	###,##

Machine with roller table and wheel kit	
Item No.	70184603244
Price (€)	###,##

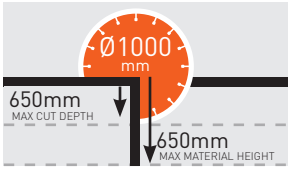
Supply voltage/Power kW (Hp)	400V ~3 /7,5 kW (10 hp)
Max blade x bore	Ø1000 x 60mm
Max material height	650mm
Max cutting depth	650mm
Max cutting length	425mm
RPM	900min^{-1}
Weight	583kg
Dimensions (mm)	1200 x 800 x 1995mm

HP 10 hp

kW 7,5kW

Volts 400V

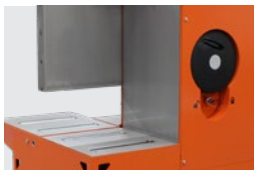
PRODUCT FEATURES



MAX CUT DEPTH



BUILT IN FORKLIFT SLEEVES



EMBEDDED HAND WHEEL ENSURING COMPACT DESIGN



TABLE WITHOUT ROLLER (70184603243)



HYDRAULIC ROLLER TABLE (70184603243)



WHEEL KIT (70184603243)

DIAMOND BLADE RECOMMENDATIONS **FOR CM 1000 VERTO**



Substrate / Material	UNIVERSAL	UNIVERSAL	UNIVERSAL	GRANITE
Recommended Product	**CLASSIC UNIVERSAL LASER**	**PRO UNIVERSAL LASER**	**EXTREME UNIVERSAL SILENCIO**	**EXTREME GRANITE**
Diameter x bore	1000 x 60mm	1000 x 60mm	1000 x 60/55mm	900 x 60mm
Item No.	70184647650	70184647263	70184694595	70184603313
Page reference	!!!	!!!	!!!	!!!



CB311

- Galvanised folding table is hardwearing and gives the CB311 a long usage life and reliability.
- A dual deadman's handle makes this machine very safe to use.
- Adjustable stabilising feet keep the band saw stable and secure even when located on uneven ground.
- Compact design for ease of storage even in locations where space is at a premium.
- Extreme band CB311 for enhanced performance included with every CB311.

PRODUCT DATA

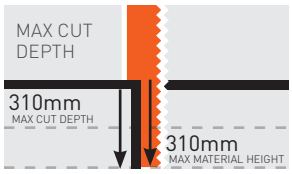
Item No.	70184602677
Price (€)	###,##

Supply Voltage/ Power	230V ~1 / 1,1kW (1,5 hp)
Band size	2950 x 27mm
Weight	132kg

Dimensions (LxWxH)	830 x 620 x 1600mm
Max. cutting length	660mm
Max. material height	310mm

2,5 hp | 1,85kW | 230V

PRODUCT FEATURES



MAX CUT DEPTH


SAFE DUAL DEADMAN'S HANDLE


CAN FIT IN SMALL SPACES


EASY TO TRANSPORT


PRECISION CUT


MACHINE STABILITY

BAND RECOMMENDATIONS **FOR CB311**

Substrate / Material	UNIVERSAL	UNIVERSAL
Recommended Product	**EXTREME BAND CB311**	**PRO BAND CB311**
Length	2950mm	2950mm
Item No.	70184603100	70184603101



IDEAL FOR...
Aerated fired clay blocks and autoclaved aerated concrete blocks



CB511 & CB651

- Incorporated lift ring, double lifting rails and wheels make it easy to move these machines by forklift or even by hand.
- Sturdy and reliable, with a galvanised folding table, these band saws benefit from a long life and require little maintenance.
- Features a dust outlet that allows connectivity with an external dust extractor; enabling a clean working environment.
- Extreme band included with every CB511 & CB651 for enhanced performance.



PRODUCT DATA CB511

Item No.	70184694702
Price (€)	###,##

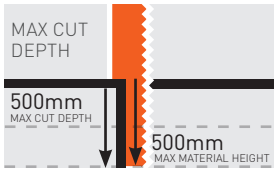
CB651

Item No.	70184602676
Price (€)	###,##

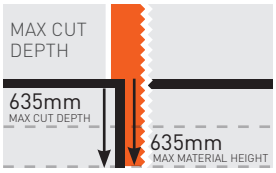
2,5 hp | 1,85kW | 230V

	CB511	CB651
Supply Voltage/ Power	230V 1~ / 1,85kW (2,5 hp)	230V 1~ / 1,85kW (2,5 hp)
Band size	3850 x 27mm	4120 x 34mm
Dimensions (LxWxH)	1050 x 900 x 1840mm	1050 x 900 x 1980mm
Weight	203kg	207kg
Max. cutting length	660mm	660mm
Max. material height	500mm	635mm
Weight	203kg	207kg
Dimensions	1050 x 900 x 1840mm	1050 x 900 x 1980mm

PRODUCT FEATURES



MAX CUT DEPTH CB511



MAX CUT DEPTH CB 651


CUTTING GUIDE


FOLDING TABLE


SAFETY OF USE


PRECISION CUT

BAND RECOMMENDATIONS **FOR CB511**

Substrate / Material	UNIVERSAL	UNIVERSAL	UNIVERSAL
Recommended Product	**EXTREME LONG-LIFE BAND CB511**	**EXTREME BAND CB511**	**PRO BAND CB511**
Length	3850mm	3850mm	3850mm
Item No.	70184603022	70184695024	70184601811

BAND RECOMMENDATIONS **FOR CB651**

Substrate / Material	UNIVERSAL	UNIVERSAL
Recommended Product	**EXTREME BAND CB651**	**PRO BAND CB651**
Length	4120mm	4120mm
Item No.	70184603102	70184603103



Clipper's Tip

IDEAL FOR...

Aerated fired clay blocks and autoclaved aerated concrete blocks



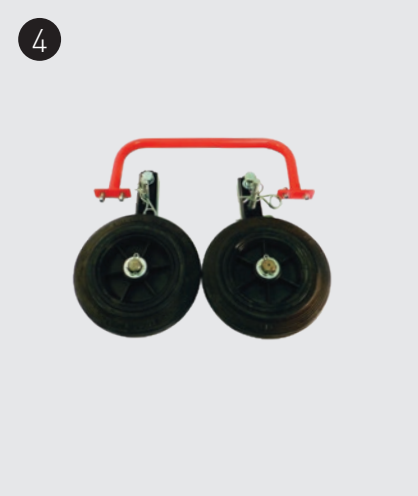
www.youtube.com/NortonAbrasivesEMEA

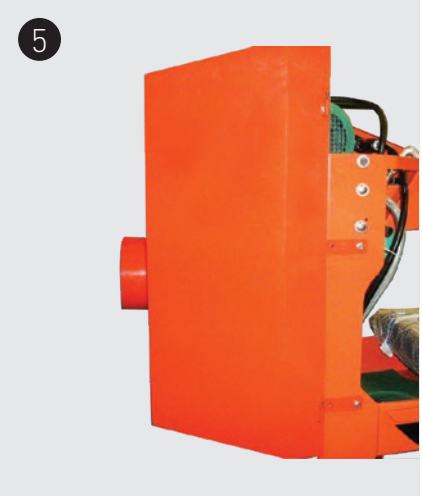
MASONRY SAW SPARE PARTS & ACCESSORIES







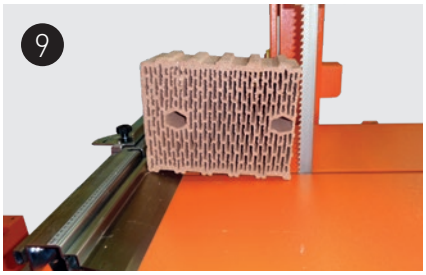












CM501

DESCRIPTION	ITEM No.	PRICE (€)
1 - Cutting guide 45°	310004537	###,##
2 - Tilting cart 0 to 45°	310004556	###,##
3 - Side extension	310004557*	###,##
4 - Transport accessory	310004609	###,##
5 - Hood	310004580	###,##
6 - Dust extraction bag type	310004544*	###,##
7 - Electric hourmeter kit	310006307	###,##
Blade guard (blade shield compatible)	310005679	###,##
Blade shield	310004582**	###,##

* Available on request
** For use with blade guard 310005679

JUMBO 900 & 1000

DESCRIPTION	ITEM No.	PRICE (€)
8 - Cutting guide 0 to 45°	310004590	###,##

CB511 & CB651

DESCRIPTION	ITEM No.	PRICE (€)
9 - Slanted cutting device	310491491	###,##

CM35 MINI CLIPPER

DESCRIPTION	ITEM No.	PRICE (€)
Wheels & handles kit	310523364	###,##
Water tray & pump 230V	310523296	###,##

CGW

DESCRIPTION	ITEM No.	PRICE (€)
Water tray cap	310005257	###,##
Water pump 230V	310004389	###,##
Switch 230V	510103106	###,##
Table wheel (4x)	310004676	###,##

CM352

DESCRIPTION	ITEM No.	PRICE (€)
Water tray cap	310005257	###,##
Water pump 230V	310004389	###,##
Switch 230V	510103106	###,##
Table wheel (4x)	310004676	###,##

CM401

DESCRIPTION	ITEM No.	PRICE (€)
1 - Side extension	310007579	###,##

ISM

DESCRIPTION	ITEM No.	PRICE (€)
7 - Tilting table 0 to 45° for ISM	310004702	###,##
8 - Flat conveyor cart for ISM	310004704	###,##
9 - Water distribution kit	310004732	###,##
10 - Hood	310004552	###,##
11 - Dust extraction bag type	310004544*	###,##
Dust extraction cabinet type	310004536	###,##
Protection blade guard	510108157	###,##
Conveyor cart wheel (1x)	00310004284	###,##
Water pump	00310004300	###,##

* Available on request

CM42

DESCRIPTION	ITEM No.	PRICE (€)
Switch 230V	510103106	###,##
Water pump 230V	310446803	###,##
Table wheel (4x)	310004676	###,##

CM400

DESCRIPTION	ITEM No.	PRICE (€)
Switch 230V	310369467	###,##
Belt (230V machine)	310369466	###,##
Table wheel (4x)	310004676	###,##

CST

DESCRIPTION	ITEM No.	PRICE (€)
5 - Lateral guide a cut (CST100)	310006280	###,##
5 - Lateral guide a cut (CST120-150)	310478996	###,##
4 - Side extension flat with leg 550x450mm	310479000	###,##
3 - Side extension roller 1000x500mm	310478999	###,##
Guide a cut	310479001	###,##
6 - Cutting guide 0° to 45°	310479002	###,##

ISC

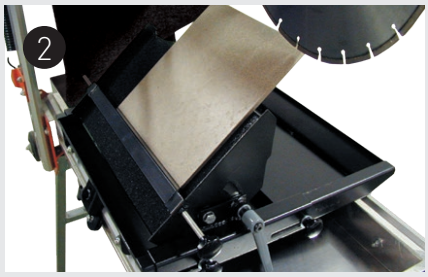
DESCRIPTION	ITEM No.	PRICE (€)
7 - Tilting table 0 to 45° for ISC	310004539	###,##
8 - Flat conveyor cart for ISC	310004703	###,##
9 - Water distribution kit	310004732	###,##
10 - Hood	310004552	###,##
11 - Dust extraction bag type	310004544*	###,##
Dust extraction cabinet type	310004536	###,##
Protection blade guard	510108157	###,##
Conveyor cart wheel (1x)	00310004284	###,##
Water pump	00310004300	###,##

* Available on request

1



2



3



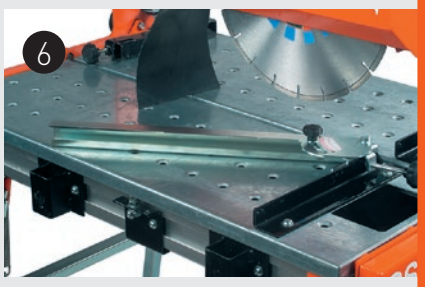
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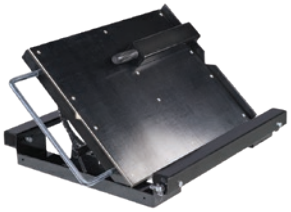
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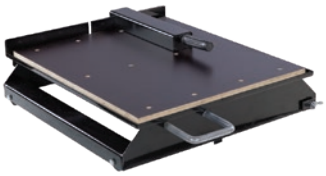
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7



8



9



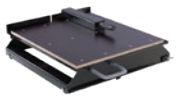
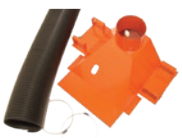
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11



HOW TO SELECT ISC AND ISM MASONRY SAWS AND ACCESSORIES

MAX. CUTTING LENGTH	FLAT OR MITRE CUT?	DRY OR WET CUTTING?	
		WET	DRY
ISM UP TO 500mm  ISC UP TO 750mm 	 **Tilting table 0 to 45°** ISM: 310004702 ISC: 310004539  **Flat conveyor cart** ISM: 310004704 ISC: 310004703	 **Water distribution kit** 310004732	 **Hood** 310004552 ⊕  **Dust extractor bag type** 310004544 OR **Dust extractor cabinet type** 310004536

NOTES

NORTON SAINT-GOBAIN clipper®

FLOOR SAWS

The Norton Clipper floor saw range exists in a wide range of blade diameters, motorizations and powers to suit all applications from small road repairs to airfield work sites. Use with Norton Clipper diamond blades for optimal results.



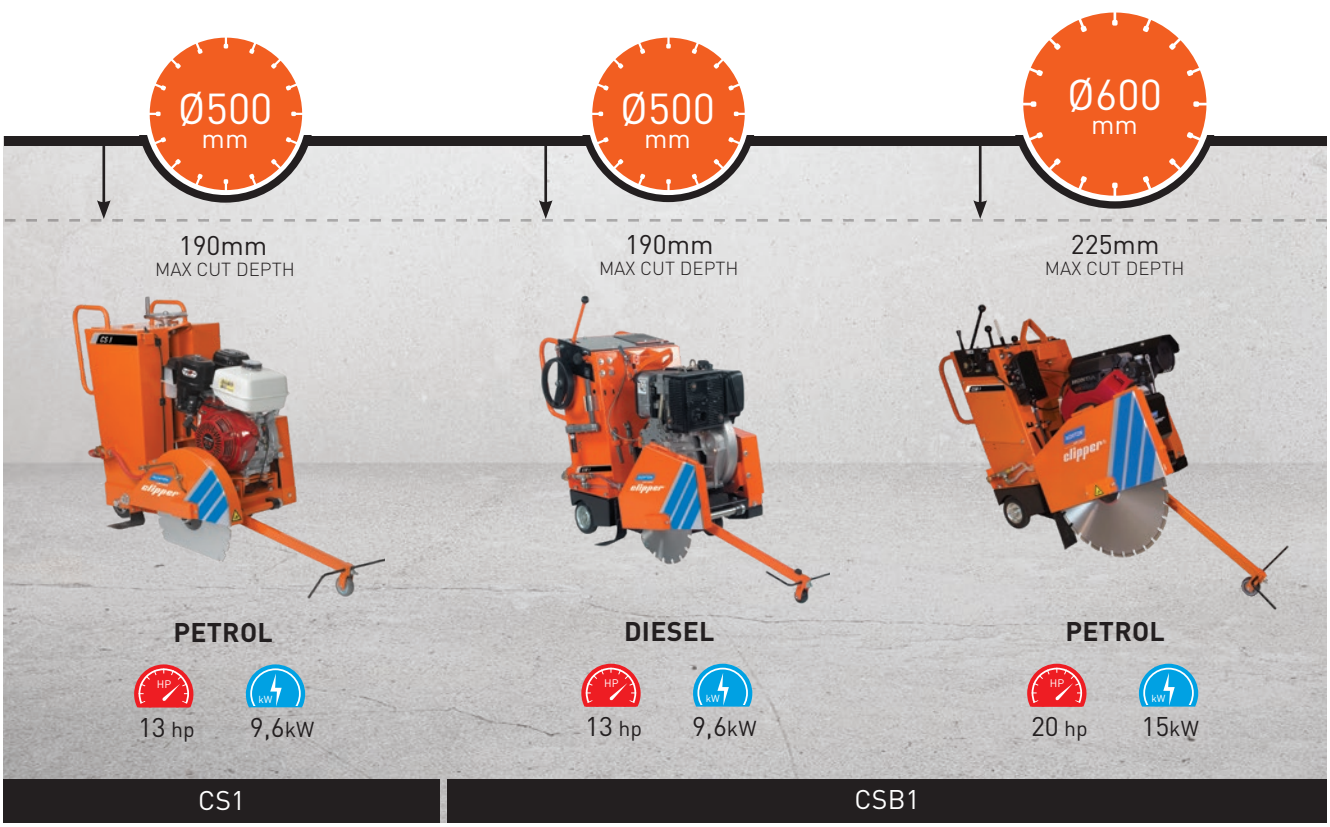


PETROL / DIESEL

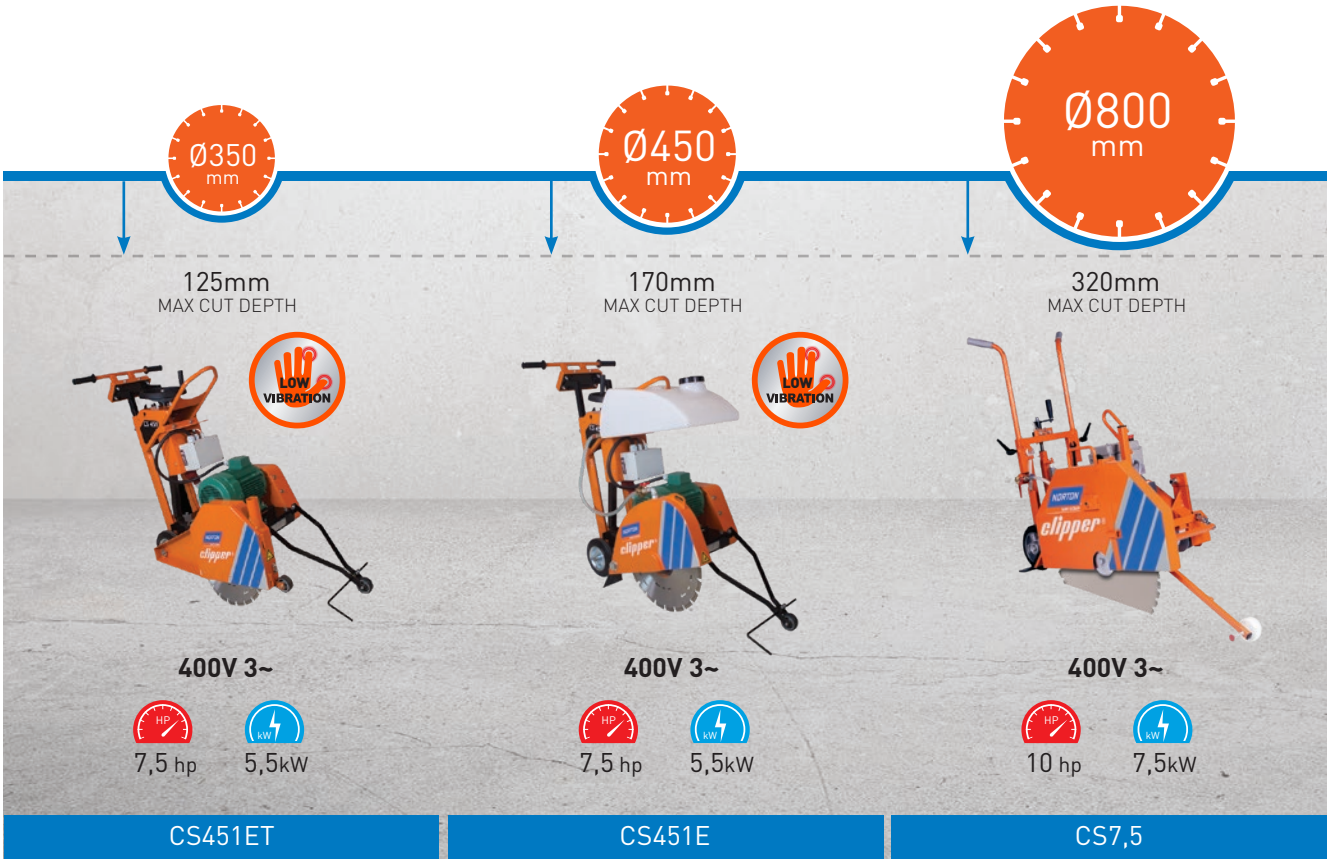


www.youtube.com/NortonAbrasivesEMEA

PETROL / DIESEL



ELECTRIC



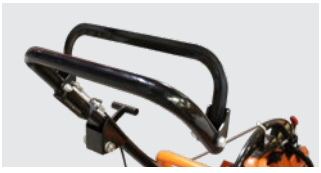
SPEEDY CART

- Compact design allowing easy storage when not in use.
- Rapid mounting and dismounting of the cut-off saw.
- Designed for optimal comfort while cutting.
- Easy to manoeuvre and ergonomic.
- Multipurpose and flexible, it can be used with several brands and machine models (*with optional cart adapters).



DESCRIPTION	POWER	MAX Ø (mm)	MAX CUTTING DEPTH (mm)	DIMENSIONS (mm)	WEIGHT (kg)	ITEM NO.	PRICE (€)
Speedy cart including Norton Clipper's adapter	-	-	-	1100 x 1000 x 470	37	70184602496	###,##
Speedy cart + CP512 Petrol Saw	4kW	300	100	1100 x 1000 x 470	52,1	70184602520	###,##
Speedy cart + CP512 iLube Petrol Saw	4kW	300	100	1100 x 1000 x 470	52,2	70184602521	###,##
Speedy cart + CP514 Petrol Saw	4kW	350	125	1100 x 1000 x 470	52,4	70184602522	###,##
Speedy cart + CP514 iLube Petrol Saw	4kW	350	125	1100 x 1000 x 470	52,5	70184602523	###,##

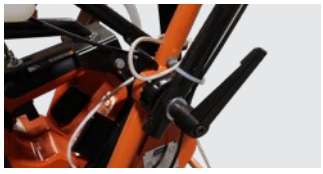
PRODUCT FEATURES



ERGONOMIC THROTTLE HANDLE



RISE / LOWER SYSTEM



ADJUSTABLE HANDLE POSITION



EASY MOUNTING OF THE CUT-OFF SAW



Clipper's Tip

The Norton Clipper SPEEDY CART is designed to work with the most popular high-speed saws, making easy work of any concrete, asphalt, or curb cutting job. Featuring precise depth adjustment, effortless rolling wheels, and ergonomic controls, makes this product a must-have accessory for high-speed saw cutting.

Norton Clipper SPEEDY CART is built to last, with a durable and long lasting steel frame. Its user-friendly design and ease of operation, makes the SPEEDY CART the smoothest floor cutting accessory on the market today.

CART ADAPTERS*

MACHINE MODELS	ITEM NO.	PRICE (€)
TS 410-420	310501671	###,##
K760	310501670	###,##

C51



- Compact design to help with storage when space is limited.
- Large diameter rear wheels that are coated with hard rubber, giving the machine stability and sturdiness.
- Easy to use cutting depth adjuster keeps the operator in control at all times.

PRODUCT DATA

Item No.	70184683534
Price (€)	###,##

6,5 hp | 4,8kW | PETROL

Power source	Petrol
Motor type	HONDA GX200
Power	4,8kW (6,5 hp)
Blade x bore	Ø 350 x 25,4mm
Max. cutting depth	125mm
Dimensions (LxWxH)	780 x 460 x 890mm
Weight	76kg

Water tank capacity (removable)	20 L
Tool speed RPM	2800 min^{-1}
Starter	Recoil
Raise and lower	Manual
Propelling	Push
Hand Arm Vibrations	6,02 m/s^2
Sound power / pressure level	100 dB (A) / 84 dB (A)

PRODUCT FEATURES



MAX CUT DEPTH



ADJUSTABLE HANDLE HEIGHT



SEALED WHEEL BEARINGS



REMOVABLE 20 LITRE POLYURETHANE WATER TANK

DIAMOND BLADE RECOMMENDATIONS **FOR C51**



Substrate / Material	BETON	SILENCIO	ASPHALT	ALL MATERIALS
Recommended Product	**EXTREME BETON**	**EXTREME BETON SILENCIO**	**EXTREME ASPHALT**	**PRO 4X4 EXPLORER**
Diameter	350mm	350mm	350mm	350mm
Bore	25,4mm	25,4mm	25,4mm	25,4mm
Item No.	70184647790	70184628997	70184694537	70184602093
Page reference	24	26	58	44

CS401

- Available in two alternatives to fit specific user requirements – 400mm (9HP) and 450mm (13HP) blade guards.
- The removable 20 litre water tank allows wet-cutting even when working away from a water source.
- Consistent and accurate depth control is maintained with the crank handle and gauge.



CS401 P13

Item No.	70184647623
Price (€)	###,##

Power source	Petrol
Motor type	Honda GX390 Cycl.
Power	9,6kW (13 HP)
Blade x bore	Ø 450 x 25,4mm
Max. cutting depth	170mm
Dimensions (LxWxH)	1180 x 650 x 1000mm
Water tank capacity (removable)	20 L

Tool speed RPM	2600 min^{-1}
Starter	Recoil
Raise and lower	Manual
Propelling	Push
Hand Arm Vibrations	4,13 m/s^2
Sound power / pressure level	100 dB(A)/86 dB(A)
Weight	99kg

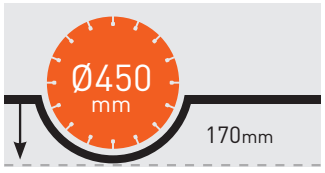
13HP 9,6kW PETROL

PRODUCT FEATURES



MAX CUT DEPTH - P9


CUTTING DEPTH INDICATOR



MAX CUT DEPTH - P13


SMART CUTTING-DEPTH LOCKING

DIAMOND BLADE RECOMMENDATIONS **FOR CS401**



Substrate / Material		BETON	SILENCIO	ASPHALT	ALL MATERIALS
Recommended Product		**EXTREME BETON**	**EXTREME BETON SILENCIO**	**EXTREME ASPHALT**	**PRO 4X4 EXPLORER**
CS401 P9	Blade x Bore	400 x 25,4mm	400 x 25,4mm	400 x 25,4mm	400 x 25,4mm
	Item No.	70184693354	-	70184694911	70184602095
CS401 P13	Blade x Bore	450 x 25,4mm	450 x 25,4mm	450 x 25,4mm	450 x 25,4mm
	Item No.	70184601689	70184631020	70184694912	70184602096
Page reference		27	26	58	44



CS451 P13

Item No.	70184628433
Price (€)	###,##

13 hp | 9,6kW | PETROL

CS451 D7

Item No.	70184629089
Price (€)	###,##

7 hp | 5kW | DIESEL

Power source	Petrol
Motor type	HONDA GX390 Cyclonic
Power	9,6kW (13 hp)
Blade x bore	Ø 450 x 25,4mm
Max. cutting depth	170mm
Dimensions (LxWxH)	1180 x 538 x 1040mm
Water tank capacity (removable)	25 L
Tool speed RPM	2573 min^{-1}
Starter	Recoil
Raise and lower	Manual
Propelling	Push
Hand Arm Vibrations	2,8 m/s^2
Sound power / pressure level	105 dB (A) / 88 dB (A)
Weight	112kg

Power source	Diesel
Motor type	HATZ 1B30
Power	5kW (7 hp)
Blade x bore	Ø 450 x 25,4mm
Max. cutting depth	170mm
Dimensions (LxWxH)	1180 x 538 x 1040mm
Water tank capacity (removable)	25 L
Tool speed RPM	2573 min^{-1}
Starter	Recoil
Raise and lower	Manual
Propelling	Push
Hand Arm Vibrations	4,7 m/s^2
Sound power / pressure level	110 dB (A) / 91 dB (A)
Weight	120kg

PRODUCT FEATURES



MAX CUT DEPTH


LOW VIBRATION HANDLEBAR


CUT DEPTH INDICATOR



CYCLONIC AIR FILTER

DIAMOND BLADE RECOMMENDATIONS **FOR CS451**



Substrate / Material	BETON	SILENCIO	ASPHALT	ALL MATERIALS
Recommended Product	**EXTREME BETON**	**EXTREME BETON SILENCIO**	**EXTREME ASPHALT**	**PRO 4X4 EXPLORER**
Diameter	450mm	450mm	450mm	450mm
Bore	25,4mm	25,4mm	25,4mm	25,4mm
Item No.	70184602363	70184631020	70184694912	70184602096
Page reference	27	26	58	44

CS1 P13

- The heavy duty jig welded steel frame makes this machine robust, hardwearing and reliable.
- Hand wheel and endless screw depth control system for quick, easy and accurate setting.
- Blade shaft is mounted on 'greased-for-life' pillow block bearings for easy maintenance.
- Water flow control system on both sides of the blade for optimised performance.



PRODUCT DATA

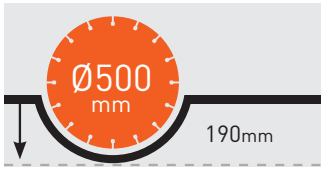
Item No.	70184629389
Price (€)	###,##

13 hp | 9,6kW | PETROL

Power source	Petrol
Motor type	HONDA GX390 Cycl.
Power	9,6kW (13 hp)
Blade x bore	Ø 500 x 25,4mm
Max. cutting depth	190mm
Dimensions (LxWxH)	1088 x 580 x 925mm
Weight	140kg

Water tank capacity	70 L
Tool speed RPM	2600 min^{-1}
Starter	Recoil
Raise and lower	Manual
Propelling	Push
Hand Arm Vibrations	4,22 m/s^2
Sound power / pressure level	105dB(A)/89dB(A)

PRODUCT FEATURES



MAX CUT DEPTH


HANDWHEEL WITH ENDLESS SCREW DEPTH CONTROL SYSTEM


WATER ON BOTH SIDES OF THE BLADE



CYCLONIC AIR FILTER

DIAMOND BLADE RECOMMENDATIONS **FOR CS1**



Substrate / Material	BETON	SILENCIO	ASPHALT	ALL MATERIALS
Recommended Product	**EXTREME BETON**	**EXTREME BETON SILENCIO**	**EXTREME ASPHALT**	**PRO 4X4 EXPLORER**
Diameter	500mm	500mm	500mm	500mm
Bore	25,4mm	25,4mm	25,4mm	25,4mm
Item No.	70184601690	70184630416	70184694913	70184602097
Page reference	27	26	58	48

CSB1 P21



- The welded steel frame is heavy duty and durable.
- A removable water tank ensures that the machine can be used even when away from a water source.
- Automatic forward propulsion adds to the ease of use.
- Manual, hydraulic raising and lowering of the blade helps the operator be more precise in the depth of their cut.

PRODUCT DATA

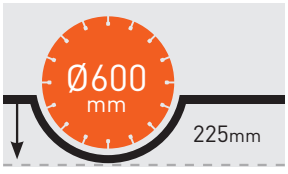
Item No.	70184645495
Price (€)	###,##

20 hp | 15kW | PETROL

Power source	Petrol
Motor type	HONDA GX630
Power	15kW (20 hp)
Blade x bore	Ø 600 x 25,4mm
Max. cutting depth	225mm
Dimensions (LxWxH)	1200 x 600 x 1100mm
Weight	240kg

Water tank capacity	Optional (25l accessory)
Tool speed RPM	1775 min^{-1}
Starter	Electric
Raise and lower	Manual hydraulic
Propelling	Automatic
Hand Arm Vibrations	3,35 m/s^2
Sound power / pressure level	107 dB(A)/89 dB(A)

PRODUCT FEATURES



MAX CUT DEPTH


CONTROL BOX


MANUAL OR HYDRAULIC RAISE & LOWER THE BLADE


REMOVABLE WATER TANK (OPTIONAL)

DIAMOND BLADE RECOMMENDATIONS **FOR CSB1 (PETROL)**



Substrate / Material	BETON	BETON	ASPHALT	ASPHALT
Recommended Product	**EXTREME BETON**	**PRO BETON**	**EXTREME ASPHALT 10**	**PRO ASPHALT**
Diameter	600mm	600mm	600mm	600mm
Bore	25,4mm	25,4mm	25,4mm	25,4mm
Item No.	70184601691	70184611982	70184640192	70184611980
Page reference	27	26	58	59

CSB1 D13*

- The manual hydraulic raising/ lowering function gives the operator greater control and accuracy over their process.
- Built in water tank provides wet cutting autonomy in isolated locations.
- Lifting eye positioned at the centre of gravity makes for easy loading and transportation.
- High resistance wheels with sealed heavy duty bearings deliver a smooth, straight cut.



* Available on request

PRODUCT DATA

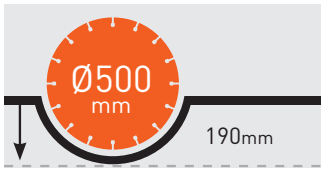
Item No.	70184613925
Price (€)	###,##

13 hp | 9,6kW | DIESEL

Power source	Diesel
Motor type	HATZ 1D81 Z
Power	9,6kW (13 hp)
Blade x bore	Ø 500 x 25,4mm
Max. cutting depth	190mm
Dimensions (LxWxH)	1200 x 600 x 1040mm
Weight	255kg

Water tank capacity	25 L
Tool speed RPM	1950 min^{-1}
Starter	Crank
Raise and lower	Manual hydraulic
Propelling	Automatic
Hand Arm Vibrations	5,08 m/s^2
Sound power / pressure level	114 dB(A) /101 dB(A)

PRODUCT FEATURES



MAX CUT DEPTH


BUILT-IN WATER TANK


MANUAL OR HYDRAULIC RAISE & LOWER THE BLADE


BUILT-IN LIFTING EYE

DIAMOND BLADE RECOMMENDATIONS **FOR CSB1 (DIESEL)**



Substrate / Material	BETON	SILENCIO	ASPHALT	ALL MATERIALS
Recommended Product	**EXTREME BETON**	**EXTREME BETON SILENCIO**	**EXTREME ASPHALT**	**PRO 4X4 EXPLORER**
Diameter	500mm	500mm	500mm	500mm
Bore	25,4mm	25,4mm	25,4mm	25,4mm
Item No.	70184601690	70184630416	70184694913	70184602097
Page reference	27	26	58	48



CS451 E & ET LOW VIBRATION

- Vibration absorbing handlebars that reduce the intensity of hand-arm vibrations experienced by the operator and increases working time.
- The handle height is adjustable to satisfy a spectrum of cutting depths with precision. This is further enhanced by the continuous depth control feature.
- Suitable for wet and dry cutting with the water hose connector and dust extraction port.

CS451 ET BLADE GUARD

CS451 E

Item No.	70184601973
Price (€)	###,##

7,5 hp | 5,5kW | 400V 3~

Supply Voltage / Power	400V 3~ / 5,5kW (7,5 hp)
Fuse/Generator	16A / 14kVA
Blade x bore	Ø 450 x 25,4mm
Max. cutting depth	170mm
Dimensions (LxWxH)	1160 x 512 x 990mm
Water tank capacity (removable)	25 L
Tool speed RPM	2850 min^{-1}
Starter	Electric
Raise and lower	Manual
Propelling	Push
Hand Arm Vibrations	**<2,5 m/s²**
Sound power / pressure level	94 dB (A) / 80 dB (A)
Weight	105kg

CS451 ET

Item No.	70184601972
Price (€)	###,##

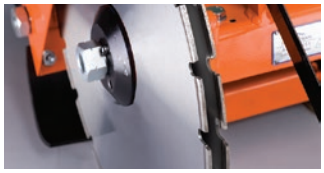
7,5 hp | 5,5kW | 400V 3~

Supply Voltage / Power	400V 3~ / 5,5kW (7,5 hp)
Fuse/Generator	16A / 14kVA
Blade x bore	Ø 350 x 25,4mm
Max. cutting depth	125mm
Dimensions (LxWxH)	1160 x 512 x 990mm
Water tank capacity (removable)	N/A
Tool speed RPM	2850 min^{-1}
Starter	Electric
Raise and lower	Manual
Propelling	Push
Hand Arm Vibrations	**<2,5 m/s²**
Sound power / pressure level	94 dB (A) / 80 dB (A)
Weight	105kg

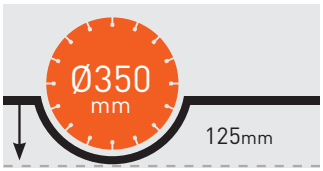
PRODUCT FEATURES



MAX CUT DEPTH
CS451 E



TWIN BLADE MOUNTING
(CS451 E ONLY)



MAX CUT DEPTH
CS451 ET



WATER HOSE CONNECTOR
(CS451 E ONLY)

DIAMOND BLADE RECOMMENDATIONS **FOR CS451 E & ET**



Substrate / Material		BETON	SILENCIO	ASPHALT	ALL MATERIALS
Recommended Product		**EXTREME BETON**	**EXTREME BETON SILENCIO**	**EXTREME ASPHALT**	**PRO 4X4 EXPLORER**
CS451 E	Blade x Bore	450 x 25,4mm	450 x 25,4mm	450 x 25,4mm	450 x 25,4mm
	Item No.	70184602363	70184631020	70184694912	70184602096
CS451 ET	Blade x Bore	350 x 25,4mm	350 x 25,4mm	350 x 25,4mm	350 x 25,4mm
	Item No.	70184647790	70184628997	70184694537	70184602093
Page reference		27	26	58	48

CS7,5 E

- Electrical motor provides a clean, emission free, low noise, and low vibration solution. The motor is also removable to help with storage in confined areas.
- Tough, heavy duty steel frame that is built to last.



PRODUCT DATA

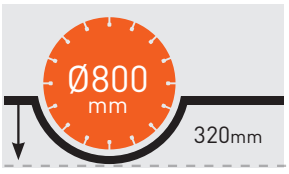
Item No.	70184623924
Price (€)	###,##

10 hp | 7,5kW | 400V 3~

Supply Voltage / Power	400V 3~ / 7,5kW (10 hp)
Fuse/Generator	16A / 19 kVA
Blade x bore	Ø 800 x25,4mm
Max. cutting depth	320mm
Dimensions (LxWxH)	1270 x 580 x 1000mm
Weight	118kg

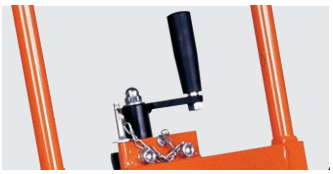
Tool speed RPM	1460 min^{-1}
Starter	Electric
Raise and lower	Manual
Propelling	Push
Hand Arm Vibrations	4,86 m/s^2
Sound power / pressure level	94 dB (A) / 80 dB (A)

PRODUCT COMPARISON



MAX CUT DEPTH


ADJUSTABLE HANDLE


DEPTH CONTROL HAND WHEEL

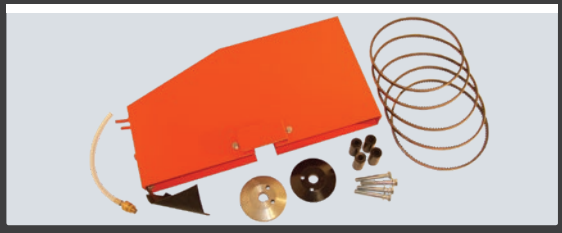

WATER HOSE CONNECTOR

DIAMOND BLADE RECOMMENDATIONS **FOR CS7,5 E**



Substrate / Material	BETON
Recommended Product	**EXTREME BETON**
Diameter	800mm
Bore	25,4mm
Item No.	70184601693
Page reference	27

FLOOR SAW ACCESSORIES AVAILABLE ON **PAGE 126**



FLOOR SAW ACCESSORIES

C51

DESCRIPTION	ITEM No.	PRICE (€)
4 - Front wheel (x1)	310006082	###,##
5 - Rear wheel (x1)	310005495	###,##
Belts	310006076	###,##

CS401 P13

DESCRIPTION	ITEM No.	PRICE (€)
4 - Front wheel (x2)	310005496	###,##
5 - Rear wheel (x2)	310006552	###,##
Belts	310005227	###,##

CS451 P13

DESCRIPTION	ITEM No.	PRICE (€)
1 - Kit for twin blade mounting (18mm)	310357954	###,##
4 - Front wheel (x2)	510101401	###,##
5 - Rear wheel (x2)	510101399	###,##
Belts	310349309	###,##

CS451 D7

DESCRIPTION	ITEM No.	PRICE (€)
1 - Kit for twin blade mounting (18mm)	310357954	###,##
4 - Front wheel (x2)	510101401	###,##
5 - Rear wheel (x2)	510101399	###,##
Belts	310360982	###,##

CS1 P13

DESCRIPTION	ITEM No.	PRICE (€)
4 - Front wheel (x2)	310461922	###,##
5 - Rear wheel (x2)	310461921	###,##
Belts	310006958	###,##

CSB1 D13

DESCRIPTION	ITEM No.	PRICE (€)
2 - Kit for 600mm blade guard	310005876	###,##
4 - Front wheel (x1)	310004260	###,##
5 - Rear wheel (x1)	310004873	###,##
Belts	310005852	###,##
Ventilator belt	310004178	###,##

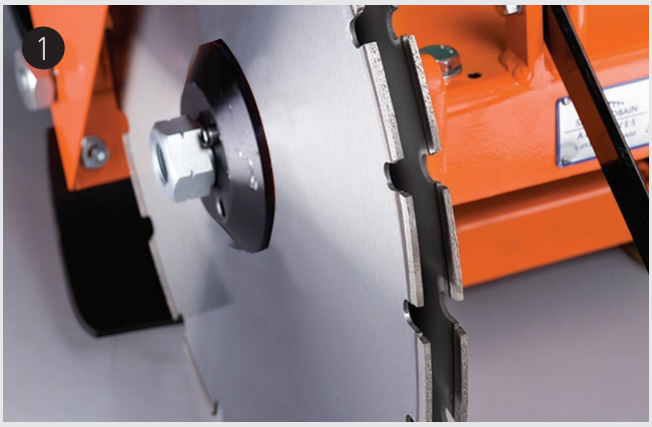
CSB1 P21

DESCRIPTION	ITEM No.	PRICE (€)
Kit guard + pulleys for Ø350mm (CSB1 P21)	310006678	###,##
3 - Kit water tank	310419088	###,##
4 - Front wheel (x1)	310004260	###,##
5 - Rear wheel (x1)	310004873	###,##
Belts	310031861	###,##
Ventilator belt	310004455	###,##

SPEEDY CART

DESCRIPTION	ITEM No.	PRICE (€)
6 - Water tank 11l	310521698	###,##
Cart adapter: TS 410-420	310501671	###,##
Cart adapter: K760	310501670	###,##

1



2



3



4



5



6



NORTON SAINT-GOBAIN

clipper®

HANDHELD CUT-OFF SAWS

The Norton Clipper cut-off saws are available for 300 and 350mm blades, with standard or automatic oil & fuel mixing system (iLube). Use with Norton Clipper diamond blades for best results.





CP512 RANGE

Ø300 mm

100mm
MAX CUT DEPTH



PETROL/ WITH iLUBE®

5,4 hp 4kW

CP512 300 / WITH iLUBE®

CP514 RANGE

Ø350 mm

125mm
MAX CUT DEPTH



PETROL /WITH iLUBE®

5,4 hp 4kW

CP514 350 / WITH iLUBE®

CE414 RANGE

Ø350 mm

127mm
MAX CUT DEPTH



ELECTRIC CE414-350

4,2 hp 3,1kW

CE414 350

CP512 & CP514

Clipper's Tip

Compatible with the all new **Speedy Cart**.
See full details on page 132.

POWERFUL 4kW 5,4HP power in a compact design





USER-FRIENDLY

- Electronic carburator allows an easy 3-step engine start. No more choke or half-throttle set-up.
- Easy stopping: just press the red button!
- 5-spring anti-vibration system.
- Back-end handle and enhanced weight balance.
- iLube®: No more worrying about 2-stroke fuel mixtures. Just fill with regular fuel and 2-stroke oil!

LONG-LIFE & LOW MAINTENANCE

- Easy semi-automatic belt tensioning.
- Multi-Stage Air Filter with pulsating air streams. Fitted with external rocker wheel to prevent filters from clogging.
- Magnesium blade guard for extra safety and lighter weight. Nikasil-coated cylinder & heavy duty starter rope for longer life.
- V-belt for driving cutting blade.
- Tank caps with over-tightenting protection.

	CP512 300	CP512 300 iLUBE®	CP514 350	CP514 350 iLUBE®
Item No.	70184647558	70184647560	70184647562	70184647564
Price (€)	###,##	###,##	###,##	###,##
Power	4,0kW / 5,4 hp	4,0kW / 5,4 hp	4,0kW / 5,4 hp	4,0kW / 5,4 hp
Max. blade x bore	Ø 300 x 20 / 25,4mm	Ø 300 x 20 / 25,4mm	Ø 350 x 20 / 25,4mm	Ø 350 x 20 / 25,4mm
Max. cutting depth	100mm	100mm	125mm	125mm
Rotation speed (RPM)	4450 min^{-1}	4450 min^{-1}	4450 min^{-1}	4450 min^{-1}
Petrol + oil	⩾ 92 RON +2%	⩾ 92 RON + iLube® Automatic Mix	⩾ 92 RON +2%	⩾ 92 RON + iLube® Automatic Mix
Water cooling	✓	✓	✓	✓
Sound power / pressure level	108 dB (A) / 98 dB (A)	108 dB (A) / 98 dB (A)	108 dB (A) / 98 dB (A)	108 dB (A) / 98 dB (A)
Dimensions	430 x 267 x 750mm	430 x 267 x 750mm	430 x 267 x 775mm	430 x 267 x 775mm
Weight	10,1kg	10,2kg	10,4kg	10,5kg

The Norton Clipper handheld cut-off saws are covered by a 6 month commercial warranty, from the date of sale. Warranty conditions are detailed in the instruction manual.

DIAMOND BLADE **FOR CP512 & CP514**



Substrate / Material		BETON	SILENCIO	UNIVERSAL	NATURAL STONE	ALL MATERIALS
Recommended Product		**EXTREME BETON**	**EXTREME BETON SILENCIO**	**EXTREME UNIVERSAL TURBO**	**EXTREME GRANITE**	**PRO 4X4 EXPLORER**
CP512	Blade x Bore	300 x 20mm	300 x 20mm	300 x 20mm	300 x 20mm	300 x 20mm
	Item No.	70184647787	70184629000	70184611230	70184601173	70184602022
CP514	Blade x Bore	350 x 20mm	350 x 20mm	350 x 20mm	350 x 25,4mm	350 x 20mm
	Item No.	70184647789	70184647780	70184611427	70184601174	70184602091
Page reference		27	26	34	54	48

CE414 350



YouTube
CE414 350

- Powerful electric motor that delivers fast and effective cutting and the overload protection system increases the lifespan of the product. Because the machine is electric, there are no harmful emissions released during its operation.
- The motor is well protected by a robust aluminium housing.
- Smooth starting helps the operator keep the machine stable and under control.
- Suitable for wet and dry use.
- When attached to a dust extractor, the CE414 350 is ideal for indoor working.

CE414 350

Item No.	70184602671
Price (€)	###,##

Supply voltage/Power kW (Hp)	230V ~1 / 3,1kW (4,2 hp)
Max blade x bore	ø350mm x 20/25,4mm
Max cutting depth	127mm

RPM	3 600min^{-1}
Weight	10.2kg
Dimensions (mm)	730 x 286 x 282

4,2 hp 3,1kW



MACHINE STAND TO INCREASE SAFETY



ALUMINIUM MOTOR HOUSING



OVERLOAD PROTECTION



STABLE START

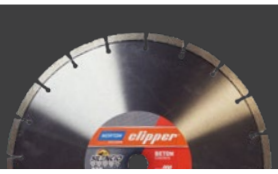


LONG LIFE AND LOW MAINTENANCE



OPTIONAL BLADE GUARD VACUUM SYSTEM

DIAMOND BLADE **FOR CE414**





Substrate / Material		BETON	UNIVERSAL
Recommended Product		**PRO BETON SILENCIO**	**PRO UNIVERSAL LASER**
CE414	Blade x Bore	350 x 25,4mm	350 x 25,4mm
	Item No.	70184603274	70184611209
Page reference		28	38

ACCESSORIES & SPARE PARTS

1



2



3



ACCESSORIES

DESCRIPTION	ITEM No.	PRICE (€)
1 - 10L pressure water tank (metal)	310464031	###,##
2 - 35L electric water tank	310464029	###,##
3 - 11L pressure water tank (plastic)	310521698	###,##
Wheels	510109845	###,##

SPARE PARTS

DESCRIPTION	ITEM No.	PRICE (€)
Air filter	510107009	###,##
Kit of 10 air filters	510107010	###,##
Belt	510106974	###,##
Carburetor repair kit (incl. instructions)	510112803	###,##
Starter rope	510129769	###,##
Return spring	510129754	###,##





Clipper's Tip

FOR MORE INFORMATION ON QUICK FIX SEE PAGE 48

NOTES

NORTON SAINT-GOBAIN

clipper®

DRILL MOTORS & DRILLING RIGS

The Norton Clipper drilling range is comprised of powerful and ergonomic handheld products, alongside rig mounted drill motors for drilling up to diameters of 400mm. Use with Norton Clipper core bits for optimal results.





HANDHELD

RIG MOUNTED

MINIMUM & MAXIMUM CORE DIAMETER	MINIMUM & MAXIMUM CORE DIAMETER	MINIMUM & MAXIMUM CORE DIAMETER	MINIMUM & MAXIMUM CORE DIAMETER
Ø15mm -160mm	Ø15mm -200mm	Ø25mm -250mm	Ø30mm -350mm
			
8,1kg	8,5kg	12,5kg	13,5kg
1800w	2000w	2500w	3300w
CDM 163	CDM 203	CDM 253	CDM 353



DRILL RIGS

	CDR 133	CDR 163	CDR 253	CDR 353	CDP300&350 ROBO	CDR353 + SPACER
MAXIMUM CORE DIAMETER	Ø130 mm	Ø160 mm	Ø250 mm	Ø350 mm	Ø354 mm	Ø400 mm
						
	8,9kg	9,6kg	13kg	23,4kg	55kg	23,9kg
	0-45º	0-45º	0-45º	0-45º	0-45º	0-45º

CDM 163

- Powerful 1800W motor delivers high performance in both handheld and rig-mounted drilling operators.
- 3-speed, oil-bath lubricated gearbox reduces the requirement for regular servicing and maintenance.
- Soft-start switch and mechanical clutch helps the operator stay in control of the drill at all times.
- 60mm ring on the body gives the potential for a wide range of drilling diameters.
- Overload protection keeps the electrical and mechanical parts of the drill in optimal condition for longer.
- Can be used on a drill stand.
- Each Norton Clipper CDM drilling motor benefits from an additional 12-month commercial warranty, to reach a total of 2-year warranty from the date of purchase.

2 YEAR WARRANTY



1,8kW | Ø 15-160mm | 8,1kg | ½"+1 ¼" | 3 speeds

PRODUCT DATA

Item No.	70184647807
Price (€)	###,##

Power	1800W
Volts	230V1~
Ø Range	15-160mm
RPM*	525/1150/2400

Dry	Yes**
Wet	Yes
Connection	½ + 1 ¼"
Weight	8,1kg

* RPM under load

** See our dust swivel on page 148

PRODUCT FEATURES



COMBINED SPINDLE.



3-SPEED GEARBOX.



DIFFERENTIAL SWITCH
230 V 16 A – 10 mA

DRILLING CORE BITS RECOMMENDED **FOR CDM 163**

Substrate / Material	UNIVERSAL	BETON	BETON
Recommended Product	**EXTREME CB UNIVERSAL**	**PRO CB BETON CROWNED**	**PRO CB BETON XT**
OD : Outer Diameter	32-152	16-51	52-132
Page reference	78	75	71

CDM 203

2 YEAR WARRANTY



- Powerful 2000W motor delivers high performance in both handheld and rig-mounted drilling operators.
- 3-speed, oil-bath lubricated gearbox reduces the requirement for regular servicing and maintenance.
- Soft-start switch and mechanical clutch helps the operator stay in control of the drill at all times.
- 60mm ring on the body gives the potential for a wide range of drilling diameters.
- Overload protection keeps the electrical and mechanical parts of the drill in optimal condition for longer.
- Can be used on a drill stand.
- Each Norton Clipper CDM drilling motor benefits from an additional 12-month commercial warranty, to reach a total of 2-year warranty from the date of purchase.

2kW | Ø 15-200mm | 8,5kg | ½"+1 ¼" | 3 speeds

PRODUCT DATA

Item No.	70184647808
Price (€)	###,##

Power	2000W
Volts	230V1~
Ø Range	15-200mm
RPM*	540/1050/2000

Dry	Yes
Wet	Yes
Connection	½ + 1 ¼"
Weight	8,5kg

* RPM under load

PRODUCT FEATURES


COMBINED SPINDLE.


3-SPEED GEARBOX.


DUAL WATER-INLET AND DUST-COLLECTOR CONNECTOR


DIFFERENTIAL SWITCH 230 V 16 A – 10 mA

DRILLING CORE BITS RECOMMENDED **FOR CDM 203**

Substrate / Material	UNIVERSAL	BETON	BETON	BETON
Recommended Product	**EXTREME CB UNIVERSAL**	**EXTREME CB BETON**	**PRO CB BETON CROWNED**	**PRO CB BETON XT**
OD : Outer Diameter	32-162	48-192	16-51	52-132
Page reference	78	70	71	71

CDM 253

- Powerful, professional standard 2500W motor delivers high performance rig-mounted drilling operators.
- Standard motor mounting fixture fits the majority of drilling rigs on the market.
- 3-speed, oil-bath lubricated gearbox reduces the requirement for regular servicing and maintenance.
- Soft-start switch and mechanical clutch helps the operator stay in control of the drill at all times.
- Overload protector with LED indicator, keeps the electrical and mechanical parts of the drill in optimal condition for longer.
- To be used in a drill stand.
- Each Norton Clipper CDM drilling motor benefits from an additional 12-month commercial warranty, to reach a total of 2-year warranty from the date of purchase.

2 YEAR WARRANTY



2,5kW | Ø 25-250mm | 12,5kg | 1 ¼" | 3 speeds

PRODUCT DATA

Item No.	70184647809
Price (€)	###,##

Power	2500W
Volts	230V1~
Ø Range	25-250mm
RPM*	310/600//840

Dry	No
Wet	Yes
Connection	1 ¼"
Weight	12,5kg

* RPM under load

PRODUCT FEATURES



EASY ACCESS TO MOTOR BRUSHES


3-SPEED GEARBOX.



FULL ALUMINIUM BODY FOR ENHANCED HEAT DISSIPATION


DIFFERENTIAL SWITCH 230 V 16 A – 10 mA

DRILLING CORE BITS RECOMMENDED **FOR CDM 253**

Substrate / Material	BETON	ASPHALT	GRANITE
Recommended Product	**EXTREME CB BETON**	**EXTREME CB ASPHALT**	**PRO CB GRANITE**
OD : Outer Diameter	48-250	45-187	48-250
Page reference	70	86	82

CDM 353



- Powerful, professional 3300W motor delivers high performance in rig-mounted drilling operators.
- Standard motor mounting fixture fits the majority of drilling rigs on the market.
- 3-speed, oil-bath lubricated gearbox reduces the requirement for regular servicing and maintenance.
- Soft-start switch and mechanical clutch helps the operator stay in control of the drill at all times.
- Overload protector with LED indicator, keeps the electrical and mechanical parts of the drill in optimal condition for longer.
- To be used in a drill stand.
- Each Norton Clipper CDM drilling motor benefits from an additional 12-month commercial warranty, to reach a total of 2-year warranty from the date of purchase.

3,3kW | Ø 30-350mm | 13,5kg | 1 ¼" | 3 speeds

PRODUCT DATA

Item No.	70184647810
Price (€)	###,##

Power	3300W
Volts	230V1~
Ø Range	30-350mm
RPM*	192/390/570

* RPM under load

Dry	No
Wet	Yes
Connection	1 ¼"
Weight	13,5kg

PRODUCT FEATURES



EASY ACCESS TO MOTOR BRUSHES



3-SPEED GEARBOX.



FULL ALUMINIUM BODY FOR ENHANCED HEAT DISSIPATION



DIFFERENTIAL SWITCH
230 V 16 A – 10 mA

DRILLING CORE BITS RECOMMENDED **FOR CDM 353**

Substrate / Material	BETON	ASPHALT	GRANITE
Recommended Product	**EXTREME CB BETON**	**EXTREME CB ASPHALT**	**PRO CB GRANITE**
OD : Outer Diameter	48-350	45-350	48-250
Page reference	70	86	82

CDR 133/163

Aluminium drill stand combining rigidity, precision and ease of use. Accurate and smooth drilling guide of four high performance nylon rolls. Easily accessible guiding wheels for wear compensation adjustment.

- Made from a lightweight yet durable aluminium column.
- Left or right mounted, multi-purpose drive lever that is ideal for use in confined spaces and can be used for levelling and locking screws.
- Spirit level and roll guided carriage ensure accuracy throughout.
- Ring mounting motor collar for quick and easy mounting without the need for additional tools.
- Pre-mounted rig allows the operator to use the equipment straight from the box.



Ø 130 / 160mm	8,9-9,6kg	600mm	0 - 45°

CDR 133

Item No.	310468576
Price (€)	###,##

CDR 163

Item No.	310468577
Price (€)	###,##

PRODUCT DATA CDR 133

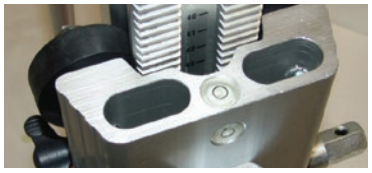
Diam. Max	130mm
Hub	600mm
Column	Aluminium
Column section	45 x 60mm
Base	Dowel + vaccum
Base dimensions	230 x 380mm
Height	910mm
Weight	8,9kg
Bit guide	No
Motor mounting plate	Ring 60mm
Carriage	Aluminium
Carriage Guiding system	Rolls
Carriage handle	Yes
Carriage travel	1:1
Braces	No
Tilting	0-45°
Spirit level	No
Transport wheels	No

PRODUCT DATA CDR 163

Diam. Max	160mm
Hub	600mm
Column	Aluminium
Column section	45 x 60mm
Base	Dowel + vaccum
Base dimensions	280 x 460mm
Height	850mm
Weight	9,6kg
Bit guide	No
Motor mounting plate	Ring 60mm
Carriage	Aluminium
Carriage Guiding system	Rolls
Carriage handle	Yes
Carriage travel	1:1
Braces	Yes
Tilting	0-45°
Spirit level	No
Transport wheels	No

PRODUCT FEATURES


ALUMINIUM COLUMN.


SPIRIT LEVEL.


CARRIAGE GUIDING SYSTEM BY ROLLS.

CDR 253/353



Aluminium drill stand combining rigidity, precision and ease of use. Accurate and smooth drilling guide of four high performance nylon rolls. Easily accessible guiding wheels for wear compensation adjustment.

- Made from a lightweight yet sturdy aluminium column, which is built to last.
- Roll-guided carriage for a high degree of accuracy in drill guiding.
- Multi-purpose drive lever which can be used for levelling and locking screws.
- Standard motor mounting fixture fits to most drilling motors on the market.
- Pre-mounted rig allows the operator to use the equipment straight from the box.

Ø 250 / 400mm	13-23,9kg	600-690mm	0 - 45°

	CDR 253	CDR 353	CDR 353 + SPACER
Item No.	310468578	310468581	310468581 + 310472133
Price (€)	###,##	###,##	###,##
Diam. Max	250mm	350mm	400mm
Hub	600mm	690mm	690mm
Column	Aluminium	Aluminium	Aluminium
Column section	50 x 60mm	70 x 70mm	70 x 70mm
Base	Dowel + vaccum	Dowel + vaccum	Dowel + vaccum
Base dimensions	350 x 540mm	370 x 550mm	370 x 550mm
Bit guide	No	Yes	Yes
Motor mounting plate	Plate included	Plate included	Plate included
Carriage	Aluminium	Aluminium	Aluminium
Carriage Guiding system	Rolls	Rolls	Rolls
Carriage handle	Yes	Yes	Yes
Carriage travel	01:01	1:1 + 2:1	1:1 + 2:1
Braces	Yes	Yes	Yes
Tilting	0-45°	0-45°	0-45°
Spirit level	Yes	Yes	Yes
Transport wheels	Yes	Yes	Yes
Height	970mm	1080mm	1080mm
Weight	13kg	23,4kg	23,9kg

PRODUCT FEATURES



SIMPLE LEVEL ADJUSTMENT WITH 4 SCREWS ON BASE.



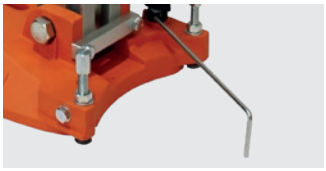
2 DIFFERENT REPORT/RATIO ON THE CDR353 CARRIAGE FOR AN EASY HANDLE.



TRANSPORT WHEELS.



LEFT AND RIGHT MOUNTING DRIVE LEVER.



METALLIC RIGID POINTER (CDR353).

DRILL & RIG KITS

KIT INCLUDES:

- Drill stand.
- Drill motor.
- Dowel base.
- PRCD.
- Tools and fixing screws (without dowel or corebit).



Rig	Motor	Power	Max ø (mm)	RPM	Weight	Item No.	Price (€)
CDR 133	CDM 163	1800W	130	540/1200/2280	16,9kg	70184694704	###,##
CDR 163	CDM 203	2000W	200	240/1200/2280	18,1kg	70184694705	###,##
CDR 253	CDM 253	2500W	250	300/600/840	28,5kg	70184694306	###,##
CDR 353	CDM 353	3300W	350	192/390/570	39,9kg	70184694307	###,##
CDR 353 + SPACER	CDM 353	3300W	400	192/390/570	40,4kg	70184694308	###,##



CDP ROBO 300 & 350

Norton Clipper ROBO 300 & 350 are our compact and lightweight petrol drilling machines that enable you to work with drills featuring 1 ¼" connection or 3 holes.

Both ROBO 300 & 350 sets include motor, motor frame, exhaust fumes hose (petrol motor), fixing strap and stake, 10L water tank and tools.

- High stroke allowing the use of drills with 1 ¼" connection or 3 holes.
- Continuous column angle setting up to 45° offering multiple potential positions.
- Heavy duty frame provides stability even when working in a trench.
- Compact and lightweight so that the product can be used in areas where space is limited.

*Available in electric version with drill motor CDM 353 (see page 147)

	CDP ROBO 300	CDP ROBO 350	CDP ROBO 350 ELECTRIC*
Item No.	70184601368	70184601369	70184601371
Price (€)	###,##	###,##	###,##
Motor	2 stroke 2,3kW	2 stroke 2,3kW	CDM 353 3,3kW
Hub	500mm	500mm	500mm
Diameter Range	100 - 300mm	100 - 354mm	30 - 354mm
RPM min	400	400	215/450/660
Weight	53kg	55kg	55kg

PRODUCT FEATURES



EASY TO USE FIXING STRAP TO DRILL EVERYWHERE ON THE PIPE.



CUT AT 45°.



FOR USING IN TRENCH AND CONFINED SPACE ENVIRONMENTS.



Clipper's Tip

FOR OPTIMAL RESULTS, USE **PRO CB BETON ROBO SOFT** (PAGE 74)

CONNECTION: 3-HOLE FLANGE



ACCESSORIES

DRILL RIGS

ACCESSORIES	ITEM No.	PRICE (€)
1 - Vacuum pump Vp 136	310469674	###,##
2 - Differential switch 30 mA (PRCD)	310005608	###,##
3 - Submerged water pump	310006044	###,##
4 - Quick release anchor set (CDR253/353/403)	310003976	###,##
4 - Quick release anchor set (CDR133/163)	310389142	###,##
5 - Bronze ring	310004317	###,##
6 - Dowel installation tool	310387451	###,##
7 - Rawl dowel (25 p)	310006879	###,##
8 - Telescopic brace (Lmin = 1,80m; Lmax = 2,90m)	310469673	###,##
9 - Fixing dowel M12 (10p)	310004562	###,##
10 - Tie-bar anchor rod for rawl dowel	310006977	###,##
11 - Drifter	310007056	###,##
12 - Drill SDS 15mm	310005211	###,##
13 - 10L pressure water tank (metal)	310464031	###,##
14 - 11L pressure water tank (plastic)	310521698	###,##
15 - Water tank 35L with electrical pump	310464029	###,##
16 - Centering device 120mm	310007049	###,##
16 - Centering device for CDM163/203 - core bit length of 300mm	310387448	###,##
16 - Centering device for CDM163/203 - core bit length of 450mm	310387449	###,##

WATER COLLECTING RINGS		PRICE (€)
17 - Water/dust collector diam 10 - 85mm	310494440	###,##
17 - water/dust collector diam 90 - 175mm	310494441	###,##

WATER COLLECTING RINGS	ITEM No.	PRICE (€)
18 - Water collector CDR133/163 max diam. 130mm	310470303	###,##
18 - Water collector CDR163/253 max diam. 180mm	310477208	###,##
18 - Water collector CDR353 max diam. 300mm	310470304	###,##

SPARE SEALS		PRICE (€)
19 - CDR133/163 diam. 130mm	310477210	###,##
19 - CDR163/253 diam. 180mm	310477211	###,##
19 - CDR353 diam. 300mm	310477212	###,##

VACUUM BASE		PRICE (€)
20 - CDR133	310474123	###,##
20 - CDR163	310470435	###,##
20 - CDR253	310474124	###,##
20 - CDR353	310474125	###,##

SPACER AND MOUNTING RINGS		PRICE (€)
21 - Spacer plate for CDR353 to increase capacity from d350 to d400mm	310472133	###,##
22 - Ring 60mm for mounting handheld motors on rig	310388827	###,##

ACCESSORIES

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16

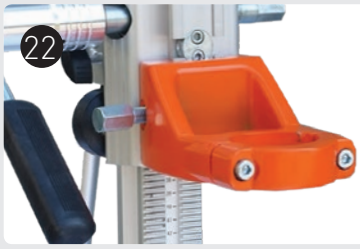

17


18


19


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ACCESSORIES

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6 

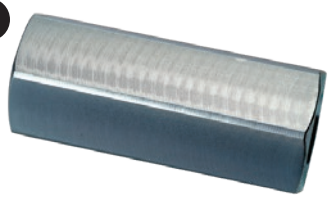
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8 

CDP ROBO

ACCESSORIES	ITEM No.	PRICE (€)
1 - 10L pressure water tank (metal)	310464031	###,##
2 - Exhaust pipe (length : 3m 30)	510136894	###,##
3 - Fixing stakes (x2)	510136997	###,##
4 - Tool kit	310391934	###,##
5 - Fixing strap	510136998	###,##
6 - Water tank 35L	310464029	###,##
7 - 11L pressure water tank (plastic)	310521698	###,##
8 - Foot plates with rolls	310508732	###,##

ACCESSORIES

1


2


3


4


5


6


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9


10


ADAPTORS

ACCESSORIES	ITEM No.	PRICE (€)
1 - 1 ¼" UNC Female x R ½" Fem	310004570	###,##
2 - 1 ¼" UNC Male x R ½" Male	310004558	###,##
3 - 1 ¼" UNC Male x Hilti DDBU	310006712	###,##
4 - R ½" Fem x Hilti DDBI	310007181	###,##
5 - R ½" Male x R ½" Male	310012389	###,##
6 - SDS Male x R ½" Male	310012391	###,##
7 - 3 holes flange x 1 ¼" UNC Fem	310004594	###,##
8 - 3 holes flange x 1 ¼" UNC Male	310004595	###,##

EXTENSIONS

ACCESSORIES	LENGTH	ITEM No.	PRICE (€)
9 - 1 ¼" UNC Fem x 1 ¼" UNC Male	100mm	310004577	###,##
9 - 1 ¼" UNC Fem x 1 ¼" UNC Male	200mm	310004571	###,##
9 - 1 ¼" UNC Fem x 1 ¼" UNC Male	300mm	310004574	###,##
9 - 1 ¼" UNC Fem x 1 ¼" UNC Male	500mm	310004575	###,##
9 - R ½" Fem x R ½" Male	100mm	310004610*	###,##
10 - R ½" Fem x R ½" Male	200mm	310004578	###,##
10 - R ½" Fem x R ½" Male	300mm	310004572	###,##
10 - R ½" Fem x R ½" Male	500mm	310004576	###,##

* Available on request

ACCESSORIES

1


2


3


4


5


6


7


8


9


10


11


12


13


DRILL RIGS CONNECTORS

ACCESSORIES	ITEM No.	PRICE (€)
1 - Dust swivel ½" Male-Female	310389028	###,##
2 - 150mm Extension	310011352	###,##
3 - 250mm Extension	310011353	###,##
4 - Hex Adaptor Pack	310011356	###,##
5 - SDS Adaptor Pack	310011357	###,##
6 - HEX Adaptor	310011349	###,##
7 - SDS Adaptor	310011354	###,##
7 - 10mm A Taper Masonry Drill	310011347	###,##
8 - Ejector Drift	310011351	###,##

M16 DRILLING

ACCESSORIES	ITEM No.	PRICE (€)
9 - Pilot drill Ø6mm	310003973	###,##
10 - Connector-Hex M16 for tapered pilot drill Ø6mm	310003974	###,##
11 - M16 Male x R½" Male	310006030	###,##
12 - Connector SDS M16 for tapered pilot drill Ø6mm	310005899	###,##
13 - SDS connector with screw M16 for Ø6mm drill	310005898	###,##

CONNECTIONS

WET HANDHELD DRILLING WITH COREBIT 1"¼ UNC FEMALE



1 ¼" UNC Male



Bronze ring
(3100 04317)



½" BSP Female



1 ¼" Male x 1 ¼" UNC Male
(3100 04558)



Bronze ring
(3100 04317)



HILTI DDBU
Female



HILTI DDBU Male ¼" UNC Male
(3100 06712)



Bronze ring
(3100 04317)



Classic CB Beton soft - 1 ¼" UNC Female



Pro CB Granite - 1 ¼" UNC Female



Pro CB Beton - 1 ¼" UNC Female

WET HANDHELD DRILLING WITH COREBIT R½ BSP MALE



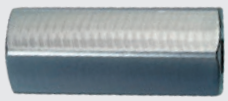
½" BSP Female



1 ¼" UNC Male



Bronze ring
(3100 04317)



1 ¼" UNC Female x R½ Female
(3100 04570)



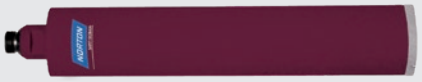
HILTI DDBI
Female



HILTI DDBI Male R ½
Female (3100 07181)



Pro CB Beton XT - R ½ BSP Male



Pro CB Beton Crown - R ½ BSP Male

CONNECTIONS

DRY HANDHELD DRILLING WITH COREBIT R¼ BSP FEMALE



DRY HANDHELD DRILLING M16 FEMALE

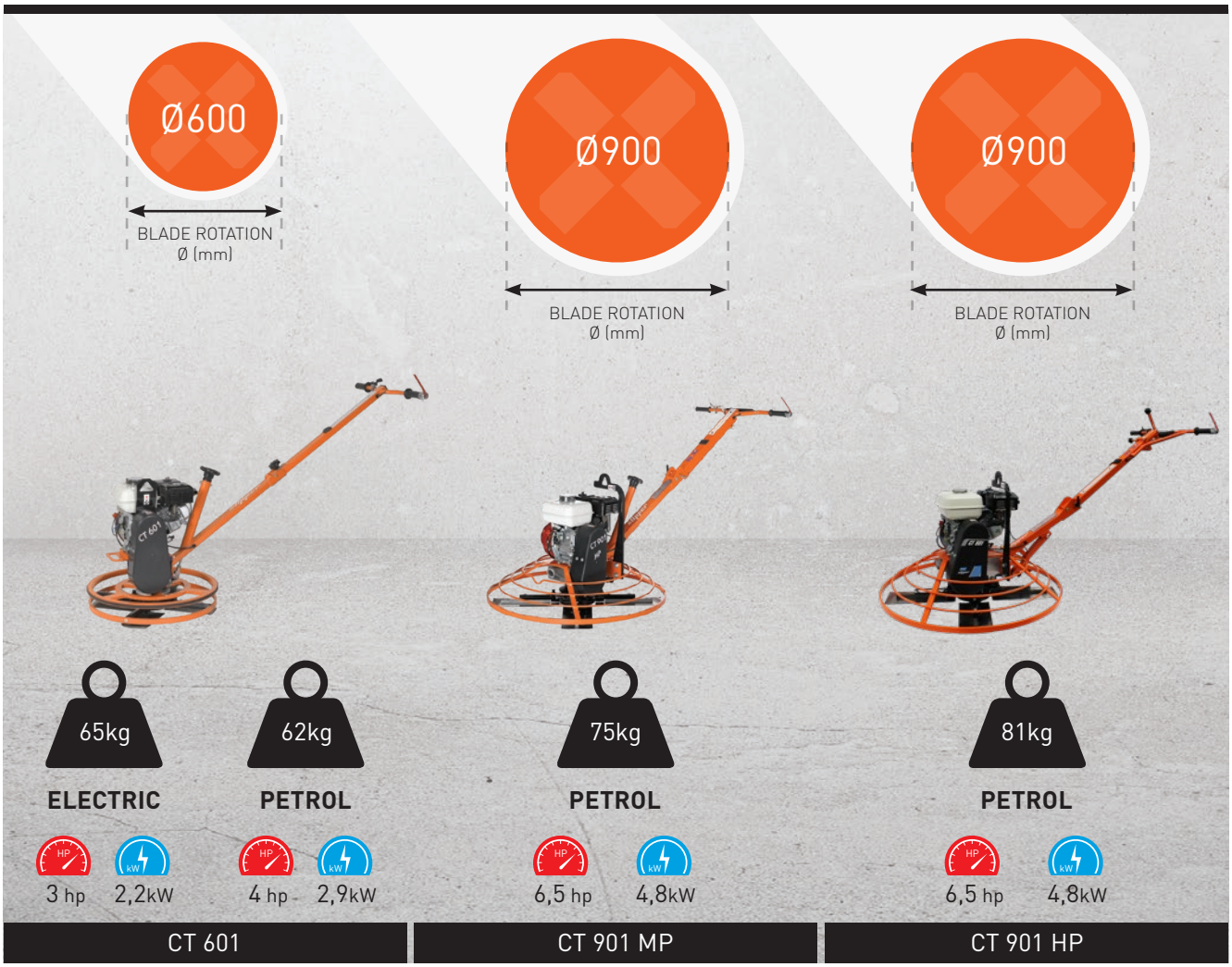


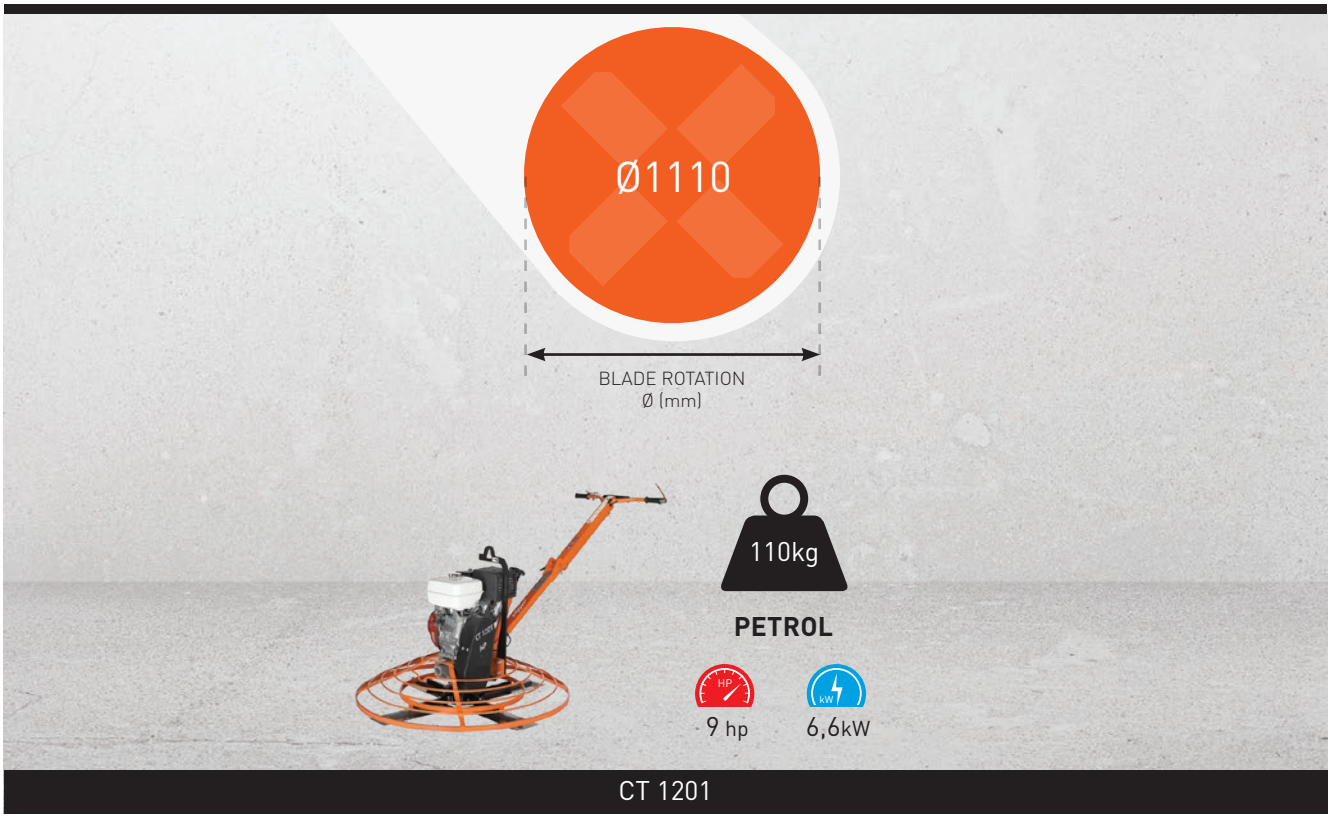
NORTON SAINT-GOBAIN clipper®

POWER FLOATS

The Norton Clipper Power float range is made of machines with blade diameters of 600 to 1110mm. Power floats are the ideal tool for finishing small to large areas of concrete screed.




Ø600
BLADE ROTATION
Ø (mm)
Ø900
BLADE ROTATION
Ø (mm)
Ø900
BLADE ROTATION
Ø (mm)
65kg
ELECTRIC
3 hp
2,2kW
62kg
PETROL
4 hp
2,9kW
75kg
PETROL
6,5 hp
4,8kW
81kg
PETROL
6,5 hp
4,8kW
CT 601
CT 901 MP
CT 901 HP


Ø1110
BLADE ROTATION
Ø (mm)
110kg
PETROL
9 hp
6,6kW
CT 1201

CT601



- Mechanical blade pitch control ensures accuracy and helps deliver the perfect surface finish.
- Operator safety is assured by the aluminium guard rings and dead man's handle.

CT601 MP

Item No.	70184629945
Price (€)	###,##

4 hp | 2,9kW | PETROL

Included tools	Finishing blades and pan
Power Source	Petrol
Power	2,9kW (4 hp)
Motor Type	HONDA GX 120
Supply Voltage	-
Fuse / Generator	-
Blade rotation diameter (clockwise)	600mm
Guard ring diameter	620mm
Distance to wall	10mm
Pitch control	Mechanical
Hand Arm Vibrations	< 2,5 m/s²
Sound power / pressure level	93dB(A) / 81dB(A)
Dimensions (LxWxH)	1560 x 650 x 1060mm
Weight (without pans)	62kg

See CT601 accessories on CT600 UNO page

CT601 ME

Item No.	70184629946
Price (€)	###,##

3 hp | 2,2kW | 230V

Included tools	Finishing blades and pan
Power Source	Electric
Power	2,2kW (3 hp)
Motor Type	-
Supply Voltage	230V 1~
Fuse / Generator	16A / 6kVA
Blade rotation diameter (clockwise)	600mm
Guard ring diameter	620mm
Distance to wall	10mm
Pitch control	Mechanical
Hand Arm Vibrations	< 2,5 m/s²
Sound power / pressure level	91dB(A) / 79dB(A)
Dimensions (LxWxH)	1560 x 650 x 1060mm
Weight (without pans)	65kg

PRODUCT FEATURES


LIFTING HOOK


BLADE SAFETY GUARD


FOLDABLE MACHINE ARM


DISTANCE TO WALL: 10mm

CT901 MP

- Welded heavy steel frame makes the CT901 capable of withstanding the rigours of regular use.
- Mechanical blade pitch control ensures accuracy and helps deliver the perfect surface finish.
- Dead man's handle and safety guard rings ensure user safety, whilst providing the operator with good visibility of the blades at all times.



PRODUCT DATA

Item No.	70184629948
Price (€)	###,##

6,5 hp | 4,8kW | PETROL

Included tools	Finishing blades
Power Source	Petrol
Power	4,8kW (6,5 hp)
Motor Type	HONDA GX200
Supply Voltage	-
Fuse / Generator	-
Blade rotation ø (clockwise)	900mm

Guard ring diameter	950mm
Distance to wall	25mm
Pitch control	Mechanical
Hand Arm Vibrations	< 2,5 m/s²
Sound power / pressure level	94dB(A)/85dB(A)
Dimensions (LxWxH)	1980 x 950 x 1060mm
Weight (without pans)	75kg

PRODUCT FEATURES


HANDLING OF THE MACHINE

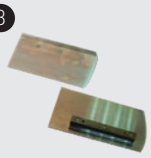

ADJUSTABLE AND FOLDABLE


BLADES SAFETY GUARD RINGS

ACCESSORIES CT901


1


2


3


4


5


6


7

	DIMENSIONS L x L (mm)	FIXING THREAD	SPACING	ITEM No.	PRICE (€)
1 - Floating plate / pan	Ø900	Mechanical stop	-	310004546	###,##
2 - Floating blades (set of 4)	355 x 250	Clamp	-	310403131	###,##
3 - Finishing blades (set of 4)	355 x 150	M8	122	310403132	###,##
4 - Combination blades (set of 4)	330 x 200	M8	127	310004541	###,##
5 - Finishing blades with moving nut (set of 4)	330 x 150	M8	82-160	310004564	###,##
6 - Combination blades with moving nut (set of 4)	330 x 200	M8	82-160	310004565	###,##
7 - Feet skates (set of 2)	-	-	-	310004551	###,##

CT901 HP



- Heavy duty jig welded steel frame provides the machine with robustness and high reliability.
- Dead man handle helps to ensure user safety.
- Blade safety guard rings protect the user from accidental injury whilst maintaining good visibility.
- Hydraulically blades pitch control helps the operator achieve a perfect surface finish.
- Foldable and height adjustable arm enables easy transport and storage of the machine.

PRODUCT DATA

Item No.	70184602675
Price (€)	###,##

6,5 hp | 4,8kW | PETROL

Included tools	Finishing blades
Power Source	Petrol
Power	4,8kW (6,5 hp)
Motor Type	HONDA GX200
Supply Voltage	-
Fuse / Generator	-
Blade rotation ø (clockwise)	900mm

Guard ring diameter	950mm
Distance to wall	25mm
Pitch control	Hydraulic
Hand Arm Vibrations	< 2,5 m/s²
Sound power / pressure level	94dB(A)/85dB(A)
Dimensions (LxWxH)	1980 x 950 x 1060mm
Weight (without pans)	81kg

PRODUCT FEATURES



ROBUST AND RELIABLE



DEAD MAN HANDLE



SAFETY GUARD RINGS



HYDRAULIC BLADES PITCH CONTROL



FOLDABLE AND HEIGHT ADJUSTABLE ARM

ACCESSORIES CT901 HP



	DIMENSIONS L x L (mm)	FIXING THREAD	SPACING	ITEM No.	PRICE (€)
1 - Floating plate / pan	Ø900	Mechanical stop	-	310004546	###,##
2 - Floating blades (set of 4)	355 x 250	Clamp	-	310403131	###,##
3 - Finishing blades (set of 4)	355 x 150	M8	122	310403132	###,##
4 - Combination blades (set of 4)	330 x 200	M8	127	310004541	###,##
5 - Finishing blades with moving nut (set of 4)	330 x 150	M8	82-160	310004564	###,##
6 - Combination blades with moving nut (set of 4)	330 x 200	M8	82-160	310004565	###,##
7 - Feet skates (set of 2)	-	-	-	310004551	###,##

CT1201

- Welded heavy steel frame makes the CT1201 capable of withstanding the rigours of regular use.
- Mechanical blade pitch control ensures accuracy and helps deliver the perfect surface finish.
- Dead man's handle and safety guard rings ensure user safety, whilst providing the operator with good visibility of the blades at all times.



PRODUCT DATA

Item No.	70184629953
Price (€)	###,##

9 hp | 6,6kW | PETROL

Included tools	Finishing blades
Power Source	Petrol
Power	6,6kW (9 hp)
Motor Type	HONDA GX 270
Blade rotation ø (clockwise)	1110mm
Guard ring diameter	1190mm

Distance to wall	40mm
Pitch control	Mechanical
Hand Arm Vibrations	< 2,5 m/s²
Sound power / pressure level	96dB(A) / 87dB(A)
Dimensions (LxWxH)	2120 x 1190 x 1025mm
Weight (without pans)	110kg

PRODUCT FEATURES

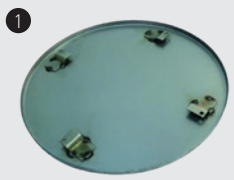

DEAD MAN'S HANDLE


REMOVABLE LIFTING EYE

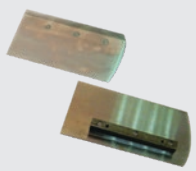

HANDLING OF THE MACHINE


ADJUSTABLE & FOLDABLE MACHINE ARM

ACCESSORIES CT1201











	DIMENSIONS L x L (mm)	FIXING THREAD	SPACING	ITEM No.	PRICE (€)
1 - Floating plate / pan	Ø1200	Mechanical stop	-	310369499	###,##
2 - Floating blades (set of 4)	460 x 255	Clamp	-	310369497	###,##
3 - Finishing blades (set of 4)	455 x 152	M8	158	310369485	###,##
4 - Combination blades (set of 4)	450 x 200	M8	158	310369496	###,##
5 - Feet skates (set of 2)	-	-	-	310004551	###,##

NORTON SAINT-GOBAIN

clipper®

WALL CHASERS, GRINDING MACHINES & DUST EXTRACTION



SC181

Ideal for electricians and plumbers, the SC181 is a powerful and smart wall chaser.

Fitted with two diamond wheels driven by a 1,8 kW motor, 5 to 45mm wide slots can be drawn in one operation, at cutting depth from 30 to 60mm.

Delivered in a strong metal box, the machine ergonomics were at the heart of the design to lower vibrations and ease the operation.

SC181 can be used with a dust extractor (CV324 or CV360).



Ø180 mm

PRODUCT DATA

Item No.	70184646041
Price (€)	###,##

1,8kW 230v

Supply Voltage	230V 1~
Power	1,8kW
Fuse / Generator	16A / 3kVA
Blade x bore	Ø 180 x 30mm
Cutting width	5 to 45 by 5mm
Cutting depth	30 - 40 - 50 - 60mm
Tool speed RPM	4900 min^{-1}
Hand Arm Vibrations	4,1m/s^2
Sound power / pressure level	110 dB(A) / 97 dB(A)
Dimensions (LxWxH)	320 x 340 x 300mm
Box size (LxWxH)	347 x 355 x 295mm
Weight	6,5kg

DIAMOND BLADES **FOR SC181**



Substrate / Material	UNIVERSAL
Recommended Product	**PRO UNI LASER**
Blade x Bore	180 x 30mm
Item No.	70184625564
Page reference	38

SC401

SC401 is a 400mm electric portable cutter, with high flexibility thanks to its 3,0kW powerful motor and deep cutting depth.

It is suitable for a large variety of materials including bricks, masonry blocks, paviours, slabs, porous concrete, concrete, and natural or artificial stone.

SC401 features a water connection for wet cutting.



Ø400 mm

PRODUCT DATA

Item No.	70184630120
Price (€)	###,##

3kW 230v

Supply Voltage	230V 1~
Power	3kW
Blade x bore	Ø 400 x 25,4mm
Max. cutting depth	158mm
Tool speed RPM	2500 min^{-1}
Weight	11kg

DIAMOND BLADES **FOR SC401**



Substrate / Material	BETON
Recommended Product	**EXTREME BETON**
Blade x Bore	400 x 25,4mm
Item No.	70184693354
Page reference	27



CG125

Single-head handheld grinding machine with a grinding width of 125mm.

WORKING AREAS:
Surface preparation along floor edges and small surfaces (balconies, garages, cellars): floor levelling, preparation before coating, removal of coating defects or adhesives.

Ø125 mm

PRODUCT DATA

Item No.	70184628733
Price (€)	###,##



HOSE CONNECTOR FOR VACUUM CLEANER

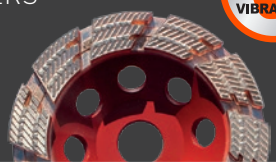
Supply voltage	230V 1~
Power	1,8kW
Disc diameter	125mm
Tool speed (under load)	10 000 min^{-1}
Tool connection	22,23mm
Vacuum hose connector	36mm
Hand Arm Vibrations	< 2,5 m/s^2
Weight	5,9kg

kW 1,8kW

Volts 230V

CUP GRINDERS FOR CG125

LOW VIBRATION



Substrate / Material	UNIVERSAL
Recommended Product	**EXTREME CG COMFORT**
Blade x Bore	125 x 22,23mm
Item No.	70184602648
Page reference	44



CG180

Single-head hand held machines with a grinding width of 125mm or 180mm for small surfaces.

APPLICATIONS:

- Grinding, smoothing and preparing surfaces.
- Removing screed seams, residual mud, plaster and coatings.
- Concrete, tile adhesive, natural stone, plaster, paint, coatings and adhesive.

Ø180 mm

PRODUCT DATA

Item No.	70184601171
Price (€)	###,##



HOSE CONNECTOR FOR VACUUM CLEANER

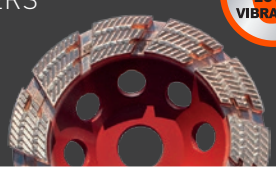
Supply voltage	230V 1~
Power	2,5kW
Disc diameter	180mm
Tool speed (under load)	9500 min^{-1}
Tool connection	22,23mm
Vacuum hose connector	36mm
Hand Arm Vibrations	< 2,5 m/s^2
Weight	8,4 kg

kW 2,5kW

Volts 230V

CUP GRINDERS FOR CG180

LOW VIBRATION



Substrate / Material	UNIVERSAL
Recommended Product	**EXTREME CG COMFORT**
Blade x Bore	180 x 22,23mm
Item No.	70184607657
Page reference	44

CG252

- Orientable grinding head that is able to reach and grind the edges of walls easily.
- 250mm working width, which makes it perfect for working with small to medium sized floors.
- The machine is light and compact, which makes it easy to transport and carry upstairs should there be a requirement.



PRODUCT DATA

Item No.	70184694290
Price (€)	###,##

3 hp | 2,2kW | 230V

Power / Supply Voltage	2,2kW (3 hp) / 230V 1~
Fuse / Generator	16A / 6 kVA
Working width	250mm
Tool speed RPM	1410 min^{-1}

Vacuum connector	45mm
Hand Arm Vibrations	< 2,5 m/s^2
Dimensions (LxWxH)	1180 x 520 x 1150mm
Weight	60kg

FEATURES & BENEFITS

- Orientable grinding head that is able to reach and grind the edges of walls easily.
- 250mm working width, which makes it perfect for working with small to medium sized floors.
- The machine is light and compact, which makes it easy to transport and carry upstairs should there be a requirement.

PRODUCT FEATURES

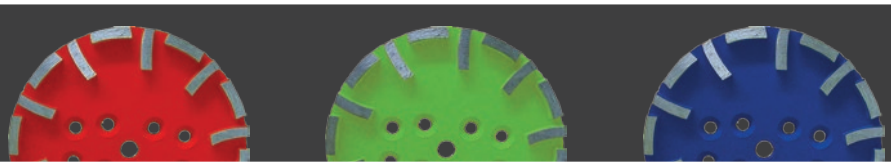


THE GRINDING HEAD CAN BE ORIENTED AT 90° & THE FRONT OF THE GUARD REMOVED.



FOLDABLE ARM FOR TRANSPORT

GRINDING HEAD RECOMMENDATIONS



Grinding Head Colour	RED	GREEN	BLUE
Substrate / Material	BETON	BETON	BETON
Diameter	250mm	250mm	250mm
Floor Type	HARD	MEDIUM	SOFT
Item No.	70184627118	70184627117	70184627116
Page reference	171	171	171

STEP 1 - CLEANING/SCARIFYING

WITH TUNGSTEN CARBIDE MULTI-FLAILE GRINDER HEAD

PLATE PCD CG 252 RESINS

- For removal of paints, resins, elastic glues, and other flexible materials.
- PolyCrystalline Diamond (PCD) plate designed for the fast removal of glue, epoxy, resins & paint.

DESCRIPTION	NAME	PCD ELEMENTS	ITEM No.	PRICE (€)
PolyCrystalline Diamond	PCD CG 252	12pcs	70184603278	###,##



STEP 2 - GRINDING

WITH DIAMOND PLATES

THE GRD252 S GRINDING PLATES

- The GRD252 S grinding plates are designed for 250mm grinding machines.
- Compatible machines 12 segments fitted on a 4-hole 250mm plate.

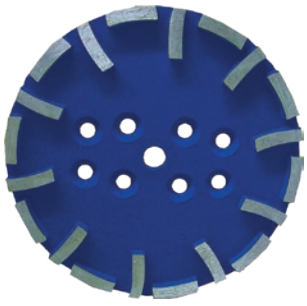
DESCRIPTION	NAME	SEGMENTS QTY X W / H / L (mm)	ITEM No.	PRICE (€)
Hard bond segments for soft floors	GRD252 S SOFT Blue	12x 10/10/40	70184629625	###,##
Medium bond segments for universal floors	GRD252 S MEDIUM Green	12x 10/10/40	70184627119	###,##
Soft bond segments for hard floors	GRD252 S HARD Red	12x 10/10/40	70184629626	###,##



THE GDR252 GRINDING PLATES

- The GDR252 grinding plates are designed for heavy, in-depth grinding.
- 20 segments fitted on a 8-hole 250mm plate.

DESCRIPTION	NAME	SEGMENTS QTY X W / H / L (mm)	ITEM No.	PRICE (€)
Hard bond segments for soft floors	GRD252 SOFT Blue	25x 10/10/40	70184627116	###,##
Medium bond segments for universal floors	GRD252 MEDIUM Green	25x 10/10/40	70184627117	###,##
Soft bond segments for hard floors	GRD252 HARD Red	25x 10/10/40	70184627118	###,##



GRINDER SEGMENTS







- Medium bond for medium-hard floors.
- Available in grit sizes from 18 to 150 for different quality finishes.

DESCRIPTION	GRIT SIZE	NAME	SET	SEGMENTS QTY X H / T / L (mm)	ITEM No.	PRICE (€)
Grinding of coatings and thin layers	18/20	FGW Universal silver	4pcs	1x 10/10/65	70184601132*	###,##
Creating adherence and grinding of top floors	30/40	FGW Universal grey	4pcs	1x 10/10/65	70184601133*	###,##
Creating adherence for water-based paints and grinding of top floors	60/80	FGW Universal brown	4pcs	1x 10/10/65	70184601134*	###,##

* Available on request

DUST EXTRACTORS

Our range of multi-purpose dust extractors covers most of the professional's need on the jobsite (inside or outside worksites). They can be used for extracting dust and water, but also for vacuum-cleaning after work.

- **CV402** is best fitted for all dry and wet drilling applications.
- **CV360** are industrial dust extractors best suited for use with Norton Clipper floor grinding machines and CS451 ET floor saw.



CV402

CV402

Item No.	00310436601
Price (€)	###,##

2,0kW 230V DRY WET

Application	Drilling
Supply Voltage	230V 1~
Power	2,0kW (2 motors)
Fuse / Generator	16A / 8kVA
Filter	3µ
Cleaning	Paper bag
Airflow	380 m^3/h
Vacuum suction	200 mbar
Tank material	PP
Tank capacity	60 L
Noise level	78 db(A)
Dimensions (LxWxH)	600 x 540 x 950mm
Weight	21kg
Filtration Class	L
Filter bags	Paper (5pcs) - 310387496
	Cotton (5pcs) - 310387497

PRODUCT FEATURES



REMOVABLE FILTER



PAPER FILTER BAG (CV402)

DUST EXTRACTORS



CV360

CV360

Item No.	00310485878
Price (€)	###,##

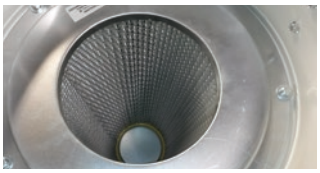
2,3kW 230V DRY

Application	Floor grinding
Supply Voltage	230V 1~
Power	2,3kW (2 motors)
Fuse / Generator	16A / 8kVA
Filter	1µ
Cleaning	Manual with shaker
Airflow	360 m^3/h
Vacuum suction	250 mbar
Tank material	Steel
Tank capacity	20 L
Noise level	74 db(A)
Dimensions (LxWxH)	500 x 560 x 1000mm
Weight	31kg
Filtration Class	M

PRODUCT FEATURES



TWO BY-PASS MOTORS OPERATED BY INDEPENDENT SWITCHES



HIGH SURFACE CONICAL FILTER CARTRIDGE

NOTES

CUTTING DISCS & GRINDING WHEELS

The Norton Clipper range of cutting discs and grinding wheels for portable and fixed machines provide outstanding performance on many building and construction materials.



6IN1 MULTI-PURPOSE

TYPE 27

Cut, grind and polish ALL materials with one single product. No wheel changes are needed when working with different applications and materials. Wheels dedicated for cordless machines have been developed to give minimal resistance when in use. The free cutting action absorbs less energy from the battery.

CORDLESS

TYPE	DIA Ø (mm)	TxB (mm)	SPECIFICATION	PK QTY	ITEM No.	PRICE (€)
27	115	2,2x22,23	C46P-BF27	25	66253371533	###,##
	125	2,2x22,23	C46P-BF27	25	66253371534	###,##



6IN1 MULTI-PURPOSE

TYPE 41

The Multi-Purpose cutting disc produces less dust, less noise and a precise, straight cut on all materials including metal-inox, stone, aluminium, PVC, ceramics and tiles. One product for all installation jobs.

CORDLESS

TYPE	DIA Ø (mm)	TxB (mm)	SPECIFICATION	PK QTY	ITEM No.	PRICE (€)
41	115	1,0x22,23	C60T-BF41	25	66253371455	###,##
		1,6x22,23	C46T-BF41	25	66253371456*	###,##
	125	1,0x22,23	C60T-BF41	25	66253371501	###,##
		1,6x22,23	C46T-BF41	25	66253371502	###,##
	180	1,6x22,23	C46T-BF41	25	66253371503	###,##
	230	1,9x22,23	C46T-BF41	25	66253371504	###,##

* Made to order



123 - METAL-INOX

TYPE 27

Cutting, light grinding & polishing with one single product. No wheel changes are needed when working with different applications. Provides an excellent & uniform finish for metal-inox applications.

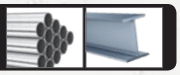
CORDLESS

TYPE	DIA Ø (mm)	TxB (mm)	SPECIFICATION	PK QTY	ITEM No.	PRICE (€)
27	115	2,2x22,23	A46S-BF27	25	66253371523	###,##
	125	2,2x22,23	A46S-BF27	25	66253371524	###,##

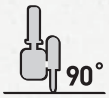




METAL-INOX



TYPE 41





Straight cutting disc providing long life, durability and high material removal for metal and metal-inox applications. Free from iron, sulphur and chloride, the disc eliminates contamination when cutting. Ideal for cutting sheet metal and studs.

CORDLESS

TYPE	DIA Ø (mm)	TxB (mm)	SPECIFICATION	PK QTY	ITEM No.	PRICE (€)
41	115	1,0x22,23	A60S-BF41	25	66253371505	###,##
		1,6x22,23	A46S-BF41	25	66253371506	###,##
		2,5x22,23	A30S-BF41	25	66253371507	###,##
	125	1,0x22,23	A60S-BF41	25	66253371508	###,##
		1,6x22,23	A46S-BF41	25	66253371509	###,##
		2,5x22,23	A30S-BF41	25	66253371510	###,##
	180	1,6x22,23	A46S-BF41	25	66253371511	###,##
		2,5x22,23	A30S-BF41	25	66253371512	###,##
	230	1,9x22,23	A46S-BF41	25	66253371513	###,##
		2,5x22,23	A30S-BF41	25	66253371514	###,##



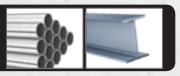
TYPE	DIA Ø (mm)	TxB (mm)	SPECIFICATION	PK QTY	ITEM No.	PRICE (€)
41	115	1,0x22,23	A60S-BF41 SET*	10**	66252845192	###,##
	125	1,0x22,23	A60S-BF41 SET*	10**	66252845193	###,##



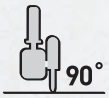
* One metal can/set include 10 pcs Metal-Inox discs

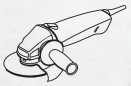
** Minimum order quantity 10 metal cans/sets

METAL-INOX



TYPE 42





This depressed centre cutting disc provides longer life and high material removal for steel and stainless steel applications. The steel-inox disc is free from iron, sulphur and chloride; eliminating contamination when cutting.

CORDLESS

TYPE	DIA Ø (mm)	TxB (mm)	SPECIFICATION	PK QTY	ITEM No.	PRICE (€)
42	115	3,2x22,23	A30S-BF42	25	66253371515	###,##
	125	3,2x22,23	A30S-BF42	25	66253371516	###,##
	180	3,2x22,23	A30S-BF42	25	66253371517*	###,##
	230	3,2x22,24	A30S-BF42	25	66253371518	###,##

* Made to order



METAL-INOX

TYPE 27

These depressed centre grinding wheels provide longer life and high material removal for metal and metal-inox applications. Free from iron, sulphur and chloride, eliminating contamination when grinding.

CORDLESS

TYPE	DIA Ø (mm)	TxB (mm)	SPECIFICATION	PK QTY	ITEM No.	PRICE (€)
27	115	6,4x22,23	A 30 P-BF27	10	66253371519	###,##
	125	6,4x22,23	A 30 P-BF27	10	66253371520	###,##
	180	6,4x22,23	A 30 P-BF27	10	66253371521	###,##
	230	6,4x22,23	A 30 P-BF27	10	66253371522	###,##



STONE

TYPE 41

Straight cutting discs for angle grinders. With silicon carbide grains, the stone cutting wheel produces less dust, noise and material loss as well as a precise cut.

TYPE	DIA Ø (mm)	TxB (mm)	SPECIFICATION	PK QTY	ITEM No.	PRICE (€)
41	115	2,5x22,2	C 30 R-BF41	25	66252839627	###,##
	125	2,5x22,2	C 30 R-BF41	25	66252839628	###,##
	180	2,5x22,2	C 30 R-BF41	25	66252839629	###,##
	230	3,2x22,2	C 30 S-BF41	25	66252832262	###,##
		2,5x22,2	C 30 R-BF41	25	66252839630	###,##



STONE

TYPE 27

Depressed centre grinding wheels for angle grinders with silicon carbide grains, the stone grinding wheels provide longer life and high material removal.

TYPE	DIA Ø (mm)	TxB (mm)	SPECIFICATION	PK QTY	ITEM No.	PRICE (€)
27	115	6,0x22,23	C 30 R-BF27	10	66252839631*	###,##
	125	6,0x22,2	C 30 R-BF27	10	66252839632*	###,##
	180	6,0x22,23	C 30 R-BF27	10	66252839633*	###,##
	230	6,0x22,23	C 30 R-BF27	10	66252839634	###,##

* Made to order



METAL

TYPE 41

Extra reinforced demolition blades for petrol saw cutting machines.

TYPE	DIA Ø (mm)	TxB (mm)	SPECIFICATION	M/S	PK QTY	ITEM No.	PRICE (€)
41	300	3,5x20,0	A 24 R-BF41	80	10	66253371525	###,##
		3,5x25,4	A 24 R-BF41	80	10	66253371526	###,##
	350	4,0x20,0	A 24 R-BF41	100	10	66253371527	###,##
		4,0x25,4	A 24 R-BF41	100	10	66253371528	###,##
	400	4,0x20,0	A 24 R-BF41	100	10	66253371529	###,##



STONE

TYPE 41

Straight cutting discs for petrol saws. Sharp silicon carbide abrasive optimizes cutting on stone and brick. This wheel provides longer life, quick and straight cutting.

TYPE	DIA Ø (mm)	TxB (mm)	SPECIFICATION	M/S	PK QTY	ITEM No.	PRICE (€)
41	300	3,5x20,0	C 24 R-BF41	80	10	66252832263*	###,##
		3,5x25,4	C 24 R-BF41	80	10	66252832264*	###,##
	350	4,0x20,0	C 24 R-BF41	100	10	66252832265*	###,##
		4,0x25,4	C 24 R-BF41	100	10	66252832266*	###,##
	400	4,0x20,0	C 24 R-BF41	100	10	66252832267*	###,##

* Made to order



METAL

TYPE 41

For light, low horsepower portable machines. Designed with finer grit and soft grade for cutting denser materials like metal bars, tubes & pipes with reinforcements.

TYPE	DIA Ø (mm)	TxB (mm)	SPECIFICATION	M/S	PK QTY	ITEM No.	PRICE (€)
41	350	3,0x25,4	A 36 P-BF41	80	10	66253371530*	###,##

* Made to order



MULTIPURPOSE

TYPE 41

Straight cutting discs for petrol saws. Sharp silicon carbide grains optimizes cutting all materials including carbon steel, stone, aluminium, PVC, ceramics and tiles. This wheel provides longer life, quick and straight cutting.

TYPE	DIA Ø (mm)	TxB (mm)	SPECIFICATION	M/S	PK QTY	ITEM No.	PRICE (€)
41	300	3,5x20	C 24 R-BF41	80	10	66252845495	###,##



NOTES

COATED ABRASIVES FOR HAND & MACHINE SANDING

The Norton Clipper range of abrasives for hand, machine and floor sanding has been engineered with cutting edge technology to provide professional grade and high performance abrasives that meet the most demanding requirements.



ANTI-CLOGGING SCREENBAK SANDING DISCS



Self-gripping abrasive discs for sanding and finishing, on a drywall sander.
With an anti-clogging open mesh structure for excellent performance and long life.
Also available in bulk quantity in boxes of 25 discs.



DIA Ø (mm)	GRIT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
225	60	5	5	66261119850	###,##
	80	5	5	66261119851	###,##
	100	5	5	66261119852	###,##
	120	5	5	66261119848	###,##
	150	5	5	66261119871	###,##
	220	5	5	66261119873	###,##
225 BULK PACK	60	1	25	66623332303	###,##
	80	1	25	66623332310	###,##
	100	1	25	66623332311	###,##
	120	1	25	66623332313	###,##
	150	1	25	66623332318	###,##
	220	1	25	66623332322	###,##



MESHPOWER DISCS





An alternative to traditional perforated paper discs, Meshpower is a multifunctional abraisive designed with thousands of holes, created by the unique mesh matrix structure.

- Mesh backing enables excellent dust extraction, for a cleaner working environment and less clean up time
- No-fil® technology prevents clogging for longer product life
- Can be used wet or dry
- Self-grip backing for a quick and easy disc change
- Can be used on many materials, flat and contoured surfaces, by hand or machine
- No defined hole pattern for fast, easy alignment with the back-up pad

ALUMINIUM OXIDE MESHPOWER



DIA Ø (mm)	GRIT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
225 BULK PACK	80	1	25	78072703555	###,##
	120	1	25	78072703556	###,##
	180	1	25	78072703557	###,##
	240	1	25	78072703558	###,##
	320	1	25	78072703559	###,##
	400	1	25	78072703560	###,##

CERAMIC MESHPOWER

Ceramic grain provide the ultimate material removal, best productivity, longest life and finest finish.



DIA Ø (mm)	GRIT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
225	60	5	5	78072706118	###,##
	80	5	5	78072705844	###,##
	120	5	5	78072705845	###,##
	180	5	5	78072705846	###,##
	240	5	5	78072705847	###,##
	320	5	5	78072705848	###,##

PAPER DISCS

6 and 8 holes sanding discs with self-grip backing for quick and easy disc changing. These sanding discs are ideal for achieving perfect results on all surface types including wood, paint and metal.

DIA Ø (mm)	GRIT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
125 8 Holes	40	10	5	66261118234	###,##
	80	10	5	66261118236	###,##
	120	10	5	66261118237	###,##
	180	10	5	66261118238	###,##
150 6 Holes	40	10	5	66261121647	###,##
	80	10	5	66261121648	###,##
	120	10	5	66261121643	###,##
	180	10	5	66261121649	###,##



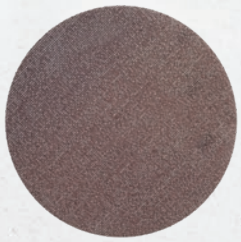
MESHPOWER DISCS

An alternative to traditional perforated paper discs, Meshpower is a multifunctional abraisive designed with thousands of holes, created by the unique mesh matrix structure.

- Mesh backing enables excellent dust extraction, for a cleaner working environment and less clean up time
- No-fil® technology prevents clogging for longer product life
- Can be used wet or dry
- Self-grip backing for a quick and easy disc change
- Can be used on many materials, flat and contoured surfaces, by hand or machine
- No defined hole pattern for fast, easy alignment with the back-up pad

ALUMINIUM OXIDE MESHPOWER

DIA Ø (mm)	GRIT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
150 BULK PACK	80	1	50	69957326274	###,##
	120	1	50	69957326275	###,##
	180	1	50	69957326276	###,##
	240	1	50	69957326277	###,##
	320	1	50	69957326278	###,##



CERAMIC MESHPOWER

Ceramic grain provide the ultimate material removal, best productivity, longest life and finest finish.

DIA Ø (mm)	GRIT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
125	60	5	5	78072706114	###,##
	80	5	5	78072705833	###,##
	120	5	5	78072705834	###,##
	180	5	5	78072705835	###,##
	240	5	5	78072705836	###,##
	320	5	5	78072705837	###,##
150	60	1	5	78072706115	###,##
	80	1	5	78072705838	###,##
	120	1	5	78072705840	###,##
	180	1	5	78072705841	###,##
	240	1	5	78072705842	###,##
	320	1	5	78072705843	###,##



FIBRE DISCS

High performance, aggressive metal removal. Use with a back up pad.

DIA Ø (mm)	GRIT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
115	36	5	5	66261121545	###,##
	50	5	5	66261121548	###,##
	80	5	5	66261121549	###,##
125	36	5	5	66261118320	###,##
	50	5	5	66261118432	###,##
	80	5	5	66261118436	###,##



SEMI FLEXIBLE DISCS

Sharp silicon carbide abrasive for use on marble, granite,concrete, fibreglass & cast iron.
Use with a back up pad.

DIA Ø (mm)	GRIT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
125x22	16	1	25	66261083476	###,##
	24	1	25	7660719292	###,##
	36	1	25	7660719293	###,##
	60	1	25	7660719294	###,##
	80	1	25	7660719295	###,##
180x22	16	1	25	66261083479	###,##
	24	1	25	7660719296	###,##
	36	1	25	7660719297	###,##
	60	1	25	7660719298	###,##
	80	1	25	7660719299	###,##



BACK UP PAD

For use with fibre discs and semi flexible discs.

	DIA Ø (mm)	ATTACHMENT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
	115x22	M14	1	5	66261121553	###,##
	125x22	M14	1	5	66261118437	###,##
	180x22	M14	1	5	66261121556	###,##



FLAP DISCS

High performance zirconia grain for fast material removal and excellent finish on wood, paint and metal. Available in a range of sizes.

DIM (mm)	GRIT	BOX QUANTITY	ITEM No.	PRICE (€)
100x16	40	10	66261118443	###,##
	60	10	66261118464	###,##
	80	10	66261118465	###,##
115x22	40	10	66261118466	###,##
	60	10	66261118468	###,##
	80	10	66261118469	###,##
125x22	40	10	66261118471	###,##
	60	10	66261118472	###,##
	80	10	66261118473	###,##



NON-WOVEN DISCS FOR WOOD

Non-woven discs for wood are made of nylon fibres impregnated with aluminium oxide abrasive grains, for stripping paint and varnish from hard wood surfaces, it leaves the surface clean and immediately ready to paint. Ideal for use on curved and hard to reach areas.

	DIM (mm)	GRIT	BOX QUANTITY	ITEM No.	PRICE (€)
	125	Medium	10	66261118479	###,##



NON-WOVEN DISCS FOR METAL & STONE

Non-woven discs for metal are made of nylon fibres impregnated with silicon carbide abrasive grain, for use in stripping rust from metal and cleaning stone, it leaves the surface clean and immediately ready to paint.

	DIM (mm)	GRIT	BOX QUANTITY	ITEM No.	PRICE (€)
	125	Coarse	10	66261118477	###,##
	180	Coarse	5	66261118480	###,##



CUT SHEETS

For use on orbital sanders, for applications from stripping to finishing on wood, paint and metal.



DIM (mm)	GRIT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
93x230 No holes	40	5	5	66261137988	###,##
	80	5	5	66261137990	###,##
	120	5	5	66261137991	###,##
	180	5	5	66261137992	###,##
115x280 14 holes	40	5	5	66261131047	###,##
	80	5	5	66261131048	###,##
	120	5	5	66261131049	###,##
	180	5	5	66261131050	###,##

ANTI-CLOGGING CUT SHEETS

Cut sheets with a stearate layer to prevent clogging for longer life and perfect finish.



DIM (mm)	GRIT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
80x133	80	5	5	69957316197	###,##
	120	5	5	69957316198	###,##
	180	5	5	69957316259	###,##
	240	5	5	69957316260	###,##

DELTA SANDING SHEETS

Triangular self-gripping sheets for sanding hard to reach areas. Abrasive can be changed quickly and easily when stripping, sanding or finishing wood, paint or metal surfaces.



DIM (mm)	GRIT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
93x93x93	40	5	5	66261131051	###,##
	80	5	5	66261131052	###,##
	120	5	5	66261131053	###,##
	180	5	5	66261131055	###,##

ANTI-CLOGGING MULTI-SANDER SHEETS

Detail self-gripping sanding sheet, with a stearate layer to prevent clogging for longer life and perfect finish. For applications from sanding to finishing on wood, paint and metal.



DIM (mm)	GRIT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
100x150	80	5	5	69957316186	###,##
	120	5	5	69957316190	###,##
	180	5	5	69957316192	###,##
	240	5	5	69957316230	###,##



SANDING BELTS





The belts are reversible so can be used both ways on the machine.
Aluminium oxide grain for general purpose applications.

DIA Ø (mm)	GRIT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
75x533	36	4	5	66261131031	###,##
	50	4	5	66261131034	###,##
	80	4	5	66261131035	###,##
	120	4	5	66261131038	###,##
100x610	36	4	5	66261131039	###,##
	50	4	5	66261131044	###,##
	80	4	5	66261131045	###,##
	120	4	5	66261131046	###,##



FSC® CERTIFICATION

Utilising responsibly sourced material and preserving natural resources is a high priority, look out for the FSC® logo next to Norton Clipper products manufactured using FSC® certified paper.

GLASS PAPER SHEETS

A standard quality general purpose paper for sanding wood, paint & metal.

DIM (mm)	GRIT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
230x280	ASSORTED 5x60 10x80 10x120	25	1	69957371149	###,##



MULTI-PURPOSE SHEETS A213

Provides good results on all surface types. With a light paper backing providing flexibility for comfortable sanding.

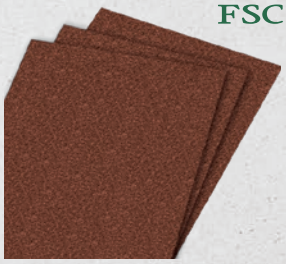
DIM (mm)	GRIT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
230x280	40	5	10	66261118243	###,##
	80	5	10	66261118244	###,##
	120	5	10	66261118245	###,##



MULTI-PURPOSE SHEETS A203F

Mutlipurpose sandpaper sheets with heavy paper backing and open distribution to reduce clogging.

DIM (mm)	GRIT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
230x280	60	25	10	69957370884	###,##
	80	25	10	69957370887	###,##
	120	25	10	69957370888	###,##



ANTI-CLOGGING SHEETS A275

The No-fil® coating reduces sanding dust build-up (clogging) on the abrasive for a longer product life and a perfect finish. Made with a light latex fibre reinforced paper backing it is very flexible, long lasting and comfortable to use and provides complete surface smoothing and finishing on plaster, filler and varnish.

DIM (mm)	GRIT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
230x280	80	5	10	66261118239	###,##
	120	5	10	66261118240	###,##
	180	5	10	66261118241	###,##
	240	5	10	66261118242	###,##



ANTI-CLOGGING SHEETS A290

Made with anti-loading stearate, the A290 sanding sheet provides a good sanding performance on a range of materials and offers an increased lifetime compared to standard abrasive.
Available in bulk packs of 25.



DIM (mm)	GRIT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
230x280	80	25	10	69957370891	###,##
	120	25	10	69957370892	###,##
	150	25	10	69957370893	###,##
	180	25	10	69957370894	###,##

SUPER FLEXIBLE SHEETS

Made with a flexible and resistant cloth backing, ideal for sanding curved or contoured surfaces on bare, painted and varnished wood. Can be torn into strips for sanding hard to reach areas and curves.



DIM (mm)	GRIT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
230x280	40	5	10	66261118246	###,##
	80	5	10	66261118247	###,##
	120	5	10	66261118248	###,##
	180	5	10	66261121659	###,##

WATERPROOF SHEETS

Latex paper backing for wet and dry use, use wet for best results as the water helps to clean, lubricates and helps prevent clogging. Silicon carbide grain for high performance on metals.



DIM (mm)	GRIT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
230x280	240	5	10	66261118256	###,##
	400	5	10	66261118257	###,##
	600	5	10	66261118258	###,##

SELF GRIP ROLLS

Self-gripping roll scan be used by hand, with a sanding block or a self gripping machine.
An excellent multifunctional product, made with Zirconium abrasive for high performance.
Can be used on all wood, paint and metal surfaces



DIM (mm)	GRIT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
93x5000	40	1	3	69957311156	###,##
	80	1	3	69957311157	###,##
	120	1	3	69957311158	###,##
	180	1	3	69957311160	###,##

BEARTEX HAND PADS

Made from nylon fibre, impregnated with abrasive grain, giving a three dimensional abrasive that can be used on all sides. Ideal for a number of applications, from surface preparation to finishing and cleaning of wood, paint, metal, plastics, glass and tiles.

- Heavy duty cleaning
- Surface preparation
- Final finishing
- Cleaning

DIM (mm)	COLOUR / GRADE	ITEM No.	PACK QUANTITY	BOX QUANTITY	PRICE (€)
150x115	BROWN: MEDIUM	66261138007	5	10	###,##
	MAROON: EXTRA FINE	66261138006	5	10	###,##
	GREY: ULTRA FINE	66261138005	5	10	###,##
	WHITE: NON-ABRASIVE	66261138003	5	10	###,##



SANDING BLOCK AND REFILLS

The ergonomic foam block is comfortable and easy to use. Ideal for use on small, flat, wooden, painted or metal surfaces. Available with and without refills. Refills can also be purchased separately.





DIM (mm)	GRIT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
70x125x40	N/A	1	5	7660705180	###,##
70x125x40 KIT	1 x BLOCK 2 x 40 3 x 80 2 x 120 2 x 180	1 x BLOCK 9 X REFILLS	20	66261131056	###,##
70x125 REFILLS	80	12	5	66261131057	###,##
	120	12	5	66261131058	###,##
	180	12	5	66261131059	###,##

RUBBER SANDING BLOCK

Can be used with all types of sandpaper. Provides a comfortable grip for better sanding control and an even surface finish. Tear a suitable size of abrasive paper and wrap around block using grips to hold in place.



DIM (mm)	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
102x67x20	1	20	66623382148	###,##

PLASTER SANDING KIT & REFILLS

The complete sanding kit for plaster and filler. Screenbak abrasive reduces clogging and the ergonomic handle gives greater control and comfortable grip. Large, flat surface area of the block means fast results on large areas. Refills are available for sanding rough plaster and finishing and smoothing prior to painting.

DIM (mm)	GRIT	PACK QUANTITY	BOX QUANTITY	ITEM No.	PRICE (€)
115 x 280 KIT	1 x BLOCK 2 x 120 2 x 220	1 x BLOCK 4 x REFILLS	5	66261148287	###,##
115 x 280	120	2	10	66261148276	###,##
	220	2	10	66261148284	###,##



HANDY ROLLS

Designed for manual applications. The cloth backing provides high flexibility for de-burring, rust removal and finishing applications on curved surfaces such as pipes, banisters and spindles. Comes in a convenient dispenser which eliminates waste and provides easy storage.

DIM	GRIT	PACK QUANTITY	ITEM No.	PRICE (€)
38mmx25m	60	1	63642531823	###,##
	80	1	63642531820	###,##
	120	1	63642531815	###,##
	120	1	63642531811	###,##



SANDING ROLLS G131F

Sanding rolls with aluminium oxide abrasive and strong heavy paper backing for high performance on wood, paint and metal surfaces. Use by hand or with any of the Norton Clipper sanding blocks for best results.

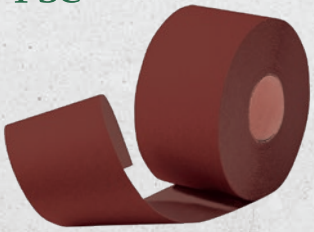
DIM	GRIT	PACK QUANTITY	ITEM No.	PRICE (€)
115mmx50m	60	1	66623377588	###,##
	80	1	66623377589	###,##
	120	1	66623377587	###,##



SANDING ROLLS A203F

Mutlipurpose sandpaper rolls with heavy paper backing and open distribution to reduce clogging.

DIM	GRIT	PACK QUANTITY	ITEM No.	PRICE (€)
115mmx50m	80	1	69957370889	###,##
	120	1	69957370890	###,##



FSC® CERTIFICATION

Utilising responsibly sourced material and preserving natural resources is a high priority, look out for the FSC® logo next to Norton Clipper products manufactured using FSC® certified paper.

RED HEAT - R955

Floor sanding belt with SG ceramic abrasive and very strong polyester cloth backing for long life and tear resistance. Ideal for professional floor sanding of hard wood across large areas.



DIM (mm)	GRIT	PACK QUANTITY	ITEM No.	PRICE (€)
200x750	24	5	69957345034	###,##
	36	5	69957345033	###,##
	40	5	69957345032	###,##
	50	5	69957345031	###,##
	60	5	69957345030	###,##
	80	5	69957345029	###,##
	100	5	69957345028	###,##

NORZON - R817

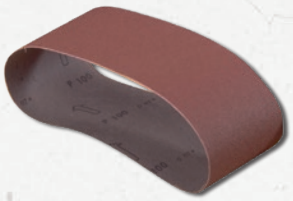
Floor sanding belt with 100% Norzon abrasive and heavy polyester cloth for long life even at high pressure. Very good performance on hard wood.



DIM (mm)	GRIT	PACK QUANTITY	ITEM No.	PRICE (€)
200x750	24	10	66261182171	###,##
	36	10	66261182172	###,##
	40	10	66261182173	###,##
	60	10	69957371516	###,##
	100	10	66261182174	###,##
	120	10	69957371513	###,##

R230

Floor sanding belt with aluminium oxide abrasive and strong cloth backing. Multi-purpose product ideal for sanding wooden floors.



DIM (mm)	GRIT	PACK QUANTITY	ITEM No.	PRICE (€)
200x480	24	20	66254445457	###,##
	40	20	66623305193	###,##
	60	20	66623305192	###,##
	80	20	69957353993	###,##
	100	20	66254445458	###,##
	120	20	63642557864	###,##
200x551	24	10	66254445468	###,##
	36	10	66254445467	###,##
	40	10	66254445466	###,##
	60	10	63642588232	###,##
	80	10	66254445465	###,##
	100	10	69957372801	###,##
	120	10	66254445464	###,##
200x750	24	10	63642521182	###,##
	36	10	69957349006	###,##
	40	10	69957349007	###,##
	60	10	69957349010	###,##
	80	10	69957349014	###,##
	100	10	69957349394	###,##
	120	10	63642558814	###,##

R427

Floor sanding belt with silicon carbide abrasive and cotton cloth backing.

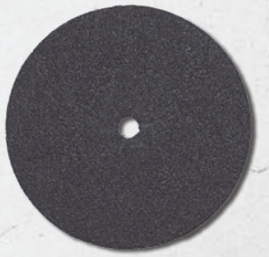


DIM (mm)	GRIT	PACK QUANTITY	ITEM No.	PRICE (€)
200x480	40	20	63642513086	###,##
	60	20	63642513088*	###,##
	80	20	63642513090	###,##
	120	20	63642513233	###,##
200x750	24	10	63642552608	###,##
	36	10	63642552610	###,##
	40	10	63642552612	###,##
	50	10	63642552613	###,##
	60	10	63642552614	###,##
	80	10	63642552616	###,##
	100	10	63642552618	###,##
	120	10	63642552620	###,##

* Made to order

DOUBLE SIDED DISCS S413

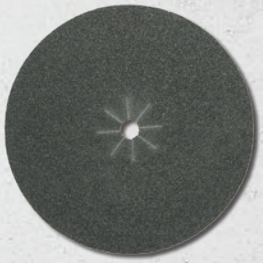
Double sided disc with sharp silicon carbide abrasive and strong combination backing providing a very high cutting action for rough floor sanding applications.



DIM (mm)	GRIT	PACK QUANTITY	ITEM No.	PRICE (€)
375x40	16	10	66254449459	###,##
	24	10	66254449460	###,##
406x25	16	10	63642552885	###,##
	24	10	66254449468	###,##

DOUBLE SIDED DISCS H425

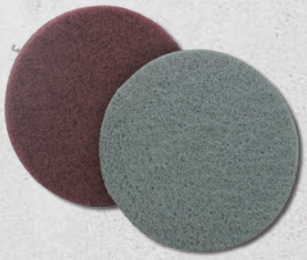
Double sided disc with silicon carbide abrasive provides high cutting action for floor sanding applications.



DIM (mm)	GRIT	PACK QUANTITY	ITEM No.	PRICE (€)
375x40	40	10	66254449462	###,##
	60	10	66254449463	###,##
	80	10	66254449464	###,##
	120	10	66254449466	###,##
406x25	40	10	66254449479	###,##
	60	10	66254449471	###,##
	80	10	66254449472	###,##
	100	10	66254449473	###,##
	120	10	66254449474	###,##

PLAIN DISCS BEARTEX (NON WOVEN)

Beartex plain discs are ideal for cleaning, polishing and finishing wooden floors.



DIM (mm)	GRIT	PACK QUANTITY	ITEM No.	PRICE (€)
150	Very Fine	10	63642557497	###,##
	Ultra Fine	10	63642557498	###,##

PLAIN DISCS H425

Plain discs with silicon carbide abrasive ideal for use on stone surfaces and soft wood.
For dry applications only.



DIM (mm)	GRIT	PACK QUANTITY	ITEM No.	PRICE (€)
140x22	36	100	63642546555	###,##
	60	100	63642546518	###,##
	80	100	63642546519	###,##
	120	100	69957360223	###,##
150x12	36	50	63642546553	###,##
	40	100	69957360199	###,##
	50	100	63642546525	###,##
	60	100	63642546527	###,##
	80	100	63642546529	###,##
	100	100	69957360218	###,##
180x22	36	50	66261176663	###,##
	40	50	66261176664	###,##
	50	50	66261176685	###,##
	60	50	66261176638	###,##
	80	50	63642548176	###,##
	100	100	69957376890	###,##
	120	100	69957377839	###,##

PLAIN DISCS H231

Plain sanding discs with high performance aluminium oxide abrasive ideal for roughing, intermediate sanding & finishing of solid wood.



DIM (mm)	GRIT	PACK QUANTITY	ITEM No.	PRICE (€)
180x22	36	50	66254445393	###,##
	40	50	66254445391	###,##
	50	50	66254445390	###,##
	60	50	66261176692	###,##
	80	100	69957378384	###,##
	100	100	66254445389	###,##
200x22	40	100	66254445439	###,##
	60	100	66254445440	###,##

SCREENBAK DISCS Q421

Waterproof screenbak discs with silicon carbide abrasive on an open mesh backing for extreme resistance to loading, for long life. Ideal for wood sanding applications.



DIM (mm)	GRIT	PACK QUANTITY	ITEM No.	PRICE (€)
406	60	10	66261120519	###,##
	80	10	63642536521	###,##
	100	10	66261120517	###,##
	120	10	66261120516	###,##
	150	10	63642536524	###,##
	180	10	63642515105	###,##
	220	10	63642552254	###,##

BEARTEX FLOOR PADS

Beartex offers a wide range of floor pads from stripping right through to mirror gloss finishing. For general scrubbing and cleaning applications Beartex offers two pads that will remove surface dirt and grime to get the floor back in shape before recoating or buffing.



DIM (mm)	GRIT	PACK QUANTITY	ITEM No.	PRICE (€)
406 Standard	White Super Gloss	5	63642585892	###,##
	Red Buffer	5	63642585890	###,##
	Beige	5	63642585873	###,##
	Black Super Strip	5	63642585841	###,##
	Green Super Scrub	5	63642585877	###,##
	Blue Super Clean	5	63642585868	###,##
406 Thin line	Black	10	63642585895	###,##
	Green	10	63642585899	###,##
	Beige	10	63642585903	###,##
	White	10	63642585904	###,##

SELF-GRIP DISCS H231



High performance aluminium oxide abrasive disc ideal for roughing, intermediate sanding & finishing of solid wood.



DIM (mm)	GRIT	PACK QUANTITY	ITEM No.	PRICE (€)
125	36	100	66261176734	###,##
	60	100	63642516174	###,##
	80	100	63642516175	###,##
	120	100	63642516176	###,##
	180	100	63642537389	###,##
	240	100	69957360184	###,##
	320	100	63642537390	###,##
150	36	50	63642551458	###,##
	40	100	63642531875	###,##
	50	100	69957360119	###,##
	60	100	63642519158	###,##
	80	100	63642546787	###,##
	100	100	63642531872	###,##
	120	100	63642531871	###,##
	150	100	69957360170	###,##
	180	100	63642536755	###,##
	240	100	63642546797	###,##
150	40	100	66261026066	###,##
	60	100	69957382764	###,##
	80	100	66261026069	###,##
	100	100	66261026070	###,##
	120	100	66261026071	###,##
	240	100	69957351531	###,##
150	40	100	63642550341	###,##
	60	100	63642536740	###,##
	80	100	63642536741	###,##
	100	100	63642568763	###,##
	120	100	63642546779	###,##
	150	100	63642546781	###,##

SELF-GRIP DISCS H425

Self grip backed discs with silicon carbide abrasive for high cutting action in wood and concrete sanding applications.



DIM (mm)	GRIT	PACK QUANTITY	ITEM No.	PRICE (€)
406	40	10	66254461030	###,##
	60	10	66254499602	###,##
	80	10	66254461035	###,##
	100	10	66254461037	###,##
	120	10	66254464732	###,##

BEARTEX SELF-GRIP DISCS

Flexible non-loading disc conforms to work surface and provides a uniform finish.
Ideal for finishing solid surface materials.



DIM (mm)	GRIT	PACK QUANTITY	ITEM No.	PRICE (€)
150	Very Fine	10	69957383151	###,##
	Micro Fine	10	69957383162	###,##

FLOOR SANDING SHEETS H421

Heavy paper sheets with silicon carbide abrasive providing a high cut rate in floor sanding applications.



DIM (mm)	GRIT	PACK QUANTITY	ITEM No.	PRICE (€)
205x475 	24	25	66623319705	###,##
	40	25	66623319704	###,##
	60	25	66623319702	###,##
	80	25	66623319697	###,##
	120	25	66623319698	###,##

PAPER ROLLS H425

Floor sanding roll with silicon carbide abrasive providing a high cut rate with good tear resistance.



DIM	GRIT	PACK QUANTITY	ITEM No.	PRICE (€)
203mmx50m	36	1	63642557681	###,##
	40	1	69957361909	###,##
	50	1	69957352812	###,##
	60	1	63642527466	###,##
	80	1	63642557682	###,##
	100	1	63642557683	###,##
	120	1	63642552702	###,##

CLOTH ROLLS R230

Floor sanding rolls with aluminium oxide abrasive and cotton cloth, a multipurpose product for metal & wood with a good cutting rate.

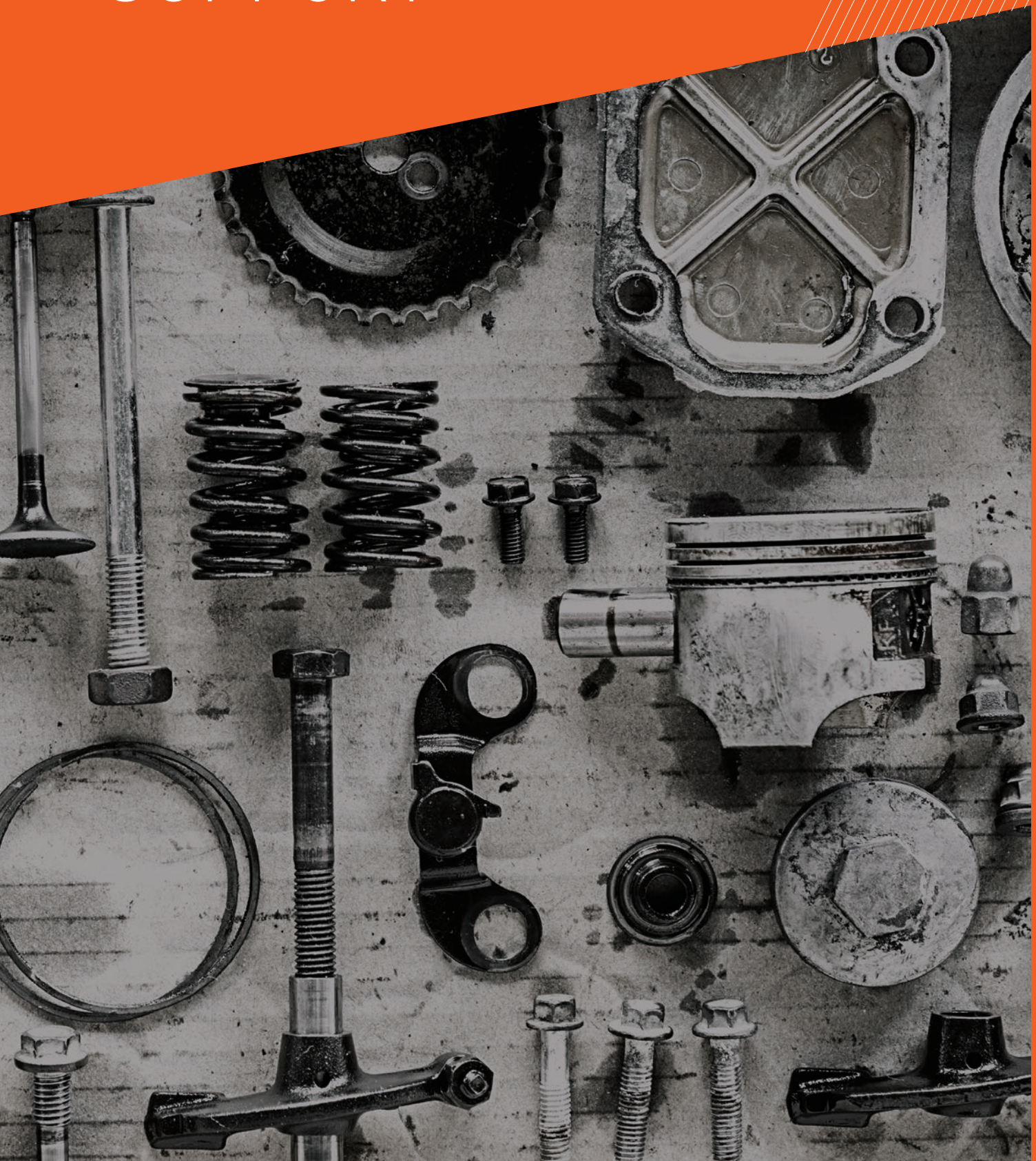


DIM	GRIT	PACK QUANTITY	ITEM No.	PRICE (€)
203mmx50m	60	1	63642564505	###,##
	80	1	63642553315	###,##
	120	1	63642508863	###,##

NORTON SAINT-GOBAIN

clipper®

TECHNICAL SUPPORT



TROUBLE SHOOTING DIAMOND PRODUCTS

BLADE WORN OUT-OF-ROUND	
Worn out shaft bearings on saw.	Install new blade shaft bearings.
Machine spindle worn out. A groove may have been scored on the spindle as a result of previous blade spinning on the spindle.	Replace worn out spindle.
Blade slipping on spindle.	Tighten spindle nut on the machine. Make certain the drive pin is fitted and functioning where required.
Bond too hard for material causing blade to "pound".	Use proper blade specification, a softer bond blade maybe required.
Blade being pushed to hard and not allowed to cut – causes bouncing and will lead to blade going out of round.	Slow down traverse rate or reduce depth of cut.
Blade spindle speed too high – causing polishing and causing blade to act hard and bounce.	Reduce spindle speed to recommended RPM.

UNEVEN SEGMENT WEAR	
Insufficient water flow, generally on one side of the blade, which reduces side clearance.	Check pipes are clean and correctly positioned. Make certain that adequate clean water is being equally distributed to both sides of the blade.
Equipment defect, which causes the blade to wear out of round.	Replace bad bearings, worn out machine spindle or realign spindle. On concrete saws, ensure the engine runs smoothly, to prevent harmonic vibrations, which in turn cause the blade to pound on a regular cycle basis.
Saw head misaligned.	Check saw head alignment both vertically and horizontally.

PREMATURE WEAR OF STEEL CENTRE	
Steel centre wears away faster than the diamond segment.	If material cut is very abrasive, a blade with undercutting protecting segments should be used.
Highly abrasive particles are being generated during cutting.	Use sufficient water to flush swarf out of cut.
1. Hammer segment. 2. Double height segment. 3. Slant segment.	Caution: Wear-retardant cores are not always the final answer to eliminate undercutting. Blades should be inspected periodically during use.

STEEL CENTRE LOSS OF TENSION	
Blade core has been overheated.	Provide proper amount of water to both sides of the blade. Make sure water pump is producing sufficient water, that no blockage occurs in water lines, and pipes are correctly positioned.
Blade core has been overheated as a result of blade spinning on spindle.	Check spindle and arbor hole for damage. Tighten spindle nut and make certain that the drive pin is present and functioning on floor saws.
Blade core has been overheated because of blade core rubbing side of material being cut.	Properly align machine to allow straight cutting. Avoid twisting the blade in cut. Maintain a strong grip on saw. Make certain that spindle RPM is correct so that blade operates at its recommended speed.
Unequal pressure on flanges.	Flanges should be of identical and the correct diameter and cleaned regularly.
Machine spindle RPM does not match recommended blade RPM.	If spindle speed is too high the blade will act hard and overheat, use correct spindle speed for blade diameter.

BLADE IS WOBBLING	
Blade mounted on a damaged or worn machine.	Check for damaged or worn out bearings, bent or worn out blade spindle. Also check flanges to make sure they are clean, flat, and of the manufacturer's recommended diameter.
Blade being run at improper operating speed (RPM).	Make sure that the spindle is turning at the proper RPM to match the recommended speed for the diameter of blade. Use a tachometer to make certain the machine spindle is set at the proper operating speed.
Blade bent.	Do not use, contact manufacturer.

TROUBLE SHOOTING DIAMOND PRODUCTS

ARBOR HOLE OUT-OF-ROUND	
Blade flanges are not properly tightened, causing blade to rotate or vibrate on spindle.	Tighten spindle nut and make certain blade is adequately secured to prevent rotation on spindle.
Worn out, bent or dirty flanges which do not allow proper blade clamping.	Clean or replace flanges, make sure they are not worn out, and tighten spindle nut properly.
Blade not properly mounted.	Ensure that the blade is mounted on the proper diameter of spindle.

SHORT BLADE LIFE	
Using the wrong blade on a specific material.	Use the proper blade specification, as recommended by the manufacturer, depending on your machine power and the hardness and type of material cut.
Worn blade shaft bearings, worn blade arbor or misaligned machine spindle.	Replace defective parts.
Loss of power, resulting from loose or damaged drive belts.	Tighten or replace drive belts.
Inadequate water flow to the blade.	Make sure water hoses are clean and free from any blockages. Ensure clean and correct water flow based on the blade diameter.
Power of the machine is too high for the specification.	Refer to the application chart to define the proper specification and bond hardness to be used based on the power of your saw.
Machine spindle speed too low for blade diameter.	Use correct speed/set up for blade diameter or use a larger blade.

BLADE WILL NOT CUT	
Blade is too hard for the material being cut (improper blade specification).	Refer to blade application chart for the proper blade specification based on the machine power and type and hardness of the aggregate.
Blade has glazed over, probably as a result of being used on a too hard material or cutting to deep in one pass.	Sharpen the blade by cutting softer abrasive material to expose diamonds. If continual sharpening is required, this would indicate that the blade specification is too hard for the material being cut.
Blade rotation speed too high.	Use the correct spindle speed (RPM)for the diameter of blade.
Cutting too deep in one pass.	Cutting in multi passes is often required.
Allow the diamond to do the work.	Pushing the diamond tool too hard will cause the diamond to polish and stop working.

SEGMENT LOSS	
The material and/or saw was not held firmly, which caused the blade to twist or jam in the cut.	Hold material or saw firmly.
Not sawing in a straight line with overcorrecting caused the blade to twist or jam in the cut.	Properly align saw to allow straight cutting, avoid twisting the blade in the cut.
Deflective flanges which cause the blade to flutter in the cut or fail to properly support the blade in perfect alignment.	Clean foreign material from flange surfaces, or replace flanges if they are under manufacturer's recommended diameter or are bent or deformed.
Blade is too hard for material being cut causing the segment to glaze over. The segment separated due to impacts or fatigue.	Use the proper blade specification for the material being cut.
Overheating due to inadequate supply of coolant (water or air). This usually comes with discolorations on the core in the area of segment loss. Overheating of blades may cause core cracks or segment loss.	Wet cutting – provide adequate water flow on both sides of the blade. Dry cutting – periodically allow blades to run out of the cut. The blade will cool in a few seconds so that sawing may continue.
Under cutting on steel centre.	Segments suffer undercutting from abrasive material or inadequate water supply. Use undercutting protection or increase water flow. If in doubt return blade for inspection.
Power of the machine is too high for the specification.	Refer to the application chart to define the proper specification to be used based on the power of your saw.

CRACKS IN SEGMENT	
Blade is too hard for material being cut.	Use blade with softer bond.

TECHNICAL SUPPORT: PRODUCT ADVICE

THE DIFFERENT SEGMENT SHAPES



SEGMENTED

The gullets (space between the segments) help to extract cutting dust and cool the blade. They also offer the blade a little flexibility to prevent cracks developing when used in demanding conditions. Ideal for concrete, reinforced concrete, asphalt and all building materials.



FLAT CONTINUOUS RIM

Continuous rim blades are required for a good quality finish. The flat continuous surface means there are no shocks against the material that could create chips in the workpiece. This type of blade is particularly suitable for tiles that need a perfect finish.



TURBO CORRUGATED CONTINUOUS RIM

When the material is extremely hard a more aggressive cut is needed, so a corrugated continuous rim is the best fit.
This design gives small shocks to the workpiece when tackling the hardest tiles and building materials. Suitable for ceramic and porcelain tiles, granite, roof tiles and other hard materials.

TILE SAW ADVICE

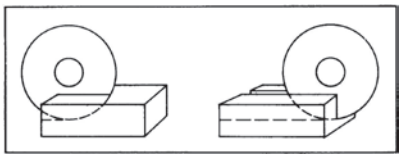
NEVER FORCE CUTTING AND ALLOW THE BLADE AND THE MOTOR TORQUE OF THE MACHINE TO DO THE WORK

- Make sure the water pump is properly immersed before use.
- Clean the water pump and the water tray right after use to avoid the formation of a solid deposit, to work in full safety and increase the lifespan of the machine.
- On tile saws, make sure that the dividing knife (blade guard support) is properly aligned with the diamond blade to avoid the blocking and the break-in of the tiles.
- Always slow down the infeed speed at the end of the cut to avoid breaking the tile and to obtain a satisfactory quality of cut.



For optimum results, we recommend that you equip your Clipper machines with Norton diamond blades, designed specially for wet cutting of tiles.

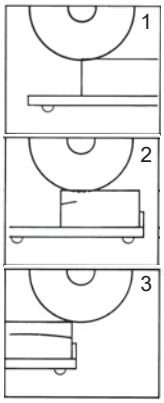
MASONRY SAW CUTTING METHODS



FULL DEPTH OR FIXED CUTTING

In full depth or fixed cutting, the cutting head is locked in a fixed position and the material is pushed into it as shown.

This technique usually provides greater efficiency than merely holding the head down.
It works well with wet diamond blades cutting some soft materials. It is less efficient overall than the "Step Cutting" method for most materials, especially when using abrasive blades.



MULTIPLE STEP CUTTING

Multiple step cutting consists of moving the conveyor cart with the material to be cut backwards and forwards under the rotating blade.

- Place the material to be cut on the conveyor cart firmly against the cutting guide and the backstop, keeping hands well away from the blade.

- Start the machine.
- Move conveyor cart forward near the blade and pull down the cutting head until blade is lowered to a point where it will lightly contact the surface of the material.
- Pass the material beneath with rapid full length strokes, taking a shallow cut (approximately 3mm deep as shown on the picture) on the forward stroke. On the backward stroke, lift the blade just clear over the cutting line.
- Complete each rapid stroke backward and forward by passing the material beyond the centre of the blade before starting the reverse movement of the conveyor cart.



Clipper's Tip

NOTE: The harder the material, the more rapid the forward and backward strokes should be. Step cutting lessens the area of the blade circumference in contact with the material, keeping the blade cool, running free and cutting at peak efficiency.

- Be sure the water pump is plugged into the connection on the masonry saw motor. Make sure the water pump is on before starting a wet-cutting operation.
- Handle on petcock should be turned in line with the water flow. Start motor and be certain that both sides of the blade are getting an adequate flow of water.
- At all times make sure that the water level covers the screen on the bottom of the pump. Do not let sludge and dirt get deep enough in the pan to block the pump inlet.
- Clean the water-tray and the pump after use.
- Adapt the infeed speed applied on the diamond blade and the depth of cut to prevent over-heating and failure of the motor.

FLOOR SAW ADVICE

BLADE SELECTION AND MOUNTING



Make sure that the diamond blade specification is selected according to the material to cut and to the power of the machine. Before mounting any blade on the saw, the blade should be inspected for any damage that might have occurred during shipment, handling or previous use.

The blade must be properly fitted over shaft and drive pin.
Drive pin must project through hole in blade and into collar.
Do not force the blade onto shaft.
The blade guard must always be in place when the saw is running.
Always use a proper size blade guard for the size blade being used. The operator should wear safety glasses and appropriate safety equipment at all times.

MACHINE MAINTENANCE AND SAFETY PRECAUTIONS

Total Daily Exposure (C)	< 2,5m/s²	2,5m/s² < DE < 5m/s²	> 5m/s²
Status	No action needed (D)	Employer must take actions to reduce or eliminate HAV	Employee must not work anymore

The EU Directive 2002/44/EC (the 'Vibration Directive') places responsibilities on employers to ensure that risks from hand-arm vibration are eliminated or reduced to a minimum. It also sets maximum limits to the daily exposure to hand-arm vibrations.

Each time you use brand new belts, check and set tension after 1 hour utilisation : poor tension setting is the main cause for early wear out of belts. Check the air-filter regularly to preserve the life and performance of the engine.

Adequate coolant must be used when sawing with wet cutting diamond blades. An adequate coolant supply is required for wet cutting blades to maintain blade life and cutting efficiency.
If for any reason the blade stalls in the cut, raise the blade out of the cut and check the outside blade shaft collar and nut for tightness before restarting the engine. Inspect the blade for damage. Use care when resuming a cut. Make certain that the blade is in alignment with the previous cut.
Never leave a floor saw unattended while its engine is running. Always secure the saw from rolling when not in use.
Operate the engine at the proper RPM. Never alter RPM or governor setting. In case of an EMERGENCY:
"SHUT OFF ENGINE."

CONCRETE OR ASPHALT CUTTING METHODS

During cutting, do not exert excessive side pressure on the handles as a method of steering. Do not force the blade into material by lowering the blade too quickly or by increasing the speed of the saw.

The larger diameter blades, 450mm and above, are systematically used in a step cutting method at cutting depths of 5cm to 8cm in short travel distances of 15 to 20min. This allows the blade to remain in a free cutting condition and can allow for up to 30% reduction of the total cutting time.

For the deepest cuts (> 20cm), it is recommended to make the first cutting-steps with a small diameter diamond blade (≤ 450mm), and then to use a larger diameter diamond blade only for last deepest steps.
This procedure preserves the lifespan of the most expensive blade.





GREEN CONCRETE CUTTING METHODS

Green concrete is cut to control cracking in large concrete floors.

The initial cutting of the concrete is done within a 24 hour period at a depth of 1/3 to 1/4 of the total concrete thickness. Generally 300 and 350mm diameter blades are used with 3 or 4mm widths.

After the initial cut has been made, the joint may require additional widening for the backing rod and/or sealant. This requires a blade diameter of 300 or 350mm in widths up to 10mm. This operation requires sometimes 'Bevel' blades with triangular segments to generate a chamfer on the joint edges.

DRILLING ADVICE

THE PERFORMANCE OF ANY DIAMOND CORE BIT DEPENDS HEAVILY ON THE USE OF PROPER DRILLING TECHNIQUES. ALTHOUGH DRILLING CONDITIONS AND MATERIALS MAY VARY, FOLLOWING SPECIFIC GUIDELINES & SAFETY PRECAUTIONS ENSURES SAFE, FASTER DRILLING SPEED AND LONGER BIT LIFE.



Clipper's Tip

IMPORTANT: Always wear proper safety equipment; wear safety glasses, safety footware, hearing and head protection, and respiratory equipment where required.

CORE DRILLING TECHNIQUES

Drilling can be made with handheld or fixed equipment.

Handheld drilling has the advantage to require less preparation and is a faster operation, but is recommended for drilling diameters up to 150mm only. Handheld motors safety clutch are designed to protect the end-user against hand-arm injuries and are thus fitted to much less torques than for a fixed drilling operation.

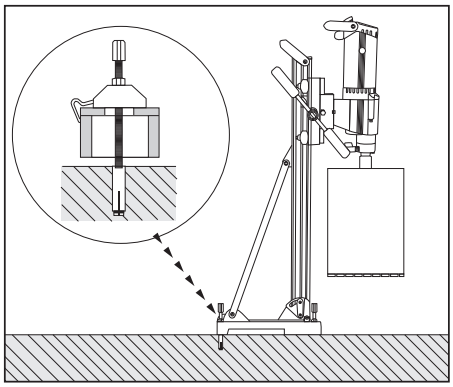
Fixed drilling requires more preparation work to fasten properly the equipment, but then allows much larger drilling diameters with non-limited torques.

You can consult our product selection charts to choose the best tool for each of your requirements.

DRILL RIG FASTENING

Secure the core drill to the work surface so that there is no movement in the drill that would allow the bit to bind in the hole. There are three main fixing methods:

DOWEL FIXING



- Measure and mark clearly both the drilling location and drill rig fastening hole.
- Select the right type of dowel adapted to the material to drill.
- Use dowel installation tool with a hammer to ensure the dowel is perfectly tighten into the material.
- Position the drill rig over the drilling location, using the laser pointer.
- Tight and adjust the drill rig using the 3 adjusting screws and the spirit-level.

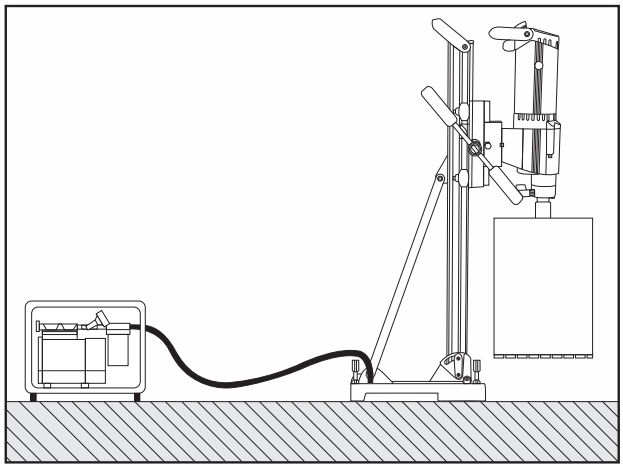
VACUUM FIXING

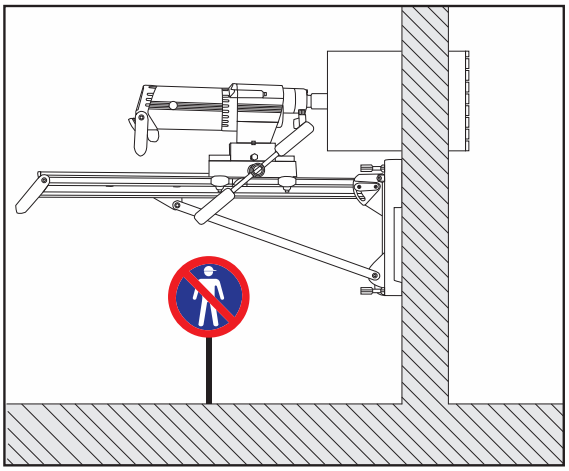


Clipper's Tip

CAUTION: Vacuum fixing requires a solid and flat surface to ensure the best safety for the operators. Make sure the surface won't break or detached under the weight of the drilling equipment.

- Measure and mark clearly the drilling location.
- Position the vacuum base and plug it to the vacuum pump. Ensure the vacuum purge tap is closed.
- If required, add some weight or pressure above the vacuum base to help generating the vacuum.
- Fix the threaded rod to the vacuum base and position the drill rig over the drilling location, using the laser pointer.
- Tight and adjust the drill rig using the 3 adjusting screws and the spirit-level.



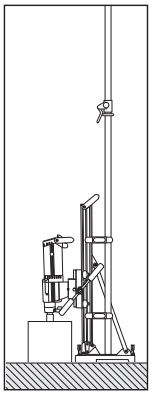


BRACE FIXING



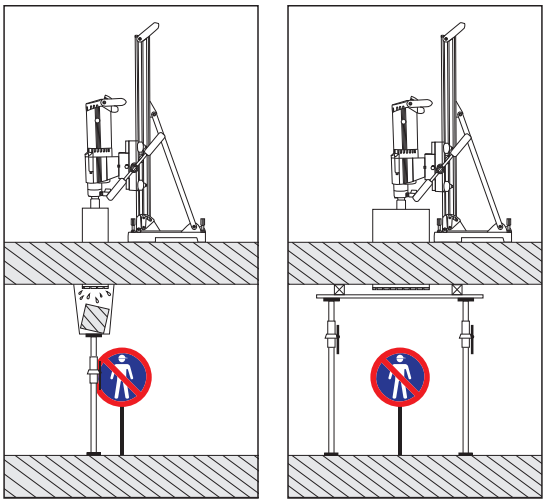
Clipper's Tip

CAUTION: brace fixing requires a solid surface on both ends of the brace to ensure the best safety for the operators. Make sure the surface won't break or detach under the strength of the brace tightening.



- Measure and mark clearly the drilling location.
- Position the drill rig and fix it with the brace. You can position the telescopic brace either on the top of the column or directly on the drilling base.
- Tight and adjust the drill rig using the 3 adjusting screws and the spirit-level.

CORE DRILLING OPERATION



- Mount the drilling motor on the rig.
- Use a quick-release ring between the motor and core bit to prevent blockage after work.
- Set the proper rotation speed depending on the drilling diameter.
- Plug to water supply and set a sufficient supply of water to ensure that hole will be constantly flushed of abrasive slurrys.
- Plug the three-pronged plug (PRCD) on the power cord of the motor into a grounded electrical outlet of the appropriate voltage.
- Slowly lower the bit into the cut so that there is no skidding or lateral movement of the core bit. The entire circumference of the core bit should penetrate the drilling surface before additional pressure is applied to the handle.
- Exert steady downward pressure onto the core bit whilst drilling. Do not force the core bit into the material.
- Do not stop the flow of water or the rotation of the core bit as long as the core bit is in the hole. If the drilling rate decreases noticeably, check the core bit. The slower penetration rate generally means that the core bit is dull and needs to be reconditioned.

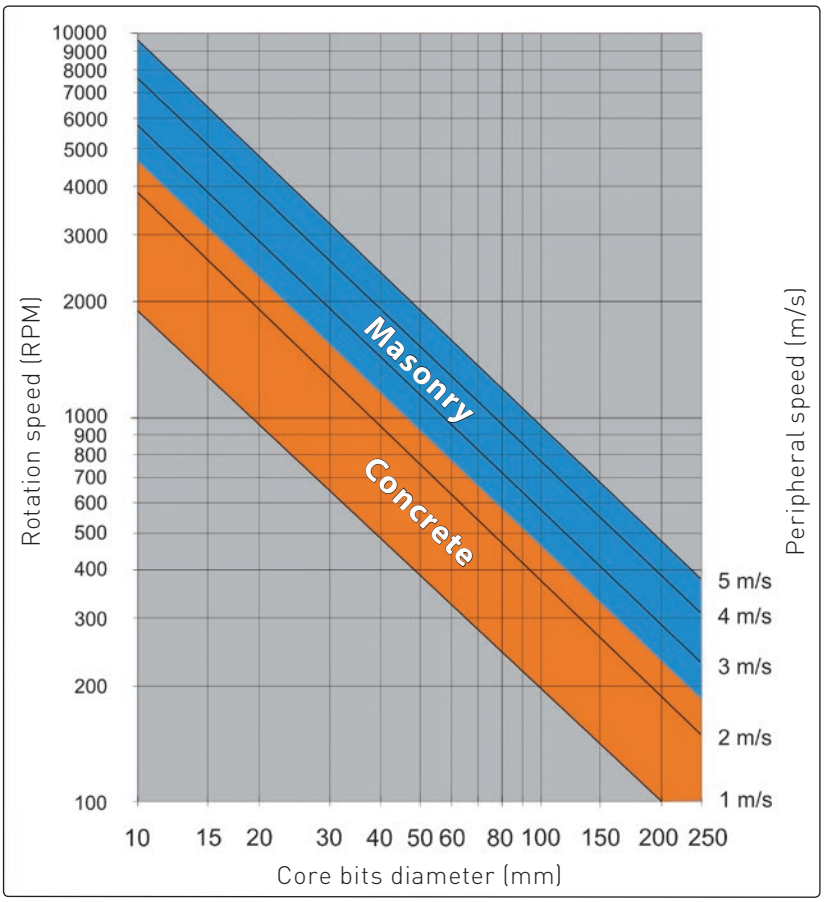
In most cases, core drilling requires the use of water. Properly ground the core drill, as the use of any electrical tools in wet areas can be hazardous.

The core drill must be securely fastened to the intended work surface (wall, deck, etc.), using anchor bolts, vacuum pad or jack screw.

Use extreme caution when drilling through floors. Check for electrical conduit.

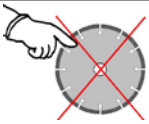
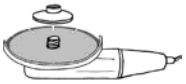
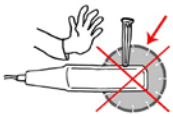
Provide protection for all personnel and materials below the areas being drilled.

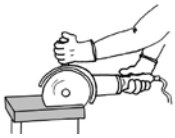
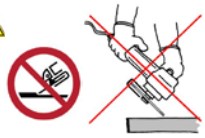
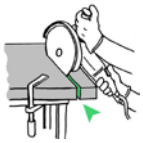
OPTIMAL RPM FOR DIAMOND CORE BITS



DIAMOND TOOLS SAFETY RECOMMENDATIONS

DIAMOND BLADE DO'S & DON'TS

	DO'S	DON'TS
1	 Ensure the saw bears the mark EN 13236	 Do not use a saw without EN 13236 mark
2	 Always read the safety instructions	 Don't throw away the instructions before reading
3	 Examine the saw for damage	 Never use damaged saws
4	 Align flanges correctly  Observe direction of run	 Flanges incorrectly aligned  Incorrect bore size - No direction of run
5	 Ensure the guard is fitted	 Never remove the guard

	DO'S	DON'TS
6	 Ensure work piece is secure	 Never cut an unstable work piece
7	 Use protective equipment	 Never cut without protective equipment
8	 Only use for cutting off	 Do not grind with a diamond saw
9	 Always straight cutting	 Never twist in the cut
10	 Let the saw cut freely	 Never force the cut

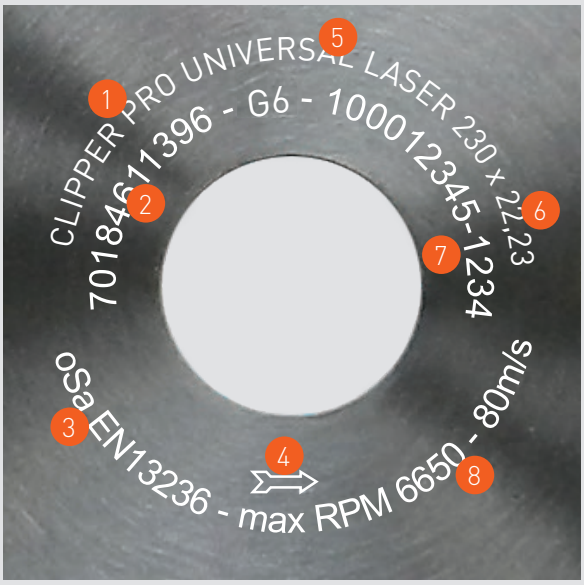
BLADE MARKING SYSTEMS

1. Product Name
2. Wet or Dry cutting
3. Laser Welding Logo
4. European Standards
5. Material Pictograms
6. Quality tier rating
7. Diameter and Bore (hole) size
8. EAN 13 Code
9. Machine Pictogram
10. Saftey and Restrictions of Use



BLADE MARKING SYSTEMS

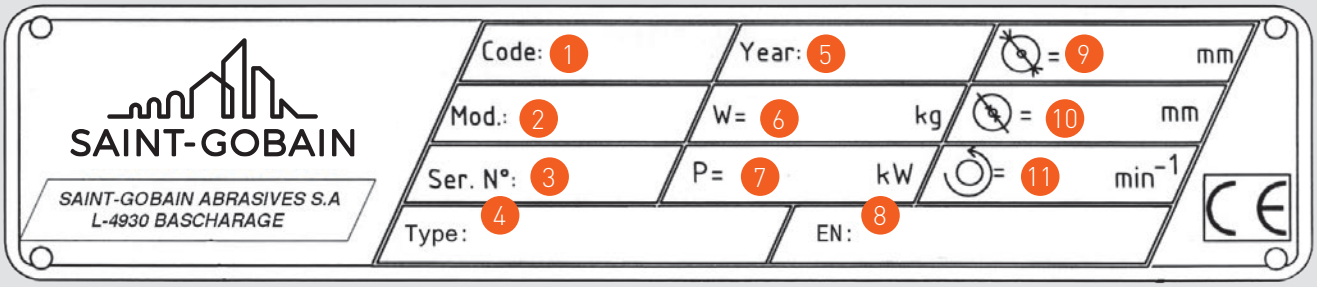
1. Manufacturer's Name
2. Article Number
3. Application Safety Standard
4. Direction of Rotation
5. Specification
6. Diameter and Bore
7. Manufacturer's production code required for traceability
8. Maximum operating speed in RPM and m/s



SAFETY & INFORMATION PICTOGRAMS :



MACHINE MARKING



1. Machine Code
2. Machine Model
3. Serial Number
4. Machine Type
5. Year of Production
6. Weight
7. Power
8. Safety Standard
9. Blade Speed
10. Bore Diameter
11. Max. Blade Diameter

CUTTING DISCS & GRINDING WHEELS ADVICE

SHAPE SPECIFICATION SYSTEM

BF 27



Depressed centre grinding wheels. Available in diameters 76-230mm for hand-held machines

Application: grinding

BF 29



Depressed centre grinding wheels. Available in diameters 115mm & 125mm for hand-held machines

Application: grinding

BF 41



Flat cutting-off wheels. Available in diameters 40-400mm for hand-held machines & 250-400mm for stationery machines

Application: cutting-off

BF 42



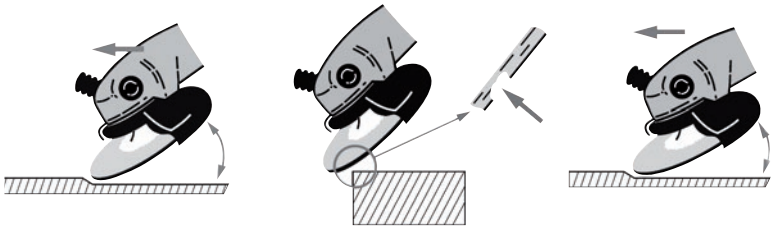
Depressed centre cutting-off wheels. Available in diameters 76-230mm for hand-held machines

Application: cutting-off

PORTABLE GRINDERS

GRINDING ROUGH WORK

- Do not use a cutting-off wheel for snagging.
- Do not work with the side of a wheel, you will cut the reinforcing cloths.
- Work at an angle of 10 to 30° with a longitudinal action.



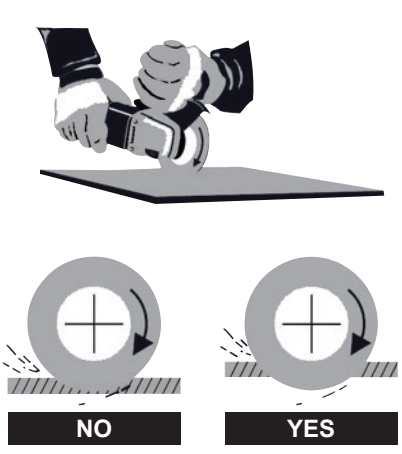
GRINDING FINISHING WORK

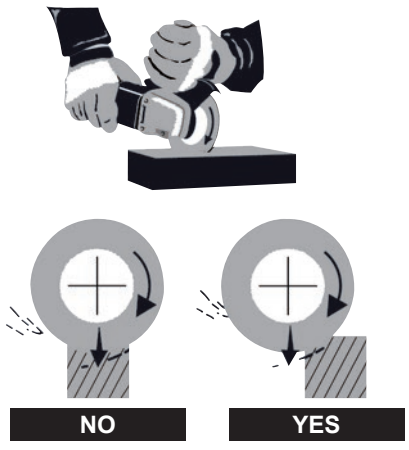
- Angle of work 15°.
- Rotary action.

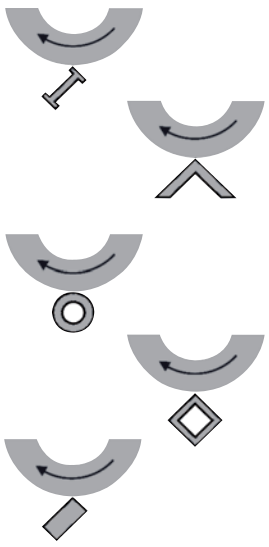


CUTTING-OFF

- Arrange the workpiece so that a uniform section can be cut.



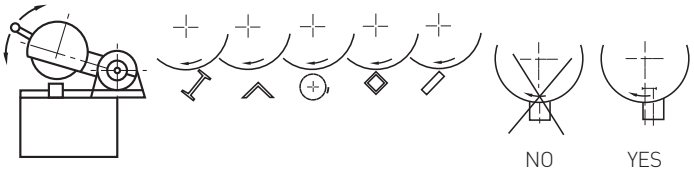




FIXED MACHINE

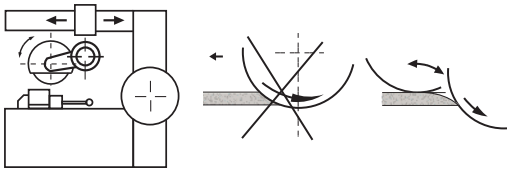
DOWNSTROKE HEADS

- Lay out the shape parts in order to have a constant section.
- Avoid any wedging of the grinding wheel.
- Make sure the wheel is cleared.

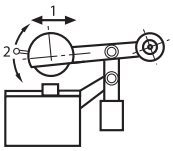


AUTOMATIC FEED

- In the case of thick parts, use the reciprocating motion of the carriage.



OSCILLATING HEADS



OPERATING MODE

1 – Oscillating

2 – Cutting-off

- Do not use this type of machine with a downstroke action.



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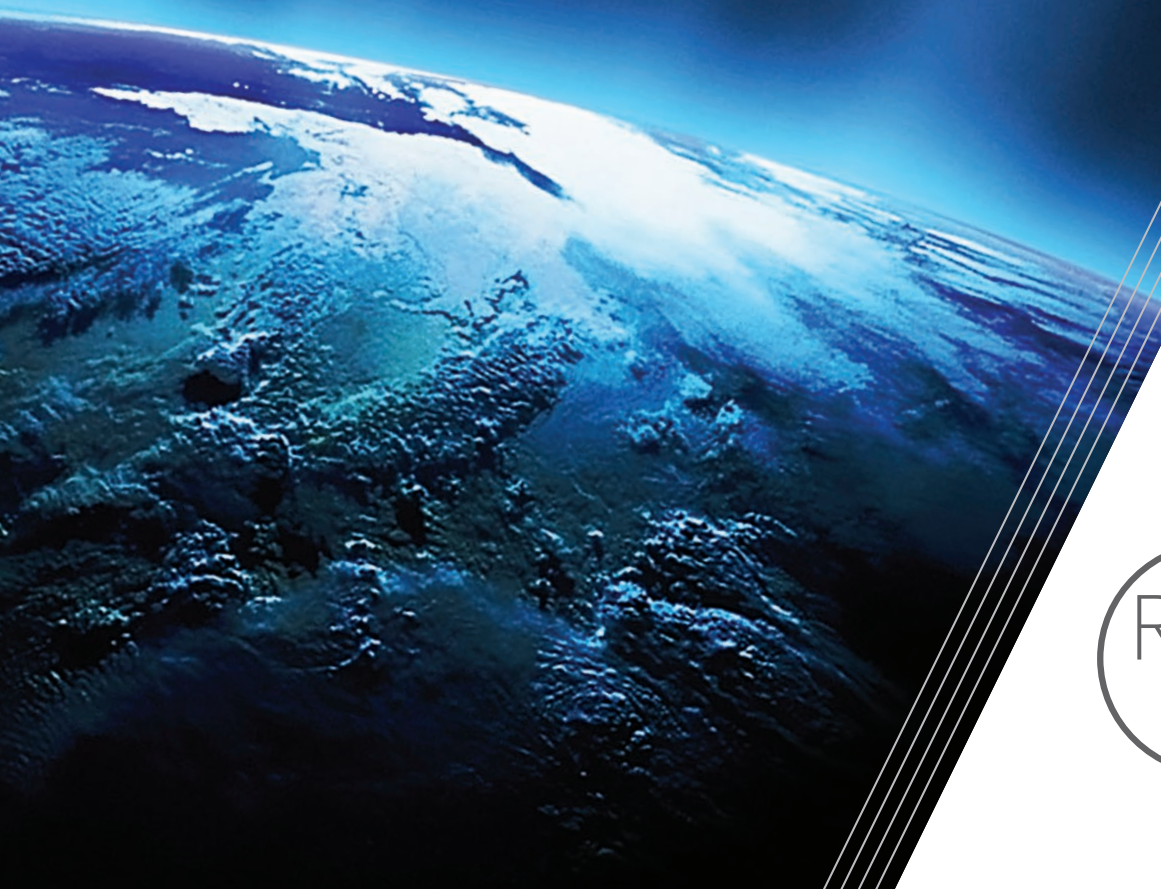
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