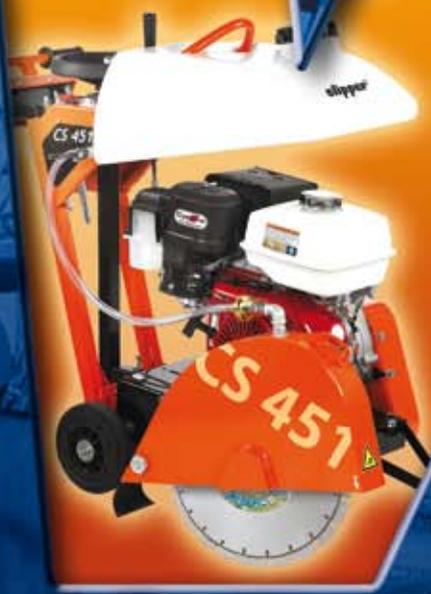


**PRODUCT GUIDE**  
FOR BUILDING AND CONSTRUCTION



**NORTON**

***elipper***®

**ABRASIVE TECHNOLOGICAL EXCELLENCE**



**NORTON**



**clipper**

The NORTON Company was established in Worcester, Massachusetts in 1885. Since that time NORTON has expanded its operations globally and is now the world's largest and most innovative abrasive manufacturer with manufacturing facilities and sales organisations on every continent. NORTON is the only abrasive manufacturer that provides each of the three major types of abrasives : bonded abrasives, coated abrasives and diamond products. NORTON is part of Saint-Gobain, one of the world's largest manufacturing companies.

NORTON established its European diamond tool manufacturing facilities in Luxembourg in 1963.

The CLIPPER brand covers the range of machinery for the construction industry including masonry saws, floor saws, power trowels, floor grinders, core drills and tile saws. The NORTON brand covers the consumable diamond products, including laser welded diamond blades and core bits.

In the early eighties, NORTON revolutionised the construction and building industry by the invention of laser welded diamond blades. The introduction of this new manufacturing process greatly increased safety and made the diamond tools more versatile.

With sustained Research & Development investments, NORTON has continually developed their diamond products ensuring that the NORTON products are at the forefront of performance, cutting faster and lasting longer than competitive products.

## Manufacturing Processes designed to ensure the health and safety of our employees and to protect the environment.

*"The environmental policy of health and safety of group SAINT-GOBAIN is based on respect for our employees and their environment. Its main goal consists of continually preventing accidents, disease and pollution in each workplace".*

– Pierre-André de Chalandar, Chairman of the Saint-Gobain group.

The NORTON diamond product manufacturing facility in Bascharage (Luxembourg) perfectly illustrates these values.

- The health and safety of employees, who are regarded as our best asset, is paramount and procedures are certified to **OHSAS 18001:1999** by the organisation TÜV.
- TÜV also certifies the facility with regard to atmospheric and water emissions and the management of waste to **ISO standard 14001:2004**.

Substantial investments have been made to automate and develop the manufacturing processes at the Bascharage facility resulting in it becoming one of the most advanced and efficient diamond product manufacturing plants in the world. The products are shipped via NORTON and Saint-Gobain subsidiaries all over the world.



### Contact

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www.saint-gobain-abrasives.co.uk



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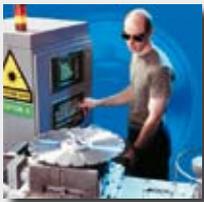


# NORTON Innovations

Each year NORTON invests substantially in research and development to improve quality and performance of diamond products. The following highlight NORTON breakthrough developments.

## Quickfix

The NORTON Quickfix mounting system allows the safe use of the same diamond blade on saws with different arbor diameters. (see details at page 25)



**LASER**

## NORTON, inventor of the laser-welded diamond blades

In the early Eighties, NORTON revolutionised the diamond blade market by developing the process of laser welding diamond segments to the steel centre. This allowed, for the first time, diamond products to cut dry on a very wide range of masonry and construction materials, returning exceptional speed of cut and long life when compared with conventional abrasive wheels. The products could also be used on angle grinders and petrol saws with complete safety.



## Seeded Gel Abrasive

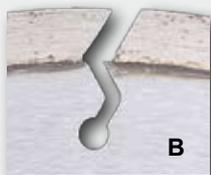
NORTON is not only the largest abrasive company in the world, they are also the largest producer of abrasive grain. Seeded Gel is a patented process which combines high performance Seeded Gel ceramic abrasive grain within the diamond particle matrix or bond. The process produces a new type of diamond segment which greatly enhances product performance, speed of cut and product life.



A

### A. Diamond blades with ellipsoidal shaped gullets.

The NORTON patented ellipsoidal gullets substantially increases the products safety by significantly decreasing the risk of cracking in the steel centre. The design is so successful that it enables the 4x4 Explorer range to safely cut metals up to 5mm thickness.



B

### B. Diamond blades with arrow shaped gullets.

Blades in the DUO range of diamond blades are equipped with exclusive designed gullets in the steel centre, in the shape of arrows indicating the direction of rotation of the blade, and allowing fast removal of cutting debris for larger life.

## NORTON's patented depth of cut indicator

The depth of cut is easily controlled. The steel centre is permanently marked with patented slots that combine the direction of rotation and depth indicators. When the blade revolves the depth of cut can be seen through the stroboscope effect. This allows the operator to work faster because the depth of cut is controlled and blade life increases because over cutting is eliminated.

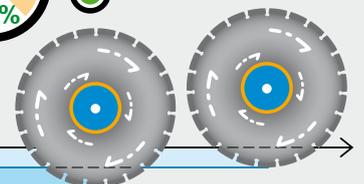


SAVE -30%

2x

5 CM

5 CM





# The NORTON CLIPPER Range of Diamond Tools



## ★★★★★ CLIPPER DYNAMIC

CLIPPER Dynamic is NORTON's TOP-OF-THE-RANGE product line incorporating the LATEST TECHNOLOGY in segment and core design. The range is INNOVATIVE and designed to meet the requirements of the professional building and construction market with the HIGHEST LEVELS OF PERFORMANCE with regard to speed of cut, product life, ease of use and safety. These benefits results in lower overall operating costs.

## ★★★★☆ CLIPPER PRO

CLIPPER Pro is a range of HIGH PERFORMANCE products delivering higher than average performance with regard to speed of cut and product life. The products are designed for EASE OF USE and manufactured to the highest SAFETY standards. Perfect for PROFESSIONALS and for INTENSIVE use.

## ★★★☆☆ CLIPPER CLASSIC

The CLIPPER Classic range is a QUALITY COST EFFECTIVE range giving a GOOD ALL ROUND performance with regard to speed of cut and product life. The products are manufactured to the same safety and quality standards as the other ranges.



## Easily identify the material to cut with our colour code :



A simple colour code system to match the diamond product to the material to be cut.



	<p><b>Concrete and concrete products</b> 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.</p>
	<p><b>Universal use - building materials</b> Reinforced concrete, cured concrete, kerbs, concrete pipes, bricks, block paving, flagstones and paving stones, washed gravel concrete slabs, natural stone, sandstone, limestone, flint.</p>
	<p><b>4x4 Explorer</b> Concrete, reinforced concrete, asphalt over concrete, granite, building materials, thin steel sections.</p>
	<p><b>Asphalt and abrasive materials</b> Asphalt, asphalt over concrete, green concrete, bitumen, cement joints, breeze blocks, Lignacite blocks.</p>
	<p><b>Natural stone and tiles</b> Granite, marble, slate, hard natural stone, tiles - porcelain, ceramic, vitrified reconstituted stone.</p>

# The CLIPPER range of Equipment

Clipper machines are the reference in the industry and construction business, contributing to position NORTON as the leader of diamond technology. Excellence is our motto and our engineers are professionals eager to design highly performing, robust and safe equipment.



We developed many improvements thanks to a strong partnership with our distributors, suppliers and customers. Our Customer Service is located together with our design office, so customer is close to designers.

This approach led to provide a complete range of high quality and reliable products at lowest cost including :

- Wall chaser : easy and safe use.
- Tile saws : compact, easy transport.
- Masonry saws : high performance level and easy transport.
- Floor saws : wet and dry cutting of concrete and asphalt.
- Wall saws : high cutting accuracy.
- Core bits and drill rigs : wide range of products.
- Power floats : achieve perfect surface aspect.
- Grinding machines : top quality on various types of floors finishing.

As a specialist in professional machines design, we clearly focus on functionality which is a must in the construction environment.

That's why CLIPPER machines are :

- Easy to use : our own operators run tests which are a major step in our machines ergonomics optimization process.
- Easy to maintain : assembled with robust components and providing good accessibility for main parts replacement.



We are continuously developing new innovations which will meet customers' expectations because ...

...**“The original CLIPPER must be a better choice than any other machine on the marketplace”.**

# Safety : the number 1 priority for NORTON



## Diamond Tools & Thin Wheels

Users of diamond tools and abrasives should be aware that these products rotate at extremely high speeds for efficient operation. Care must therefore be taken in order not to abuse these tools. The risk of product failure is increased with low quality products that are not designed and manufactured to conform to the respective standards and regulations in place. Such non-conforming products may not withstand mechanical loads and heat generated during use.

### EN13236 > EN13236 - Standards for Diamond tools

The European Standard EN13236 governs the safety requirements for super abrasive (diamond) products. User safety has always been NORTON's top priority. NORTON 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 > EN12413 - Standards for Thin Wheels abrasives (cutting and grinding discs)

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

### > oSa



In 2000, NORTON and Saint-Gobain Abrasives was 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.

## Machines

Our philosophy concerning design and manufacturing of NORTON CLIPPER machines is aligned with diamond tools and abrasives approach.

We provide operating devices which will both comply with safety standards and ensure high level of performance even in extremely difficult conditions.

Of course 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 73/23/EEC

Part of our products range includes electrical motors, and our design complies with Low Voltage European directives. As for all directives, we even do more than requested to provide our customers highly reliable and safe working conditions.

### > Electromagnetic Compatibility Directive 2004/108/EC

In the construction business, CLIPPER machines are used in many places, close to either professional or domestic equipments 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.

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 98/37/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

**EN 15027** Transportable wall saw and wire saw equipment for job site – Safety

**EN 12649** Concrete compactors and smoothing machines – Safety

In addition to regulations and formal aspects, our engineers have a strong understanding of customers' applications in the field. They work together with our Customer Service to consider or even anticipate potential risks and design the safest way.



NORTON certifies that all diamond products fully comply with the requirements of EN13236 and the requirements of oSa.

NORTON certifies that all their abrasive cutting and grinding discs fully comply with the requirements of EN12413.

NORTON strongly advises users **not** to use products that do not comply with the safety regulations EN13236, EN12413, FEPA and oSa.



# DO's and DON'Ts for diamond tools



**Safety Information and Advice - Read these instructions to ensure the products are used correctly and safely...**

**Do :**

- Do read the safety information supplied with the diamond tools and the machine
- Do store the diamond products in a dry place
- Do check that the correct product has been chosen for the application
- Do handle, store and transport the diamonds products carefully as they can be damaged
- Do disconnect the machine from the power supply before mounting the diamonds tool
- Do examine the diamonds tool before mounting and periodically during the use, for damage and defects (flatness, cracking and excessive wear to the steel of the steel centre : damage to bore area...)
- Do check that the mounting flanges are correct for the machine, clean, undamaged and free from burrs
- Do check machine arbor for damage before mounting blade
- Do make sure that the mounting flanges are correctly fitted and mounting nut/bolt is securely tightened
- Do always use a blade and belt guard ensuring they are correctly fitted and adjusted to ensure maximum protection
- Do ensure that the material to be cut is firmly clamped and cannot move
- Do wear full safety equipment including eye, ear, breathing protection and suitable safety clothing
- Do avoid applying side pressure to the blade which would result in uneven wear and product damage
- Do check the direction of rotation of the blade is the same as that of the machine
- Do check the speed of the blade is compatible to the machine speed and safe to use
- Do make sure that the machine is designed to use diamond products and fully complies with EU directives
- Do be aware of the possible risks when using diamonds products and observe correct safety procedures :
  - Avoid contact with the revolving diamond tool
  - Do not stress the diamond tool which could result in product failure and possible injury
  - Be aware of cutting debris, sparks, fumes and dust generated during the cut
  - Noise
  - Vibration



**DIAMONDS PRODUCTS ARE DANGEROUS IF THEY ARE MISUSED...**

**Do NOT :**

- Do not allow inexperienced or untrained persons to use diamonds tools
- Do not use a diamond tool which is damaged or has been dropped
- Do not use a diamond tool which cannot be correctly identified
- Do not use a machine which is not in good condition or has defective parts
- Do not force the diamond tool onto a machine or modify the size of the bore to fit a machine
- Do not exceed the maximum operating speed marked on the diamond tool
- Do not apply shocks or excessive force to the diamond blade or let it overheat
- Do not tighten the mounting flanges excessively
- Do not start the machine without the guards being in place and correctly fixed and adjusted
- Do not continue to use a diamond tool which vibrates excessively
- Do not use a diamond tool on an application that it is not designed for
- Do not start the machine with the diamond tool in contact with material being cut
- Do not try to cut materials that the diamond tool is not designed to cut
- Do not stop the diamond tool while still in the material being cut
- Do not use a diamond tool with missing segments or a cracked steel centre
- Do not cut dry with diamonds tools designed for wet cutting
- Do not wear loose or badly fitting clothing, ties or jewellery when operating machinery
- Do not use diamonds tools near inflammable materials

# NORTON online

For further information or for a product recommendation on a diamond blade or machine or spare parts, the NORTON-CLIPPER web site is available to answer your questions interactively. Log on to the following address :

[WWW.CONSTRUCTION.NORTON.EU](http://WWW.CONSTRUCTION.NORTON.EU)

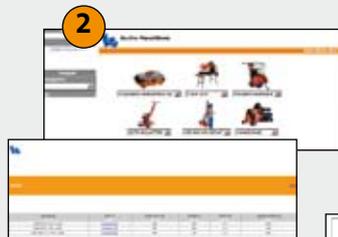
We have simplified access...  
... and in three clicks you will have the information you require.



You are looking for a guard for the Compact CGW EVO ?

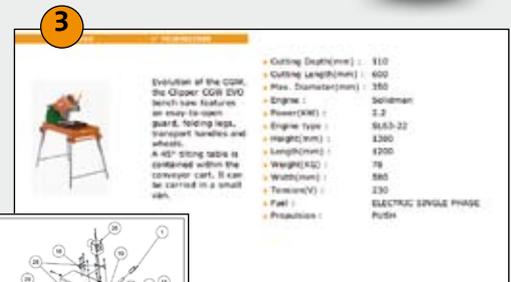


Click on "machines catalogue" and you will obtain all technical information relevant to the machines.

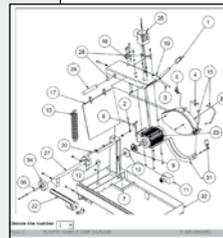


Select the machine type – Masonry Saw – and from the drop down menu choose "CGW EVO" ...

From the next list click on your machine. A picture and full machine specification appears.



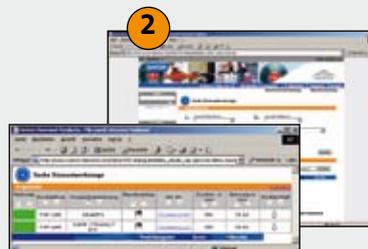
Click on "spare parts" and you will obtain a drawing of the machine and you will be able to select the number relating to the guard – 20. Select 20 from the drop down menu and the part description and number appears.



You are looking for a diamond blade to cut asphalt on a floor saw in diameter 350mm ?

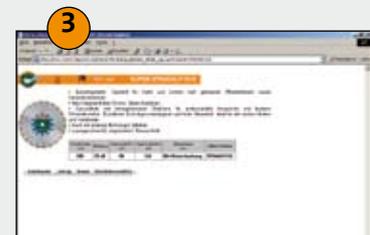


Click on "diamond tools catalogue" and choose from the drop down menus.



Select 1 - "floor saw", 2 - "Asphalt", 3 - "quality", then choose, bore, diameter and wet or dry. Click search.

... a list of diamond blades answering the criteria that you selected will appear.



... click on the product that meets your criteria and you will obtain all the details of the product, (height of segment, image, article number, etc.).



# Merchandising solutions

We bring our support to our distributors and help them to display our products to get the most benefit from our product range.

Among many items, we can provide for instance :

- Point-of-Sale display material
- Counter displays
- Product training in our “Center of Excellence” training centers
- Joint customer visits with our own sales forces
- Open-day stand displays
- Promotional leaflets
- Specialized product brochures



## Merchandising plan

We can provide a comprehensive and flexible solution for the display of our products, including various tools such as :

- Wall-displays with hooks
- Clear and informative Point-of-Sale tools (headers, bus-stops, recommendation charts...)
- Planogram solutions for optimizing your display space



Contact us for more details on merchandising solutions.



Description	Part Number	Dimensions LxHxW
1 - Wall display with standard hooks	510007596	1000x2000x560mm
2 - Shelf for vertical display of 115-125mm blades	510049186	1000x222x315mm
3 - Shelf for vertical display of 180-230mm blades	510049187	1000x300x395mm
4 - Shelf for vertical display of 300-350mm blades	510049188	1000x385x510mm
Safety kit (lockable hooks)	510018714	-
5 - Slanted display, with lockable drawer	510007593	1000x1000x350mm

# The BLADE marking system...

## Product Name

## Wet or Dry cutting

Know what the blade is designed for

For dry cutting (☞  
For wet cutting (☞

## Laser Welded Logo

Laser welded segments guarantee maximum safety during use.

## European Standards

Conforms to standard EN 13236 and Founder Member of oSa (Organisation for the Safety of Abrasives).

## Material Pictogram

To know clearly what type of materials the blade can cut.

## Stars Pictogram

Indicates the CLIPPER Range of the blade. (see page 8)

## Diameter and Bore

(hole) size  
Ensure the sizes are correct for your machine.

## Bar code

Identification of the blade.

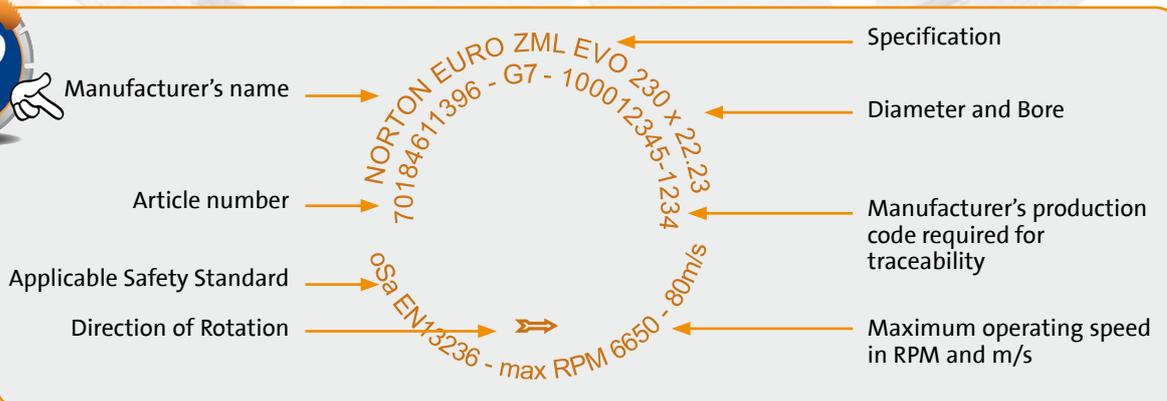
## Machine Pictogram

Indicates the type of machine.

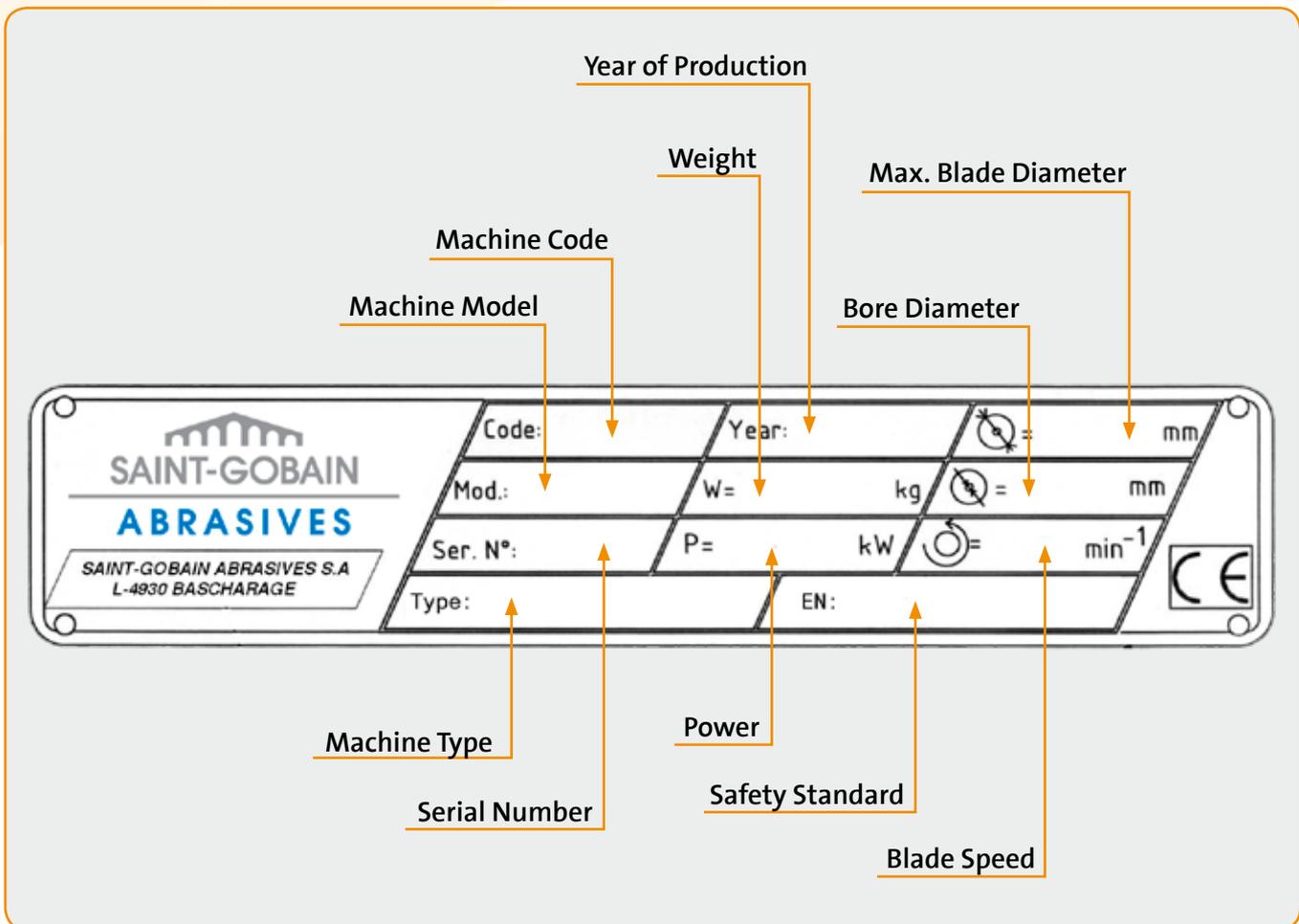
## Safety and Restrictions of Use

Information of what safety equipment must be used and restrictions of use.

Laser engraving (on reverse side) : permanently marked product details.



# The MACHINE marking system...



## SAFETY PICTOGRAMS

			
Read operator's instructions	Ear protection must be worn	Hand protection must be worn	Eye protection must be worn
			
Danger : risk of cut	Danger : risk of cut	Never move the machine with the blade running idle	Emergency stop switch

## INFORMATION PICTOGRAMS

	
Blade direction of rotation	
	
Do not lift the machine from here	Lift from here

# Recommendation Guide

EN13236 



Blade type      Ø (mm)            Machines

				Re-bar/Light section steel	Porcelain	Granite	Engineering bricks	Cured conc. Flint/River agg	Clay pipes/paviors	Quarry tiles	Marble	Hard paviors - Marshalls	Clay roof tiles	Terrazo
DUO EXTREME	115 - 400													
ZDH DUO	230 - 400													
ZDH 500	300 - 600													
SUPER BETON EVO	300 - 600													
CLASSIC BETON	300 - 450													
CC PRO	400 - 900													
CC 50541Y	350 - 400													
CC 50541Y - Bevel	350													
AVANTIS 10	600 - 1200													
WS CLASSIC	600 - 1000													
RING BETON <b>NEW</b>	350													
<b>SILENCIO NEW</b>	230 - 500													
EURO ZML EVO	105 - 500													
CLASSIC LASER	115 - 350													
CLASSIC UNI	115 - 350													
AERO JET EVO	115 - 350													
EURO JET	115 - 350													
CLASSIC JET	115 - 350													
FMD DUO	300 - 500													
ALFA	300 - 400													
BS 10	900													
BS U	650 - 1000													
BS 7	900													
TP	115 - 125													
TP-V	115 - 125													
CG 2	100 - 180													
CG TURBO/SLANT	100 - 180													
RING UNI <b>NEW</b>	350													
4x4 EXPLORER	115 - 450													
DUO ASPHALT	300 - 450													
SUPER ASPHALT EVO	300 - 600													



# NORTON, we help you choose...



“Navigation” is the new NORTON Tool to enable you to immediately find the information which you need on line and corresponds to the new NORTON diamond product catalogue.

**Performance level** (See page 6) → ★★★★★ DUO EXTREME

**Type of machine(s)** → [Icons: Electric Angle Grinder, Petrol Hand Held Saw, Tile Saw, Masonry Table Saw, Large Masonry Block Saw, Floor Saw]

**Dry or wet cutting** → [Icons: Dry Cutting, Wet Cutting]

**Product description and application** → DUO EXTREME  
 UNIQUE laser welded blade suitable for a wide range of MATERIALS. Due to its innovative design, the DUO Extreme is EASY TO USE, extremely FAST CUTTING and guarantees an ACCURATE CUT and LONG LIFE. Ideal for all high speed uses, masonry saw benches and floor saws up to 315hp.  
 Application : concrete, reinforced concrete, hard materials and general building materials.

**Laser Welded segments** → [Icon: Laser Welded Segments]

**Application** → [Icon: Application]

**Colour Code** → [Icon: Colour Code]

**Index** → [Icon: Index]

**Picture of product** → [Icon: Picture of product]

Item No	SAN 15 Code	Ø (mm)	Blade (mm)	Equipment H / W
70246 2394	5450246 204111	135	22,25	11/2,3
70246 2395	5450246 204129	125	22,25	11/2,3
70246 2396	5450246 204166	180	22,25	12/2,5
70246 24576	5450246 218096	230	22,25	11/2,6
70246 24578	5450246 218113	300	20	12/2,8
70246 24571	5450246 217411	300	25,4	12/2,8
70246 24579	5450246 218126	350	20	12/2,8
70246 24580	5450246 218122	350	25,4	12/2,8
70246 25074	5450246 241078	400	25,4	12/3,1

Item No	SAN 15 Code	Ø (mm)	Blade (mm)	Equipment H / W
70246 23415	5450246 187123	300	20	10/2,8
70246 23415	5450246 187127	300	25,4	10/2,8
70246 23416	5450246 187124	350	20	10/2,8
70246 23418	5450246 187178	350	25,4	10/2,8
70246 23419	5450246 187195	400	20	10/3,2
70246 23420	5450246 187202	400	25,4	10/3,2
70246 23421	5450246 187208	450	25,4	10/3,2
70246 23421	5450246 204718	500	25,4	7/3,8
70246 23982	5450246 209382	600	25,4	10/4,4

Item No	SAN 15 Code	Ø (mm)	Blade (mm)	Equipment H / W
70246 20865	5450246 151921	300	20	10/2,8
70246 20870	5450246 151938	300	25,4	10/2,8
70246 20871	5450246 151945	350	20	10/2,8
70246 20872	5450246 151952	350	25,4	10/2,8
70246 20873	5450246 151969	400	25,4	10/3,1
70246 20874	5450246 151976	450	25,4	10/3,1

## PICTOGRAMS for CLIPPER machines

- |  |                               |
|--|-------------------------------|
| Electric Angle Grinder (ø 105-230mm)   | Handdrill                     |
| Petrol Hand Held Saw (ø 300-400mm)     | Core Drill Rig                |
| Tile Saw (ø 180-250mm)                 | Portable Hand Held Core Drill |
| Masonry Table Saw (ø 300-600mm)        | Mechanical Power Float        |
| Large Masonry Block Saw (ø 650-1000mm) | Grinding Machine              |
| Floor Saw (ø 300-1200mm)               | Wall Saw                      |
| For dry cutting                        | For wet cutting               |

# The CLIPPER Solutions Diamond Tools

*clipper*®





# DIAMOND TOOLS



## Concrete & Concrete Products

	Duo Extreme	★★★★★	20
	Super Beton Evo	★★★★☆	21
	Classic Beton	★★★☆☆	21
	ZDH DUO	★★★★☆	22
	ZDH 500	★★★★☆	22
	Ring BETON <b>NEW</b>	★★★★☆	22
	CC Pro	★★★★☆	23
	CC 50541 Y	★★★★☆	23
	Avantis 10	★★★★☆	24
	WS Classic	★★★☆☆	24

## Multi - Bore Accessory

	Quickfix		25
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*Silencio*

## Silent Diamond Blade

	Silencio <b>NEW</b>	★★★★★	26
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## Building Materials

	Euro ZML Evo	★★★★☆	28
	Classic Laser	★★★★☆☆	29
	Classic Uni	★★★★☆☆	29
	Aero Jet Evo	★★★★★	30
	Euro Jet	★★★★☆	31
	Classic Jet	★★★★☆☆	31
	FMD Duo	★★★★★	32
	ALFA	★★★★☆	33
	BS 10	★★★★★	34
	BS U	★★★★☆	34
	BS 7	★★★★☆☆	34
	TP	★★★★☆	35
	TP - V	★★★★☆	35
	Ring UNI <b>NEW</b>	★★★★☆	35
	CG 2	★★★★★	36
	CG Turbo	★★★★☆	36
	CG Slant	★★★★☆☆	36

## Aluminium Flange **NEW**

	Aero Jet Evo	★★★★★	55
	Granit Turbo Laser	★★★★☆	55
	Classic Jet	★★★★☆☆	55
	Classic Laser	★★★★☆☆	55

## Refractory Materials

	ZDH 500	★★★★☆	56
	RC 465	★★★★☆	56
	ZDM 200	★★★★☆	56
	ZMD 944T	★★★★☆	56



### Multi - Purpose

	4x4 Explorer	38
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### Asphalt & Abrasive Materials

	Duo Asphalt	★★★★★	40
	Super Asphalt Evo	★★★★☆	41
	Classic Asphalt	★★★★☆☆	41
	AC Pro	★★★★☆	42
	DA 1000	★★★★☆	42
	M45 Evo	★★★★☆	42



### Tiles & Natural Stones

	Super Gres XT	★★★★★	44
	MD 110 CD	★★★★☆	45
	Classic Ceram	★★★★☆☆	45
	Marmo Pro	★★★★☆	46
	Ceram XJ <b>NEW</b>	★★★★★	47
	MD 120 C	★★★★☆	47
	Classic Ceram XT	★★★★☆☆	47
	Duo Granit	★★★★★	48
	Granito	★★★★☆	49
	Super Granito	★★★★☆☆	49
	Granit Turbo Laser	★★★★☆	50
	Super Stradalit Evo	★★★★☆	51
	Pro Stone <b>NEW</b>	★★★★☆	51
	Pro Glass	★★★★☆	52
	TilerKit	★★★★☆	53
	Diamond Tile Drills	★★★★☆	54

### Core Bits

	Portable drilling core bits	105
	Dry core bit sets	106
	Wet drilling core bits	110

### Other Tools

	Grinding Diamond Tools	129
	Polishing Diamond Tools	129
	Thin Wheels	132
	Coated Abrasives	136



# DUO EXTREME

★★★★★  
Dynamic

∅ 115-400



★LASER



Picture : ∅300mm blade.



It's called EXTREME for many reasons ...



## Features

Up to 15mm segment height.

Unique segment design.

Exclusive "Arrow" shaped gullet slots.

Duo concept : two trapezoidal segments.

Laser welded segments.

## Benefits

- Exceptionally long life.

- Optimises the angle of attack and removal of cutting debris
- Very fast cutting.
- Extreme comfort.

- Fast removal of cutting debris.
- Permanently indicates the correct direction of rotation.

- Excellent cutting speed.
- High comfort of cut and low vibration.

- Optimum safety against segment lost.

**Quickfix**

Learn more about the Quickfix system on page 25.



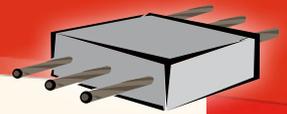
DUO EXTREME 230mm



DUO EXTREME 300mm



DUO EXTREME 350mm on a CS451 (see page 91)

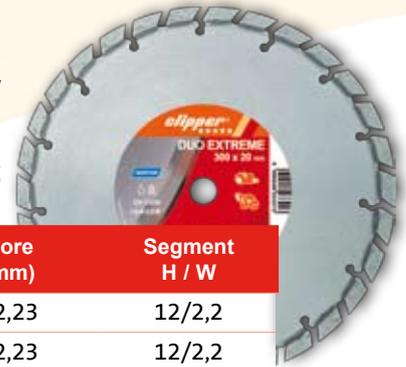


★★★★★  
Dynamic

## DUO EXTREME

UNIQUE laser welded blade suitable for a wide range of MATERIALS. Due to its innovative design, the DUO Extreme is EASY TO USE, extremely FAST CUTTING and guarantees an ACCURATE CUT and LONG LIFE. Ideal for all high speed saws, masonry saw benches and floor saws up to 13Hp.

Application : concrete, reinforced concrete, hard materials and general building materials.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 11964	5450248 204312	115	22,23	12/2,2
701846 11965	5450248 204329	125	22,23	12/2,2
701846 11966	5450248 204336	180	22,23	12/2,5
701846 24576	5450248 238096	230	22,23	15/2,8
701846 24578	5450248 238119	300	20	12/2,8
701846 24571	5450248 237419	300	25,4	12/2,8
701846 24579	5450248 238126	350	20	12/2,8
701846 24580	5450248 238133	350	25,4	12/2,8
701846 25074	5450248 241058	400	25,4	12/3,2

★★★★★☆  
Pro

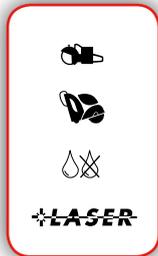
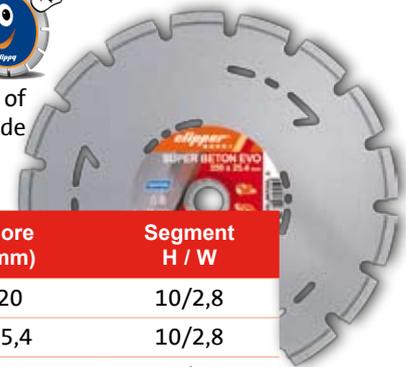
## SUPER BETON EVO

With depth of cut and direction of rotation indicator up to 350mm.



Very good value for money laser welded blade for intensive use on a wide range of construction materials (dry or wet cutting). Featuring patented DEPTH INDICATOR for blade life monitoring and indication of cutting direction (up to diameter 350mm).

Application : concrete, reinforced concrete and general building materials.



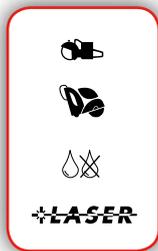
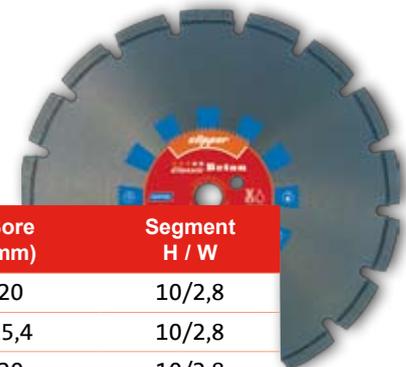
Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 11453	5450248 185123	300	20	10/2,8
701846 11455	5450248 185147	300	25,4	10/2,8
701846 11456	5450248 185154	350	20	10/2,8
701846 11458	5450248 185178	350	25,4	10/2,8
701846 11459	5450248 185185	400	20	10/3,2
701846 11460	5450248 185192	400	25,4	10/3,2
701846 11461	5450248 185208	450	25,4	10/3,2
701846 11981	5450248 204374	500	25,4	7/3,8
701846 11982	5450248 204381	600	25,4	10/4,4

★★★★☆  
Classic

## CLASSIC BETON

Good value for money laser welded blade for dry or wet cutting.

Application : concrete and general purpose building materials.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 26869	5450248 353621	300	20	10/2,8
701846 26870	5450248 353638	300	25,4	10/2,8
701846 26871	5450248 353645	350	20	10/2,8
701846 26872	5450248 353652	350	25,4	10/2,8
701846 26873	5450248 353669	400	25,4	10/3,2
701846 26874	5450248 353676	450	25,4	10/3,2



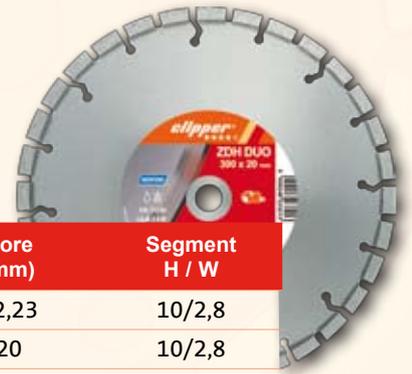
★★★★☆  
Pro

## ZDH DUO

High performance blade for concrete and general building materials. Featuring the Duo concept : 2 trapezoidal segments for high cutting speed and comfort.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 12117	5450248 210498	230	22,23	10/2,8
701846 12268	5450248 218586	300	20	10/2,8
701846 12271	5450248 218647	350	20	10/2,8
701846 12273	5450248 218661	350	25,4	10/2,8
701846 20340	5450248 299486	400	20	10/3,2



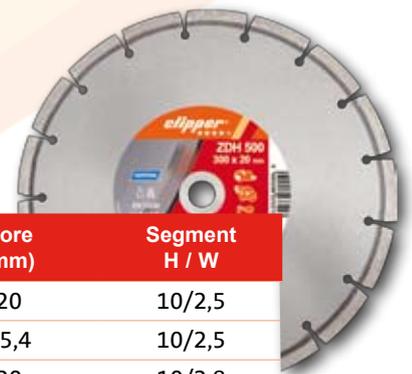
★★★★☆  
Pro

## ZDH 500

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. High performance blade, designed for concrete, and medium to hard refractory materials. Application : concrete, reinforced concrete, concrete slabs, refractory blocks containing aluminium oxides.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 27058	5450248 372554	300	20	10/2,5
701846 27059	5450248 372561	300	25,4	10/2,5
701846 27060	5450248 372578	350	20	10/2,8
701846 27061	5450248 372585	350	25,4	10/2,8
701846 27062	5450248 372592	400	25,4	10/3,2
701846 27063	5450248 372608	450	25,4	10/3,2
701846 27064	5450248 372615	500	25,4	10/3,8
701846 27065	5450248 372622	600	25,4	10/4,4



★★★★☆  
Pro

## RING BETON

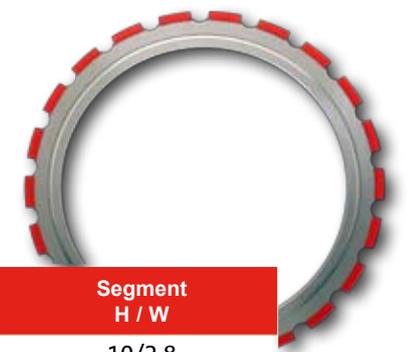


Special laser-welded ring blades for all petrol or hydraulic ring saws. With 10mm segment height for a long life and coloured segments for clear identification of the material to cut.

Application : concrete and re-inforced concrete. For use on K3600 and K950 ring saws.



Item No	EAN 13 Code	Ø (mm)	Segment H / W
701846 29960	5450248 408536	350	10/2,8



See also RING UNI for general purpose building materials on page 35 !



## CC PRO

Pro

Specifically for use on floor saws 20 to 65 Hp.



High performance blade for deep cutting cured reinforced concrete floors and pavements. Specifically designed for PROFESSIONAL use on floor saws with 20 to 65 Hp (wet cutting).

Application : concrete and reinforced concrete.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 24134	5450248 239833	400	25,4	10/3,2
701846 24136	5450248 239864	450	25,4	10/3,2
701846 24143	5450248 239932	500	25,4	10/3,8
701846 24137	5450248 239871	600	25,4	10/3,8
701846 24856	5450248 239987	600	35/25,4	10/4,4
701846 24857	5450248 239994	700	35/25,4	10/4,4
701846 24858	5450248 240006	800	35/25,4	10/4,4
701846 24859	5450248 240013	900	35/25,4	10/4,4



## CC 50541Y - LOOP CUTTING

Pro

Concrete looping blade with 6mm and 10mm wide segments for SIGNAL CABLE INSTALLATION.

Application : concrete, reinforced concrete.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 10187	5450248 161325	350	25,4	5/6
701846 10180	5450248 003595	350	25,4	5/10
701846 10186	5450248 004059	400	25,4	5/10



## CC 50541Y - BEVEL

Pro

Concrete blade with special triangular segments, designed for the cut of EXPANSION JOINTS in concrete floors and surfaces.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 10178	5450248 003137	350	25,4	5/5,5





## AVANTIS 10

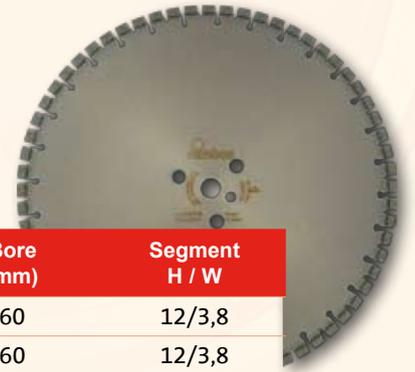
Pro

High performance laser welded wall saw blade with 12mm high segments for LONG LIFE (wet cutting). Features "SANDWICH" segments for straight cutting and to protect side-clearance, and short segments for VERY FAST cutting. Especially designed for wall saws up to 15 kW (electric or hydraulic). Also suitable for electric floor saws and block saws.

Application : concrete and reinforced concrete.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 22332	5450248 319283	600	60	12/3,8
701846 23316	5450248 328537	650	60	12/3,8
701846 22336	5450248 319344	700	60	12/3,8
701846 23322	5450248 328599	750	25,4	12/3,8
701846 22340	5450248 319382	800	60	12/4,6
701846 22347	5450248 319467	900	60	12/4,6
701846 22467	5450248 320661	1000	60	12/4,6
701846 22468	5450248 320678	1200	60	12/4,6



## WS CLASSIC

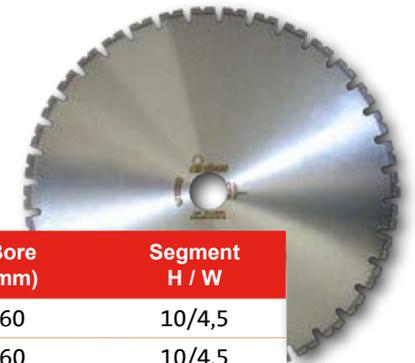
Classic

Very good value for money laser welded wall saw blade with 10mm high segments and "split" segments for fast cutting (wet cutting). Especially designed for wall saws up to 10 kW. Also suitable for electric floor saws and block saws.

Application : concrete and reinforced concrete.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 26225	5450248 392927	600	60	10/4,5
701846 26228	5450248 392958	800	60	10/4,5
701846 26230	5450248 392972	900	60	10/4,5
701846 26232	5450248 392996	1000	60	10/4,5

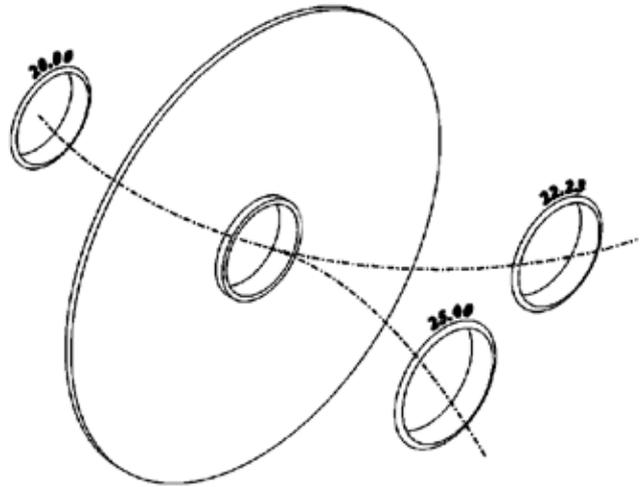


“ Have the same blade running on a floor saw and on a petrol handheld saw ! ”

# Quickfix



Diamond blades can be used on different saws with different arbor diameters and by using the NORTON PATENTED “Quickfix” mounting system which allows quick adaptation of the bore holes.



## Quickfix

The system allows for blades bore to be adjusted 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.



Code SAP	Code EAN 13	Bore of blade (mm)	Bore of machine (mm)
701846 23894	5450248 236528	25,4	22,23
701846 22589	5450248 233176	25,4/22,23	20

## SILENCIO

★★★★★  
Dynamic

∅ 230-500


**LASER**



Picture: ∅350mm blade.



The new generation of silent diamond blades !



Features	Benefits
<p>Patent-pending offset gullets* prevent air from flowing through the steel-centre gullets.</p>	<ul style="list-style-type: none"> <li>The blade does not whistle at all while running idle, for a much better comfort of the operator and the surrounding area.</li> </ul>
<p>Sandwich steel-center with newly developed absorbing material.</p>	<ul style="list-style-type: none"> <li>The Norton Silencio features unprecedented noise-dampening effect, reaching reductions of <b>up to 15dB – 30 times less noise !!</b></li> </ul>
<p>Up to 17mm high segments, with a bespoke specification for each different application.</p>	<ul style="list-style-type: none"> <li>The Norton Silencio is among the best cutting Clipper diamond blades. Select the blade specifically designed for your machine type to get the best cutting performance.</li> </ul>

\* on masonry and floor saws versions.

**Quickfix**  
Learn more about the Quickfix system on page 25.



SILENCIO 230mm



SILENCIO 300mm on a CM501 (see page 80)



SILENCIO 350mm on a CS451 (see page 91)



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

The use of silent diamond blades has become ever more relevant since they can drastically reduce the sound generated directly at the job site.

The new laser-welded NORTON SILENCIO features a new technology that provides unprecedented noise-dampening effect, reaching reductions of **up to 15dB – 30 times less noise !**



A whistle noise is generated when a blade is spinning because of the air flowing through the gullets. The “whistling” is totally eliminated when using the **NORTON SILENCIO**. Our new **patent-pending** design prevents any air flow inside the steel-centre gullets and completely cancels out the whistling effect.



Two complementary dampening technologies make the NORTON SILENCIO especially efficient in reducing the high-frequency noise, with reduction of the total noise level by up to 15 dB(A), and up to 25 dB(A) in some frequency ranges.

**Silencio**  
- 15 dB(A)

**30x LESS NOISE**

With up to 17mm high segments and a bespoke specification for each application, NORTON SILENCIO displays the **best cutting performance** in the NORTON CLIPPER diamond blade range.

★★★★★  
Dynamic

## SILENCIO

The NORTON SILENCIO is available in three different specifications : angle grinder, petrol handheld saws, floor saws and masonry saws.

The newly developed 15mm and 17mm segmented blades are fine-tuned to achieve the best cutting performance, the longest life and the greatest noise-dampening effect whilst taking into account the specific requirements of each cutting application.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / T
<b>For Angle Grinder :</b>				
701846 30308	5450248 414292	230	22,23	17/2,8
<b>For Petrol Hand Held Saw :</b>				
701846 29000	5450248 398226	300	20	15/3,1
701846 28999	5450248 398219	350	25,4	15/3,1
<b>For Floor Saw :</b>				
701846 28997	5450248 398196	350	25,4	15/3,1
701846 31020	5450248 450597	450	25,4	15/3,2
701846 30416	5450248 440901	500	25,4	15/3,2
<b>For Masonry Saw :</b>				
701846 28998	5450248 398202	350	25,4	15/3,1
701846 30309	5450248 414155	500	25,4	15/3,2





# EURO ZML EVO

★★★★★  
Pro

∅ 105-500



★LASER



Picture: ∅230mm blade.



An excellent all-round diamond blade for a wide range of building materials.



Features	Benefits
12mm segment height.	• Long life.
Diamond shaped gullet slots.	• Fast removal of cutting debris.
Perforated steel core (on ∅230mm).	• Reduces heat and cools the core. • Perfect for intensive use.
High grade diamond grits and new metal bond generation.	• High speed of cut for a wide range of materials.
Laser welded segments.	• Optimum safety against segment lost.

**Quickfix**  
Learn more about the Quickfix system on page 25.



EURO ZML 230mm



EURO ZML 300mm



EURO ZML 350mm on a CM501 (see page 80)

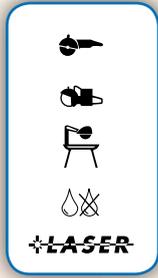
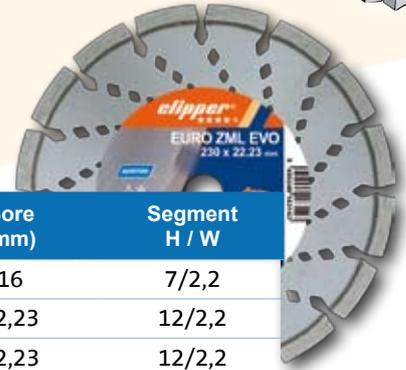


## EURO ZML EVO

Pro

Excellent Value for money FAST CUTTING general purpose laser blade with 12mm high segments for LONG LIFE (dry or wet). Features UNIQUE DIAMOND SHAPE holes and gullets in 230mm for increased cooling and intensive use.

Application : concrete slabs and general purpose building materials.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 11127	5450248 170884	105	16	7/2,2
701846 24738	5450248 341031	115	22,23	12/2,2
701846 24739	5450248 341048	125	22,23	12/2,2
701846 25562	5450248 346333	150	22,23	12/2,2
701846 25563	5450248 346357	180	22,23	12/2,5
701846 25564	5450248 346364	180	30/2H	10/2,5
701846 11396	5450248 183143	230	22,23	12/2,5
701846 22225	5450248 233190	300	20	12/2,8
701846 22314	5450248 233213	300	25,4	12/2,8
701846 22315	5450248 233220	350	20	12/2,8
701846 22227	5450248 233237	350	25,4	12/2,8
701846 25951	5450248 347996	400	25,4	12/3,2
701846 25952	5450248 348009	450	25,4	10/3,2
701846 25953	5450248 348016	500	25,4	10/3,2

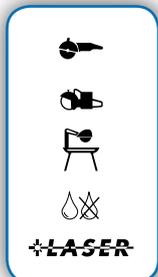
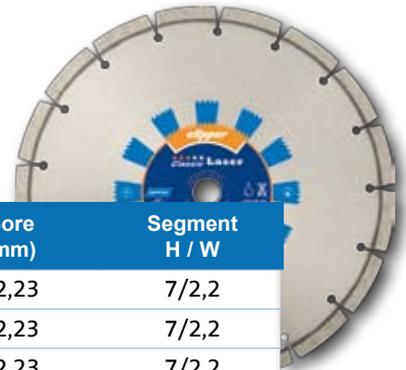


## CLASSIC LASER

Classic

Good value for money laser welded diamond blade for dry or wet cutting.

Application : general purpose building materials.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 26834	5450248 353409	115	22,23	7/2,2
701846 26835	5450248 353416	125	22,23	7/2,2
701846 26836	5450248 353423	150	22,23	7/2,2
701846 26837	5450248 353447	180	22,23	7/2,5
701846 26838	5450248 353454	230	22,23	10/2,5
701846 26839	5450248 353461	300	20	10/2,5
701846 26840	5450248 353478	300	25,4	10/2,5
701846 26841	5450248 353485	350	20	10/2,8
701846 26842	5450248 353492	350	25,4	10/2,8

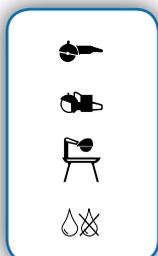
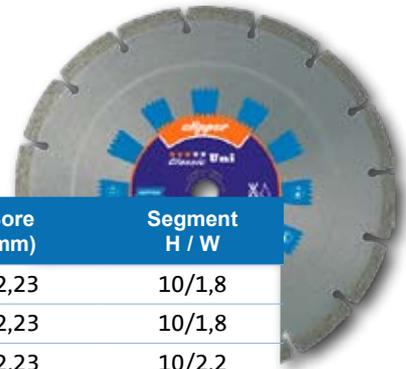


## CLASSIC UNI

Classic

Value for money sintered blade for dry or wet cutting.

Application : general purpose building materials.



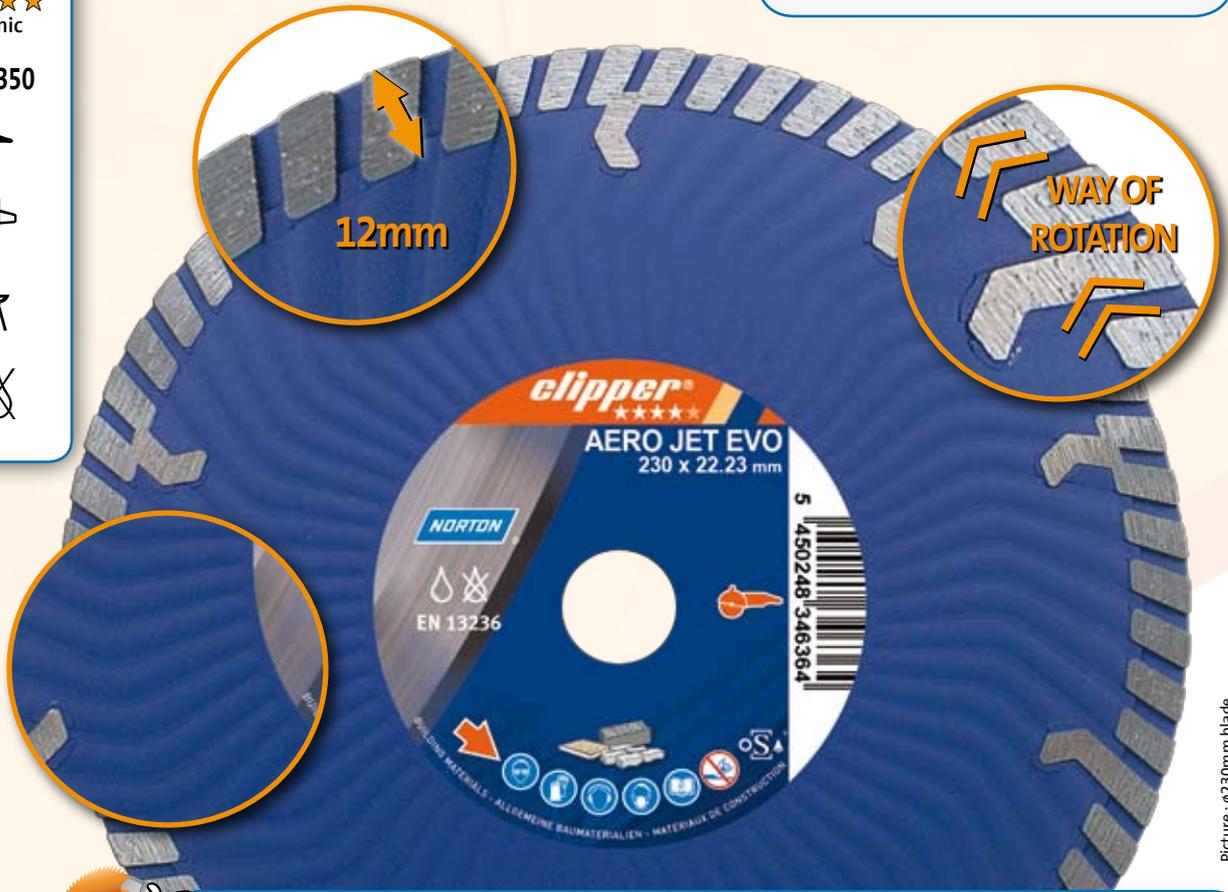
Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 26806	5450248 353096	115	22,23	10/1,8
701846 26807	5450248 353102	125	22,23	10/1,8
701846 26809	5450248 353126	180	22,23	10/2,2
701846 26810	5450248 353133	230	22,23	10/2,4
701846 26811	5450248 353157	300	20	10/3,0
701846 26813	5450248 353171	350	25,4	10/3,2



# AERO JET EVO

★★★★★  
Dynamic

∅ 115-350



Picture : ∅230mm blade.



When performance meets design...



## Features

12mm impregnated diamond.

Arrow shaped drop down protection segments.

Ventilated waved steel centre.

Corrugated continuous rim with premium specification.

## Benefits

- Very long life.

- Steel core protection for reduced wear.

- Segments indicate the correct direction of rotation.

- Reduces heat which helps blade rigidity during dry cutting.

- Smooth cutting, easy of use and high quality of the finished cut in a very wide range of materials.

**Quickfix**

Learn more about the Quickfix system on page 25.



AERO JET 230mm



AERO JET 300mm



AERO JET 350mm on a CM41 (see page 73)

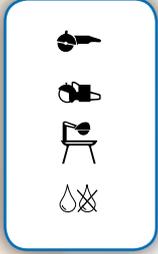


## AERO JET EVO

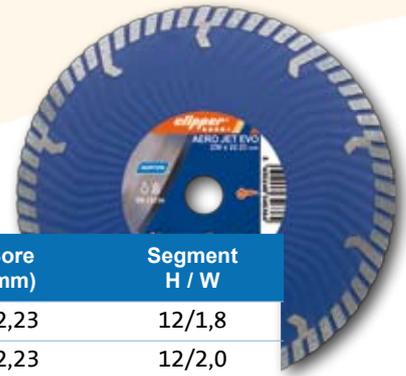
Dynamic

Excellent Value for money FAST CUTTING continuous rimmed blade with 12mm high rim for LONG LIFE (dry or wet). Features EXCLUSIVE ARROW SHAPE PROTECTION inserts for straight cuts, cutting direction indication, and a waved steel core for better cooling and intensive use.

Application : very wide range of medium-hard to hard construction materials, block paviors, granite, marble, natural stone, roof tiles and hard tiles.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 23598	5450248 236863	115	22,23	12/1,8
701846 23599	5450248 330868	125	22,23	12/2,0
701846 11501	5450248 186465	180	22,23	12/2,5
701846 23180	5450248 234692	230	22,23	12/2,8
701846 11230	5450248 174042	300	20	12/2,8
701846 11236	5450248 174417	300	25,4	12/2,8
701846 11427	5450248 183907	350	20	12/3,2
701846 11561	5450248 186960	350	25,4	12/3,2

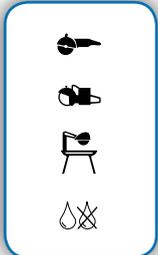


## EURO JET

Pro

Good value for money continuous rimmed blade with 12mm high rim for dry or wet cutting in general purpose materials and stone. Features strong REINFORCEMENT FLANGES around the bore to ensure rigidity and STRAIGHT CUTTING under most demanding conditions.

Application : tiles, bricks, terracotta tile, clay roof tiles, block paviors, natural stone.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 10314	5450248 007616	115	22,23	12/2,1
701846 10315	5450248 007623	125	22,23	12/2,1
701846 10316	5450248 007630	150	22,23	12/2,5
701846 10317	5450248 007647	180	22,23	12/2,5
701846 10267	5450248 005223	230	22,23	12/2,8
701846 10259	5450248 004905	300	20	12/3,2
701846 10336	5450248 008002	350	25,4	12/3,2

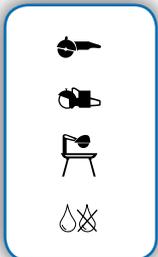


## CLASSIC JET

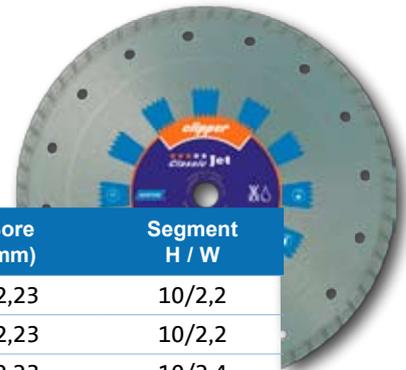
Classic

Value for money continuous rimmed blade for dry or wet cutting.

Application : tiles, bricks, terracotta tiles, block paviors.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 26814	5450248 353188	115	22,23	10/2,2
701846 26815	5450248 353195	125	22,23	10/2,2
701846 26816	5450248 353201	180	22,23	10/2,4
701846 26818	5450248 353225	230	22,23	10/2,6
701846 26822	5450248 353263	300	20	10/3,2
701846 26823	5450248 353287	350	20	10/3,2
701846 26824	5450248 353294	350	25,4	10/3,2





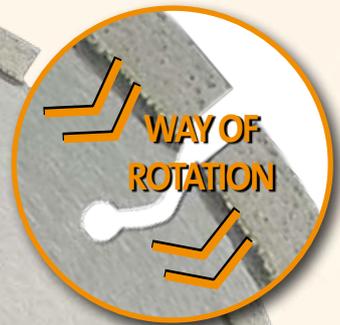
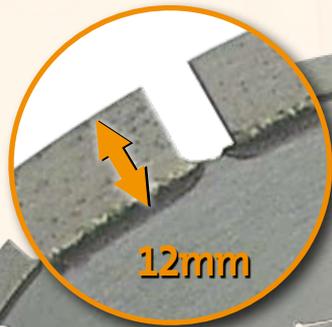
# FMD DUO

★★★★★  
Dynamic

∅ 300-500



✦LASER



Picture : ∅350mm blade.



Treat your masonry saw with the best...



Features	Benefits
12mm segment height.	• Extreme long life.
Duo concept : two trapezoidal segments per land.	• Excellent cutting speed • High comfort of cut • Low vibration
Exclusive "Arrow" shaped gullet slots.	• Fast removal of cutting debris • Permanently indicates the correct direction of rotation
Differentiated steel center with "Duo" cuts.	• Reduces heat and cools the core • Exclusive design by CLIPPER.
Laser welded segments.	• Optimum safety against segment lost.



FMD DUO



FMD DUO on a CM41 (see page 73)



FMD DUO on a CM401 (see page 77)



★★★★★ **FMD DUO**

Dynamic

A blade specifically developed for use on masonry bench saws.



Excellent value for money laser welded blades specifically designed for wet or dry cutting on masonry saws. Duo concept segments for VERY FAST cutting, and 12mm high segments for LONG LIFE. Differentiated steel center with Duo laser-cuts.

Application : wide range of house building materials, from soft to hard.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 12282	5450248 218777	300*	30/25,4	12/2,8
701846 12283	5450248 218784	350*	30/25,4	12/2,8
701846 11438	5450248 184782	400	25,4	10/3,2
701846 11439	5450248 184799	450	25,4	10/3,2
701846 11440	5450248 184805	500	25,4	7/3,8

\* Special DUO-Shape segments and Duo laser-cuts only for 300-350mm diameter blades.

★★★★☆ **ALFA**

Pro

Good value for money FAST CUTTING general purpose laser blade with 10mm high segments for LONG LIFE (dry or wet).

Application : concrete slabs and general purpose building materials.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 11208	5450248 173229	300	25,4	8/2,5
701846 11209	5450248 173236	350	25,4	10/2,8
701846 10679	5450248 015277	400	25,4	7/2,5



## BS 10

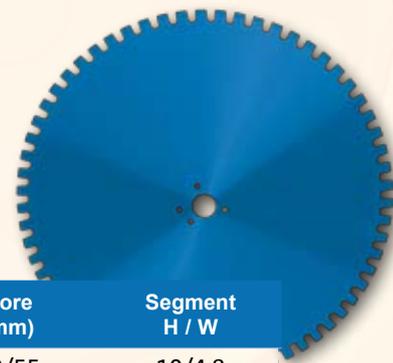
Dynamic

Especially designed for Jumbo type machines. Premium blade with 10mm high brazed segments for long life and short segments for fast cutting (wet cutting).

Application : construction materials, lightweight blocks, Poroton and man-made sandstone blocks.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 20424	5450248 235040	900	60/55	10/4,8



## BS U

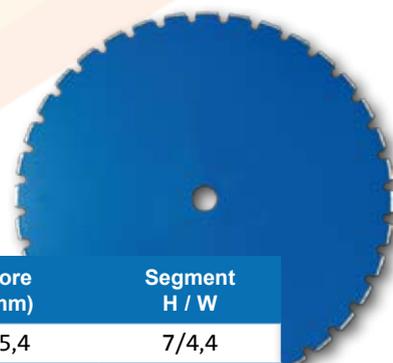
Pro

The "reference" Jumbo blade for years ! Excellent value for money blade with brazed segments for wet cutting. Features patented Seeded-Gel (SG) in the segments for reduced wear, extended life and intensive jobs.

Application : construction materials, lightweight blocks, Poroton and man-made sandstone blocks.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 20425	5450248 231745	650	25,4	7/4,4
701846 20426	5450248 235668	700	60/55	7/4,4
701846 20427	5450248 231752	900	60/55	7/4,4
701846 10745	5450248 131809	1000	60/55	7/4,8



## BS 7

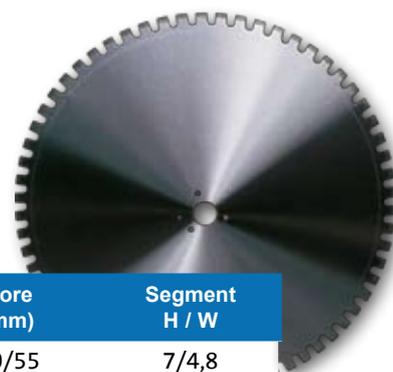
Classic

Good value for money blade with brazed segments for wet cutting. Short segment design to provide fast cutting with JUMBO machines.

Application : construction materials and lightweight blocks.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 20428	5450248 230786	900	60/55	7/4,8



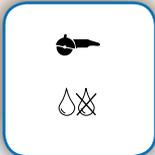


★★★★☆  
Pro

## TP MORTAR RAKER

Good value for money mortar raker with brazed segments. The mortar rakers have special THICKER SEGMENTS adapted to the mortar joints thickness. The hard-metal protection inserts prevent under-cutting of the steel-center and contribute to getting the longest life.

Application : removal of mortar joints between bricks, natural stone blocks or facing bricks.

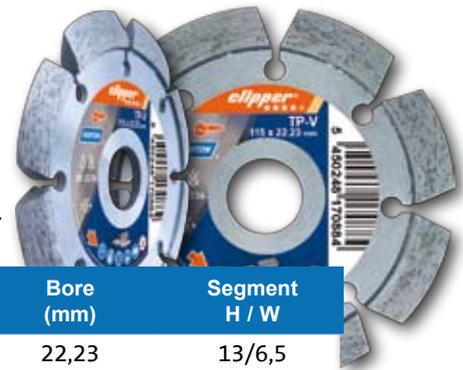


Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 10712	5450248 047063	115	22,23	6,5/4,5
701846 10713	5450248 047070	125	22,23	6,5/4,5
701846 10305	5450248 006466	115	22,23	6,5/6,5
701846 10307	5450248 006534	125	22,23	6,5/6,5
701846 10715	5450248 047094	115	22,23	6,5/8,0
701846 10716	5450248 047100	125	22,23	6,5/8,0

★★★★☆  
Pro

## TP-V CRACK-CHASER

Special tool for the REPAIR OF CRACKS in floors and walls. The V-shape segments widen the crack in-depth and allow the repair with mortar. Application : concrete floors and walls, masonry walls, plaster boards.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 24198	5450248 235477	115	22,23	13/6,5
701846 24199	5450248 235484	125	22,23	13/6,5

★★★★☆  
Pro

## RING UNI



Special laser-welded ring blades for all petrol or hydraulic ring saws. With 10mm segment height for a long life and coloured segments for clear identification of the material to cut.

Application : general purpose building materials.



Item No	EAN 13 Code	Ø (mm)	Segment H / W
701846 29961	5450248 408543	350	10/2,8



See also RING BETON for reinforced concrete on page 22 !

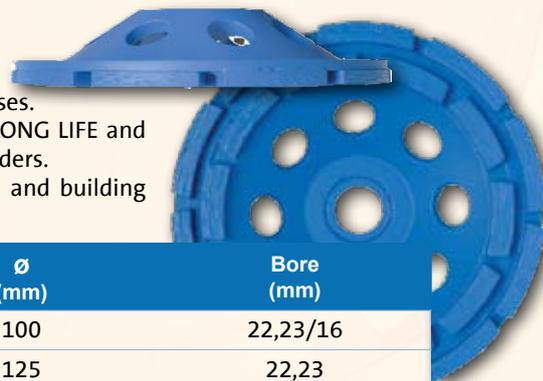


Dynamic

## CG2

Diamond grinding wheels for concrete repair work and dry grinding purposes. The double row of segments allows FAST removal, ACCURATE grinding, LONG LIFE and PERFECT FINISH. The "flat" version in 125mm is suitable to all vacuum grinders.

Application : for the fast rectification of surface defects in construction and building materials (concrete, bricks, natural stone, etc.).



Item No	EAN 13 Code	Ø (mm)	Bore (mm)
701846 10268	5450248 005247	100	22,23/16
701846 10363	5450248 008811	125	22,23
701846 10270	5450248 005261	180	22,23
701846 11096	5450248 169154	125 FLAT	22,23

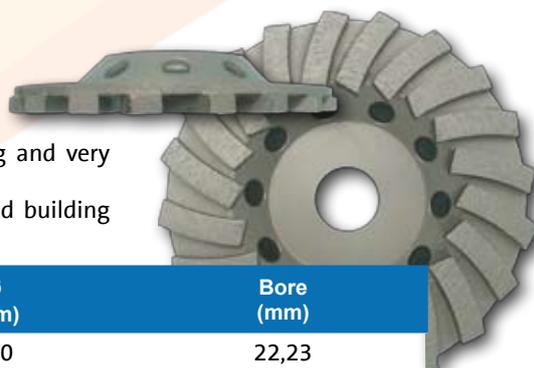


Pro

## CG TURBO

Diamond grinding wheels for concrete repair work and dry grinding purposes. The "turbo-segment" geometry allows FASTER removal, ACCURATE grinding and very good finishing.

Application : for the fast rectification of surface defects in construction and building materials (concrete, bricks, natural stone, etc.).



Item No	EAN 13 Code	Ø (mm)	Bore (mm)
701846 24195	5450248 235453	100	22,23
701846 23037	5450248 234685	125	22,23
701846 24197	5450248 235460	180	22,23

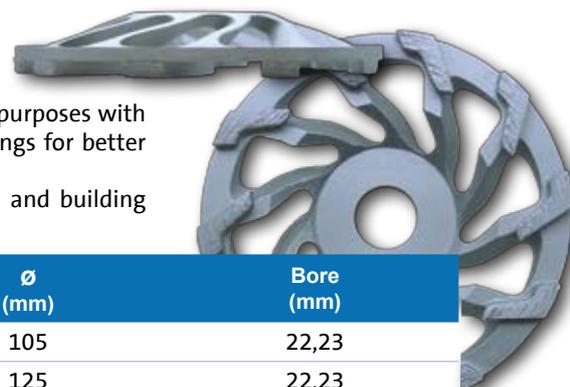


Classic

## CG SLANT

FLAT diamond grinding wheels for concrete repair work and dry grinding purposes with angle grinders and vacuum grinders. Special steel body with large openings for better cooling and dust extraction. Also light weight.

Application : for the fast rectification of surface defects in construction and building materials (concrete, bricks, etc.).



Item No	EAN 13 Code	Ø (mm)	Bore (mm)
701846 24781	5450248 238447	105	22,23
701846 23049	5450248 235439	125	22,23
701846 24760	5450248 238461	150	22,23/19
701846 24782	5450248 238454	180	22,23



*Cup grinder on use on CG125 grinding machine.*

You can use the CG125 fitted with a Norton cup grinder to grind the edges of a surface. CG125 has a special safety guard that allows the grinding of the floor even in the corners with the wall.



See the CG125 on page 124 !

# 4x4 EXPLORER

∅ 115-450



\*LASER



Picture: ∅300mm blade.



The real versatile diamond blade, also for steel cutting with a concentration of innovation.



Features	Benefits
10mm segment height.	• Long life.
High performance segment design.	• Very versatile blade designed to cut a wide range of construction materials (concrete, asphalt, granite...).
Patented ellipsoidal gullets	• Outstanding resistance to cracks for safe cut in steel and metal (up to 5mm thick).
Patented depth of cut indicator with stroboscopic effect.	• Depth control allowing life increase. • Direction of rotation is permanently marked.
Laser welded segments	• Optimum safety against segment lost.

**Quickfix**  
Learn more about the Quickfix system on page 25.



4x4 EXPLORER 230mm



4x4 EXPLORER 300mm



4x4 EXPLORER 350mm on a CS451 (see page 91)

Whatever the type of machine you have or material to be cut, there is a product in the 4x4 EXPLORER range to meet your requirements – 115 to 450mm.

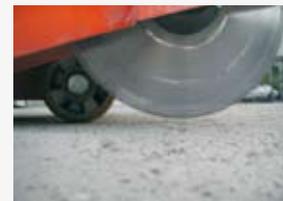


### NORTON's patented depth of cut indicator

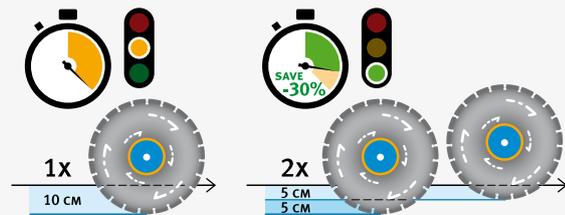
The depth of cut is easily controlled. The steel centre is permanently marked with patented laser cut slots that combine the direction of rotation and depth indicators. When the blade revolves the depth of cut can be seen through the stroboscope effect. This allows the operator to work faster because the depth of cut is controlled and blade life increases because over cutting is eliminated.



Direction of rotation



Depth of cut indicator



Improvement in performance due to depth controlled of cut indicator effect.



5cm



10cm

The depth of cut is through the stroboscope on the revolving blade

## 4x4 EXPLORER

MULTIPURPOSE and VERSATILE laser welded segments for dry or wet cutting. High performance diamond blade, giving LONG LIFE and HIGH SPEED cutting in a wide range of construction materials. Featuring patented DEPTH INDICATOR for blade life monitoring and indication of cutting direction, and ANTI-CRACKS gullets for enhanced safety.

Application : concrete pavement, reinforced concrete, granite, asphalt and metals up to a 5mm thickness.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 25307	5450248 345329	115	22,23	10/2,2
701846 25308	5450248 345336	125	22,23	10/2,2
701846 23858	5450248 234920	230	22,23	10/2,5
701846 22936	5450248 234029	300	20	10/2,8
701846 22937	5450248 234036	300	25,4	10/2,8
701846 22938	5450248 234012	350	20	10/3,0
701846 22939	5450248 234715	350	25,4	10/3,0
701846 23897	5450248 333357	400	20	10/3,2
701846 23899	5450248 333371	400	25,4	10/3,2
701846 25430	5450248 345794	450	25,4	10/3,2



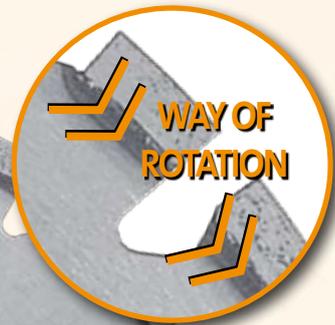
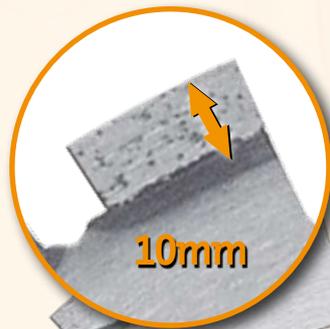
# DUO ASPHALT

★★★★★  
Dynamic

∅ 300-450



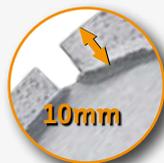
**LASER**



Picture : ∅350mm blade.



The leading performance with the best undercutting protection.



## Features

## Benefits

10mm segment height.

- Exceptionally long life.

Patented depth of cut indicator with stroboscope effect.

- Depth control allowing life increase.
- Direction of rotation permanently marked.

8 high wear protection segments.

- Extreme protection of the steel center from under-cutting.
- Extended life.

Duo concept : two trapezoidal segments.

- Excellent cutting speed and low vibration.
- High confort of cut.

Exclusive "Arrow" shaped.

- Fast removal of cutting debris.

Wide gullet slot.

- Permanently indicates the correct direction of rotation.



**Quickfix**

Learn more about the Quickfix system on page 25.



DUO ASPHALT 300mm



DUO ASPHALT 350mm



DUO ASPHALT 350mm on a CS451 (see page 91)

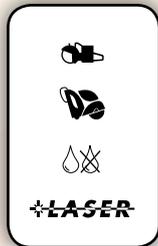


## DUO ASPHALT

Dynamic

UNIQUE laser welded blade suitable for ASPHALT and ABRASIVE MATERIALS. Due to its innovative design, the DUO Asphalt is EASY TO USE, extremely FAST CUTTING and guarantees an ACCURATE CUT and VERY LONG LIFE. Featuring patented DEPTH INDICATOR for blade life monitoring and indication of cutting direction (up to diameter 450mm). Multiple drop segments for a safer and longer life. Ideal for all high speed saws and floor saws up to 20Hp.

Application : asphalt, asphalt over concrete, green concrete and abrasive building materials.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 24581	5450248 238157	300	20	10/2,8
701846 24572	5450248 237426	300	25,4	10/2,8
701846 24582	5450248 238164	350	20	10/2,8
701846 24583	5450248 238171	350	25,4	10/2,8
701846 25075	5450248 241065	400	20	10/3,2
701846 25577	5450248 346395	400	25,4	10/3,2
701846 25578	5450248 346401	450	25,4	10/2,8



## SUPER ASPHALT EVO

Pro

With depth of cut and direction of rotation indicators up to 450mm.

Very good value for money laser welded blade for intensive use and LONG LIFE in Asphalt and abrasive materials (dry or wet cutting). Featuring patented DEPTH INDICATOR for blade life monitoring and indication of cutting direction (up to diameter 450mm).

Undercutting protection on the steel center thanks to slant segments.

Application : asphalt, asphalt over concrete, green concrete and abrasive building materials.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 23182	5450248 234975	300	20	10/2,8
701846 23184	5450248 234999	300	25,4	10/2,8
701846 23185	5450248 235002	350	20	10/3,2
701846 23186	5450248 235019	350	25,4	10/3,2
701846 28159	5450248 391531	400	25,4	10/3,2
701846 28160	5450248 391548	450	25,4	10/3,2
701846 11979	5450248 204350	500	25,4	10/3,8
701846 11980	5450248 204367	600	25,4	7/3,8



## CLASSIC ASPHALT

Classic

Good value for money laser welded blade for dry or wet cutting.

Application : asphalt, asphalt over concrete, green concrete, abrasive materials and concrete roof tiles.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 26876	5450248 353706	300	20	10/2,5
701846 26877	5450248 353713	300	25,4	10/2,5
701846 26878	5450248 353737	350	20	10/2,8
701846 26879	5450248 353744	350	25,4	10/2,8
701846 26880	5450248 353751	400	25,4	10/3,2
701846 26881	5450248 353768	450	25,4	10/3,2





Pro

## AC PRO

Blades for use on machines with 20 to 65 Hp.



High performance blade for deep cutting asphalt floors and abrasive pavements. Specifically designed for PROFESSIONAL use on floor saws with 20 to 65 Hp (wet cutting). Complete wear protection segments (hammer segments) to help prevent under-cutting of the steel centre.  
Application : asphalt.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 24104	5450248 239758	450	25,4	8/3,2
701846 24105	5450248 239765	500	25,4	8/3,8
701846 24106	5450248 239772	600	25,4	8/3,8
701846 24107	5450248 239789	600	35/25,4	8/4,4
701846 24109	5450248 239802	700	35/25,4	8/4,4
701846 24108	5450248 239796	800	35/25,4	8/4,4
701846 24110	5450248 239819	900	35/25,4	8/4,4



Pro

## DA 1000 - LOOP CUTTING

Wet Cutting Asphalt loop cutting blade. 8 or 10mm wide segments for signal cable installation.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 10293	5450248 006060	350	25,4	5/8
701846 10294	5450248 006077	350	25,4	5/10
701846 10292	5450248 006053	450	25,4	5/10



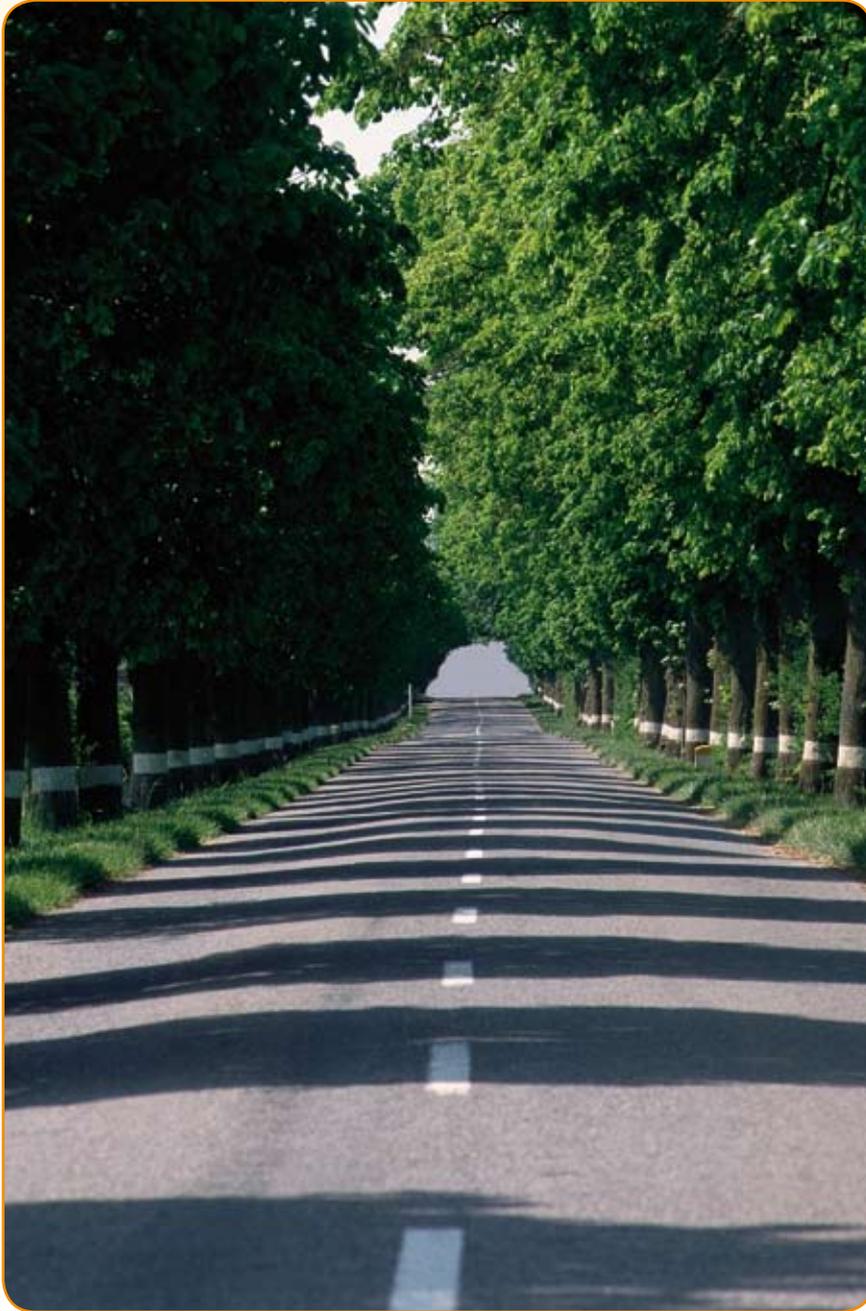
Pro

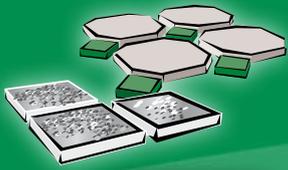
## M45 EVO - GREEN CONCRETE

Laser welded segments for wet cutting. Wear Protection segments to help prevent under-cutting of the steel centre.  
Application : green concrete, Lignacite and Tarmac top blocks.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 24684	5450248 237815	300	25,4	10/2,5
701846 24685	5450248 237822	350	25,4	10/2,8

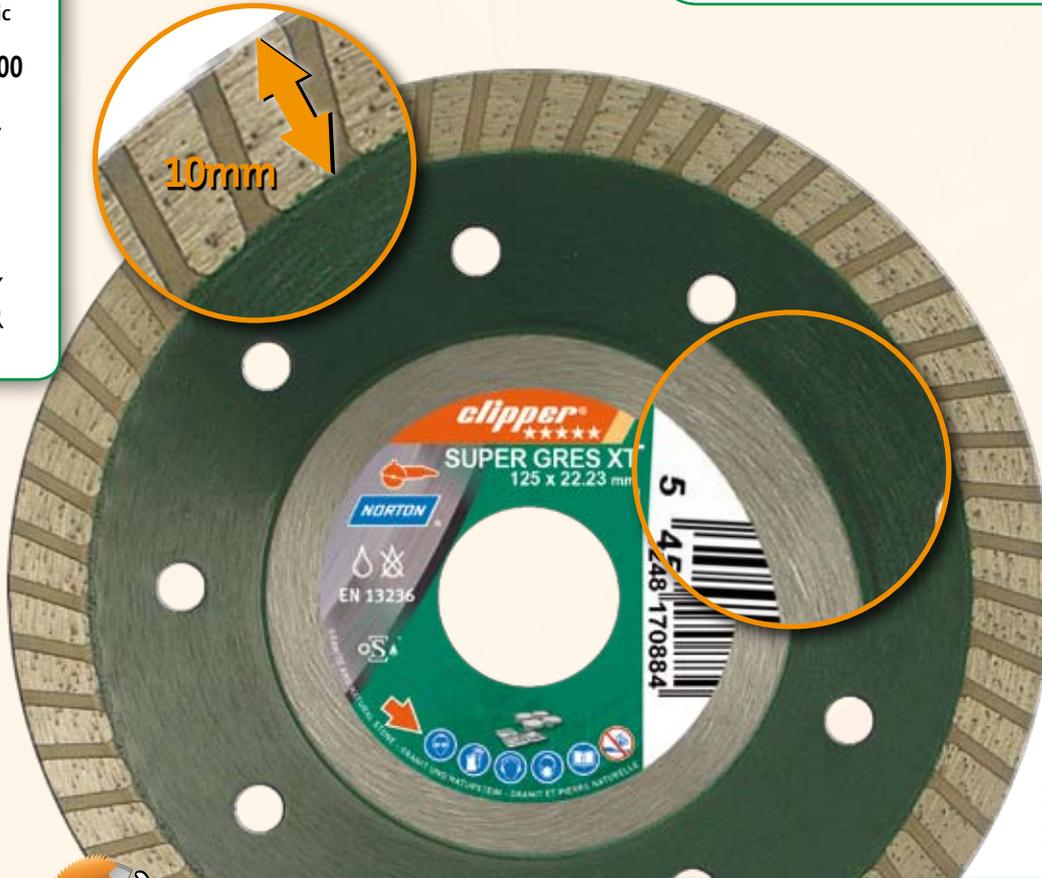
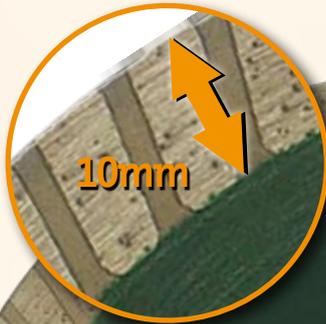




# SUPER GRES XT

★★★★★  
Dynamic

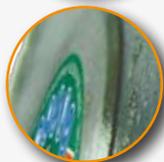
Ø 115-300



Picture : Ø125mm blade.



Quality cutting of hard ceramic tiles.



## Features

- 10mm segment height.
- 1,2 mm thick.
- Continuous rim.
- Reinforced flange on steel centre.
- Premium diamond grade and free cutting metal hard.

## Benefits

- Extended life.
- Fast cutting.
- Less material wastage.
- Quality of the finished cut.
- Straight cut without causing damages even in the hardest types of tiles, porcellenato and stone.
- Perfect cut in the hardest gres porcellenatos.



SUPER GRES XT 125mm



SUPER GRES XT 125mm



SUPER GRES XT on a TR230G (see page 67)



★★★★★  
Dynamic

## SUPER GRES XT

Excellent value for money turbo jet continuous rim diamond blade with an ultra thin steel centre for high speed dry or wet cutting, designed for low material wastage. For use with hand held electric machines and rail tile saws.

Application : porcelain, ceramic, vitrious, marble, terracota, granite, slate, reconstituted stone, floor and wall tiles.



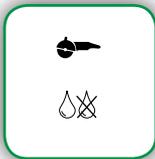
Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 12658	5450248 226338	115	22,23	10/1,2
701846 20209	5450248 230670	125	22,23	10/1,2
701846 21970	5450248 232193	180	22,23	10/1,4
701846 25427	5450248 345756	200	25,4	10/1,4
701846 21973	5450248 232186	230	22,23	10/1,4
701846 27653	5450248 385813	230	25,4	10/1,4
701846 25428	5450248 345763	250	25,4	10/1,6
701846 25429	5450248 345787	300	25,4	10/1,9

★★★★☆  
Pro

## MD 110 CD

Good value for money continuous diamond rim for hand held machines can be used for dry or wet cutting.

Application : ceramics, granite, marble, slate, quarry tiles.



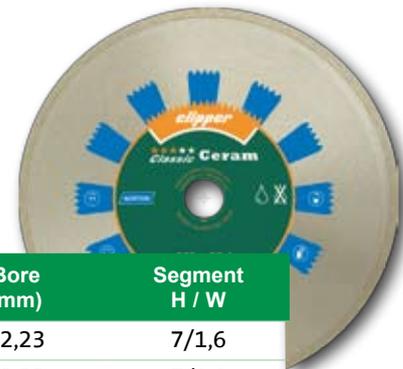
Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 25941	5450248 347903	105	22,23/16	9/1,6
701846 25942	5450248 347927	115	22,23	9/1,6
701846 25940	5450248 347897	125	22,23	9/1,6
701846 25943	5450248 347934	150	22,23	9/1,6
701846 25944	5450248 347941	180	22,23	9/1,7
701846 25945	5450248 347958	205	22,23	9/1,7
701846 25946	5450248 347965	230	22,23	9/2,2

★★★★☆  
Classic

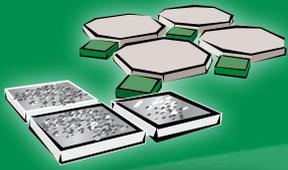
## CLASSIC CERAM

Value for money continuous rimmed diamond blade for dry or wet cutting.

Application : medium hard tiles and ceramic tiles.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 26825	5450248 353317	115	22,23	7/1,6
701846 26826	5450248 353324	125	22,23	7/1,6
701846 26828	5450248 353348	180	25,4/22,23	7/1,7
701846 26829	5450248 353355	200	30/25,4	7/1,7
701846 26830	5450248 353362	230	22,23	7/1,8
701846 28734	5450248 396499	230	25,4	7/1,8
701846 26831	5450248 353379	250	25,4	7/1,8
701846 26832	5450248 353386	300	25,4	7/2,1
701846 26833	5450248 353393	350	25,4	7/2,1



# MARMO PRO

★★★★★  
Pro

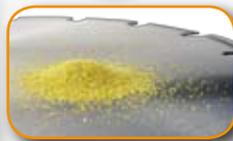
ø50-350



Picture : ø180mm blade.



The ideal blade for smooth cutting of marble.



## Features

Electroplated continuous diamond rim.

Adapted diamond selection.

Drop-down diamond inserts on steel center.

## Benefits

- Specific manufacturing process with direct diamond exposure to allow the smoothest cut.

- Best fitted for fast cutting of marble and soft natural stones.

- Cleans the cutting profile to ensure the best quality of cut.



MARMO PRO 230mm



MARMO PRO 350mm on a CM41 (see page 73)



MARMO PRO 350mm on marble stone



## MARMO PRO

Pro

Electroplated diamond blade. The specific manufacturing process allows the SMOOTHEST CUT IN HARD MATERIALS. The drop-down diamond inserts on the steel center clean the cutting profile to ensure the best quality of cut.

Application : for fast and smooth cutting of MARBLE and soft brittle natural stones, plastics, composite materials, fiber-glass resins.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment W
701846 29965	5450248 408567	50	6	2,4
701846 29966	5450248 408574	75	9	2,4
701846 29967	5450248 408581	100	22,23	2,4
701846 26663	5450248 351498	115	22,23	2,4
701846 26666	5450248 351528	125	22,23	2,4
701846 27715	5450248 386544	150	22,23	2,8
701846 26667	5450248 351535	180	22,23	2,8
701846 26668	5450248 351542	230	22,23	2,8
701846 20243	5450248 298533	300	25,4	2,9
701846 20244	5450248 298557	350	25,4	2,9



## CERAM XJ

Dynamic

Continuous rimmed sintered diamond blade for wet cutting on masonry saws. With thin laser-cut slots to allow blade cooling and smoother cut.

Application: glazed ceramic tiles, granite, marble, slate, quarry tiles.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 30334	5450248 414599	300	25,4	9/2,0
701846 30335	5450248 414605	350	25,4	9/2,0



## MD 120C

Pro

Continuous rimmed diamond blade for wet cutting with all types of tile cutting machines.

Application: ceramics, granite, marble, slate, quarry tiles.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 25560	5450248 346319	150	25,4/22,23	9/1,6
701846 25561	5450248 346326	180	25,4/22,23	9/1,6
701846 25093	5450248 343998	200	25,4	9/1,6
701846 25094	5450248 344001	200	30	9/1,6
701846 25096	5450248 344025	230	25,4	9/1,6
701846 25097	5450248 344032	250	25,4	9/1,6
701846 25098	5450248 344049	300	25,4	9,5/2,0
701846 25100	5450248 344063	350	25,4	9,5/2,0

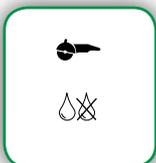


## CLASSIC CERAM XT

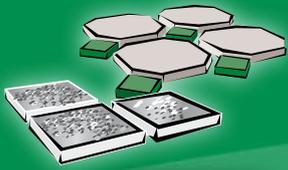
Classic

Value for money continuous diamond rim for dry or wet cutting.

Application : medium hard tiles and ceramic tiles, for use with hand held electric machines.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 27645	5450248 385745	115	22,23	7/1,6
701846 27646	5450248 385752	125	22,23	7/1,6



# DUO GRANIT

★★★★★  
Pro

∅ 115-350



✦LASER



Picture : ∅300mm blade.



A specialist blade for cutting granite and natural stone on masonry and petrol handheld saws.



## Features

10mm segment height.

Innovative specification.

Exclusive "Arrow" shaped gullet slots.

Duo concept : two trapezoidal segments.

Laser welded segments

## Benefits

- Very long life.

- Especially designed for the cutting of hard materials like granite or natural stones.

- Permanently indicates the correct direction of rotation.
- Easier remove of cutting debris.

- Excellent cutting speed.
- Smooth cut.
- Low vibration.

- Optimum safety against segment lost.

**Quickfix**

Learn more about the Quickfix system on page 25.



DUO GRANIT 300mm



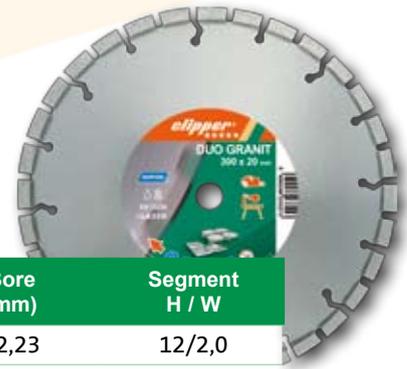
DUO GRANIT 350mm on a CM401 (see page 77)



## ★★★★★ DUO GRANIT

Dynamic

DUO-shape 10mm high laser-welded segments. The Duo-shape trapezoidal segments provide an excellent cutting speed and LOW VIBRATIONS, to get the best cutting comfort for the operator. An innovative specification especially designed for the cutting of HARD MATERIALS like granite and natural stones. With exclusive arrow-shape gullet slots to indicate the correct way of rotation. Application : granite, natural stone, concrete slabs and blocks.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 30303	5450248 414216	115	22,23	12/2,0
701846 30305	5450248 414247	125	22,23	12/2,0
701846 30304	5450248 414223	230	22,23	15/2,8
701846 22118	5450248 317135	300	20	10/2,8
701846 24803	5450248 238492	300	25,4	10/2,8
701846 22119	5450248 317142	350	20	10/2,8
701846 24804	5450248 238508	350	25,4	10/2,8

## ★★★★☆ GRANITO

Pro

Quality value for money blade suitable for granite, marble and natural stone products on masonry saws.

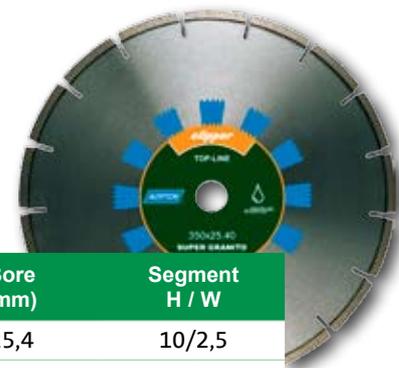


Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 10384	5450248 009030	300	25,4	10/2,5
701846 10385	5450248 009047	350	25,4	10/3,0
701846 10386	5450248 009054	400	25,4	10/3,2
701846 10436	5450248 010142	450	25,4	10/3,4
701846 10437	5450248 230755	500	25,4	7/3,2
701846 10438	5450248 230748	600	25,4	7/4,4

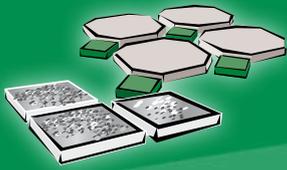
## ★★★★☆ SUPER GRANITO

Classic

Very good value for money, laser welded diamond blade, with 10mm high segments. Application : granite, natural stones, Marble, hard paviments, Porphyre, Schamott.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 12173	5450248 214281	300	25,4	10/2,5
701846 12081	5450248 207511	350	25,4	10/2,8
701846 12174	5450248 214298	400	25,4	10/3,2



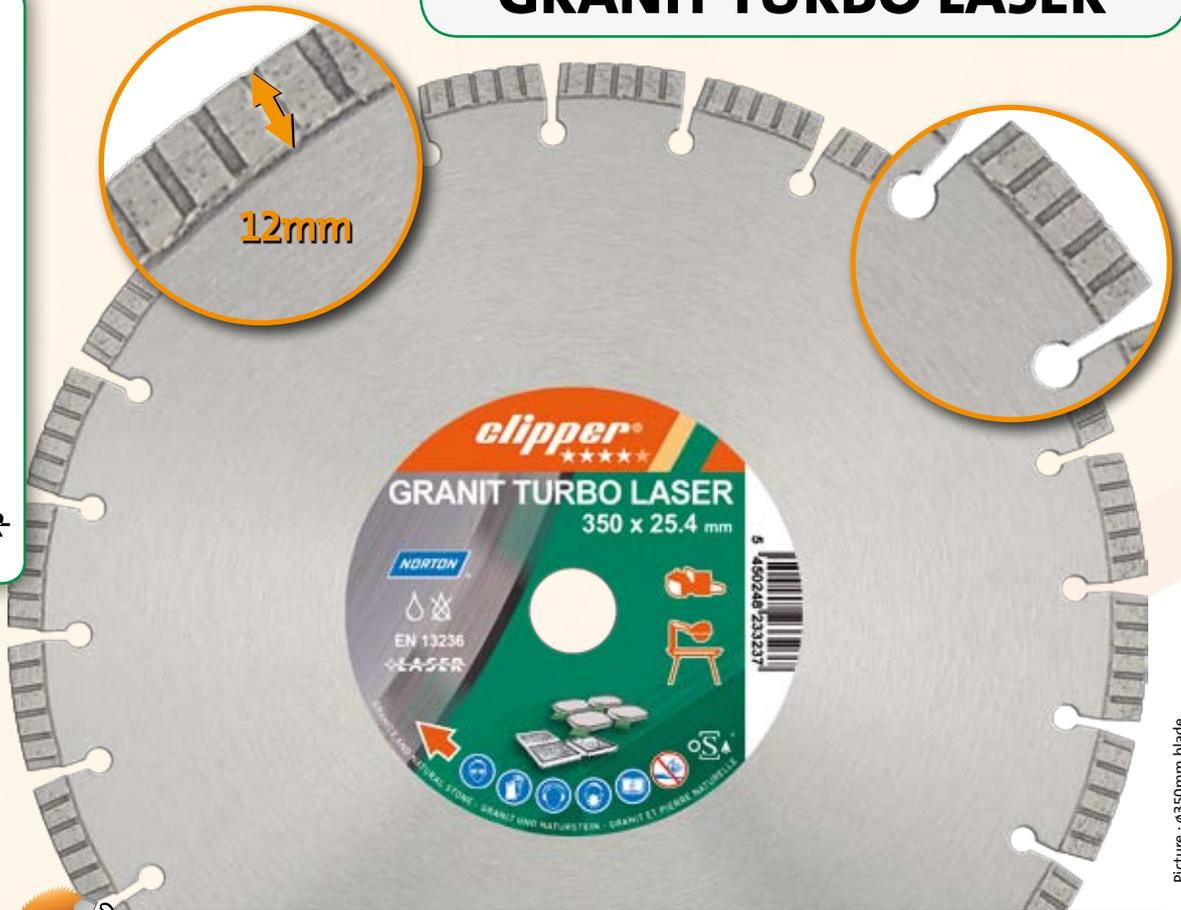
# GRANIT TURBO LASER

★★★★★  
Pro

∅ 115-400



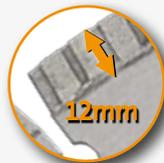
**LASER**



Picture : ∅350mm blade.



A fast cutting granite blade, also suitable for building materials.



**LASER**

## Features

12mm segment height.

Corrugated segments shape.

High grade diamond grits and new metal band generation.

Laser welded segments.

## Benefits

- Very long life.

- Reduced friction.
- Higher cutting speed.
- Better slurrie removal.
- Perfect for intensive use.

- High speed of cut in a wide range of material.
- Designed to out perform in granite.

- Optimum safety against segment lost.

**Quickfix**  
Learn more about the Quickfix system on page 25.



GRANIT TURBO LASER  
230mm



GRANIT TURBO LASER  
300mm



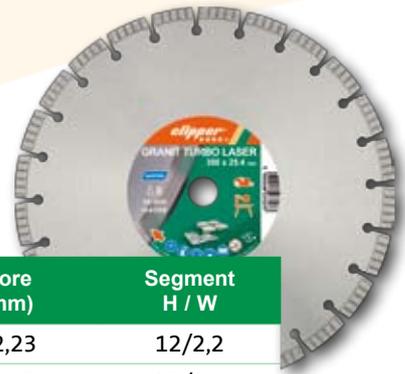
GRANIT TURBO LASER 350mm  
on a CGW (see page 72)



★★★★☆  
Pro

## GRANIT TURBO LASER

Very good value for money laser-welded blade, for both wet or dry cutting. The 12mm segment height provides a VERY LONG LIFE, while the corrugated segment shape generates reduced friction and HIGHER CUTTING SPEED. Fast cutting speed in a wide range of materials, especially designed to perform in granite and hard stones.  
Application : granite, engineering bricks, hard paviments, slate, concrete slabs.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 26525	5450248 350859	115	22,23	12/2,2
701846 26526	5450248 350866	125	22,23	12/2,2
701846 26527	5450248 350873	180	22,23	12/2,4
701846 26528	5450248 350996	230	22,23	12/2,6
701846 26530	5450248 351016	300	20	12/3,2
701846 26529	5450248 351009	300	25,4	12/3,2
701846 26531	5450248 351023	350	20	12/3,2
701846 26532	5450248 351047	350	25,4	12/3,2
701846 26534	5450248 351061	400	20	12/3,2
701846 26533	5450248 351054	400	25,4	12/3,2

★★★★★  
Dynamic

## SUPER STRADALIT EVO

Laser-welded, 10mm high segments, with silent steel-center. High performance wet cutting blade.

Application : very hard natural stone, cured clay paviments and engineering bricks, for wet cutting on masonry saws.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 21132	5450248 231394	350	25,4	10/2,5
701846 23047	5450248 326014	400	25,4	10/2,5

★★★★☆  
Pro

## PRO STONE

Good value for money laser-welded blade, for use on masonry bench saws.  
Application : granite, marble, engineering bricks, hard paviments, concrete slabs.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 27577	5450248 384984	300	25,4	12/3,2
701846 27578	5450248 385097	350	25,4	12/3,2
701846 27580	5450248 385127	400	25,4	12/3,4
701846 27581	5450248 385134	450	25,4	12/3,6



★★★★☆  
Pro

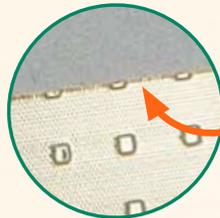
## PRO GLASS

**NEW**

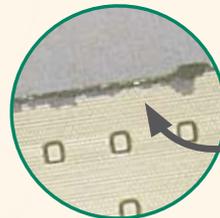
Continuous rimmed diamond blade for wet cutting of glass and glazed materials. The dedicated specification provides the best quality of cut un glass or vitreous materials.  
Application : glass, textured glass tiles, glazed ceramic tiles.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 30184	5450248 412618	180	25,4	10/1,6
701846 30185	5450248 412625	200	25,4	10/1,6
701846 30187	5450248 412649	230	25,4	10/1,6
701846 30188	5450248 412656	250	25,4	10/1,6



*With Clipper PRO GLASS*

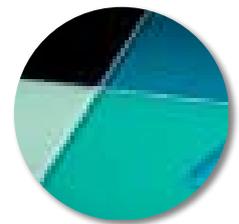
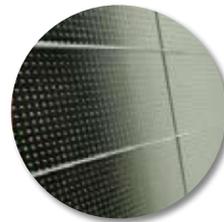


*With a standard ceramic tile blade*



We recommend the use of Clipper PRO GLASS for cutting the new Saint-Gobain "Feeling" range of decorative glass tiles.

[www.saint-gobain-glass.com/feeling](http://www.saint-gobain-glass.com/feeling)





# TILER KIT

## The recommended “must“ for the professional tilers !

Drilling in ceramic tiles and natural stone has never been so easy !



### Content

- 2x Original CLIPPER Super Gres XT - 115 x 22,23mm for angle-grinder.
- 5 x Original NORTON “Multi-purpose“ cutting discs - 115 x 22,23mm.
- A set of diamond-elektroplated tiles drills in diameter 6, 8, 10, and 12mm.
- 1 x Suction drill guide (simple and fast in a solid transport suitcase).



Pro

## Tiler kit

Designed for cutting and drilling all types of tiles found in the industry, will also give outstanding performance on hard and brittle materials such as marble, granite, porcelain.

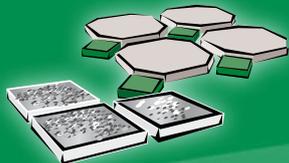


Item No	EAN 13 Code	Drills Ø mm
701846 24497	5450248 236771	6, 8, 10, 12
701846 28392	5450248 393092	6, 8, 10, 14, 28, 35

Recommendation of use :

- For an optimal performance, add some water during the cut.
- Works also with entry-level equipment, from low power 500W cordless power drills.
- Set the power drill to a slow rotation speed.
- If available, switch the hammer-mode off.





★★★★☆  
Pro

## DIAMOND TILE 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, porcelain.



Item No	EAN 13 Code	Ø
3103 05776	5450248 344896	6mm
3103 05777	5450248 344902	8mm
3103 05778	5450248 344919	10mm
3103 05780	5450248 344933	12mm
3103 05792	5450248 345077	14mm
3103 05793	5450248 345084	28mm
3103 05794	5450248 345091	35mm
3103 16728	5450248 350118	45mm
3103 16729	5450248 350125	68mm
3103 16730	5450248 350132	82mm
3103 01580	5450248 348498	3-Pack 6/8/10mm
3100 74148	5450248 373612	Vacuum asorption centering tool 6/8/10/12



# ALUMINIUM FLANGE



This comprehensive range of diamond blades is equipped with depressed aluminium flanges that set the cutting edge blade in an offset position.

These blades are the ideal solution for :

- Trimming the ends of protruding pieces of material, as close as possible of the surface.
- Cutting in the close proximity of corners, without disturbances from the machine body.
- Removing thickness away from large materials in successive stages.

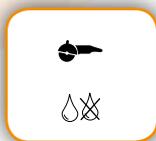


## AERO JET EVO

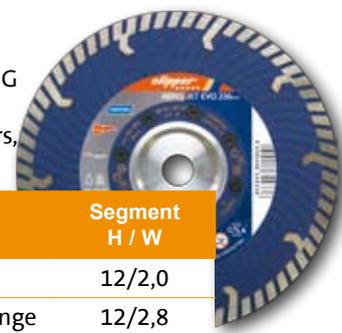
Dynamic

Excellent Value for money FAST CUTTING continuous rimmed blade with 12mm high rim for LONG LIFE (dry or wet). Features EXCLUSIVE ARROW SHAPE PROTECTION inserts for straight cuts.

Application : very wide range of medium-hard to hard construction materials, block paviers, granite, marble, natural stone, roof tiles and hard tiles.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 29692	5450248 405801	125	M14	12/2,0
701846 23448	5450248 329336	230	70/22,23 + Flange	12/2,8



## GRANIT TURBO LASER

Pro

Very good value for money laser-welded blade, for both wet or dry cutting.

The 12mm segment height provides a VERY LONG LIFE, while the corrugated segment shape generates reduced friction and HIGHER CUTTING SPEED.

Application : granite, engineering bricks, hard paviers, slate, concrete slabs.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 29650	5450248 405405	115	M14	12/2,2
701846 29651	5450248 405412	125	M14	12/2,2
701846 29652	5450248 405429	180	70/22,23 + Flange	12/2,4
701846 29653	5450248 405436	230	70/22,23 + Flange	12/2,6

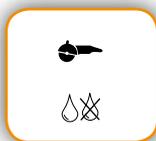


## CLASSIC JET

Classic

Value for money continuous rimmed blade for dry or wet cutting.

Application : tiles, bricks, terracotta tiles, block paviers.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 29694	5450248 405825	115	M14	10/2,2
701846 29695	5450248 405832	125	M14	10/2,2
701846 26734	5450248 353003	180	70/22,23 + Flange	10/2,4
701846 26819	5450248 353232	230	70/22,23 + Flange	10/2,6



## CLASSIC LASER

Classic

Good value for money laser welded diamond blade for dry or wet cutting.

Application : general purpose building materials.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 29696	5450248 405849	115	M14	7/2,2
701846 29697	5450248 405856	125	M14	7/2,2
701846 29698	5450248 405863	180	70/22,23 + Flange	7/2,5
701846 29699	5450248 405887	230	70/22,23 + Flange	10/2,5





Pro

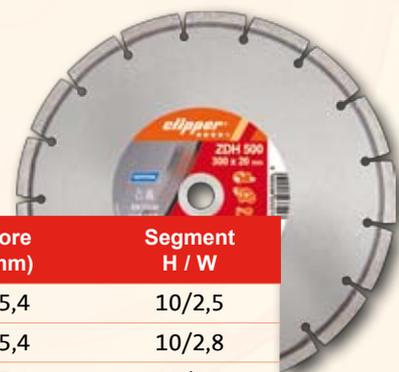
## ZDH 500

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. High performance blade, designed for concrete, and medium to hard refractory materials.

Application : concrete, reinforced concrete, concrete slabs, refractory blocks containing aluminium oxydes.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 27059	5450248 372561	300	25,4	10/2,5
701846 27061	5450248 372585	350	25,4	10/2,8
701846 27062	5450248 372592	400	25,4	10/3,2
701846 27063	5450248 372608	450	25,4	10/3,2
701846 27064	5450248 372615	500	25,4	10/3,8
701846 27065	5450248 372622	600	25,4	10/4,4



Pro

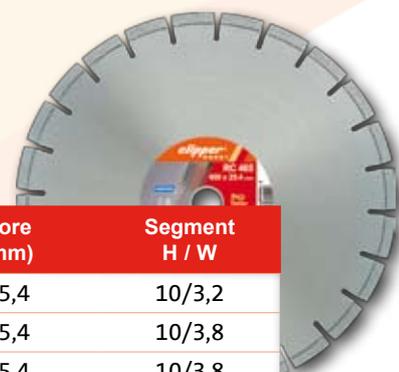
## RC 465

Very good value for money refractory laser-welded blade, with 10mm high segments, for dry cutting.

Application : REFRACTORY MATERIALS, alumina, oxydes.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 26316	5450248393146	400	25,4	10/3,2
701846 26317	5450248 372158	450	25,4	10/3,8
701846 26318	5450248 372165	500	25,4	10/3,8
701846 26319	5450248393153	600	25,4	10/3,8



Pro

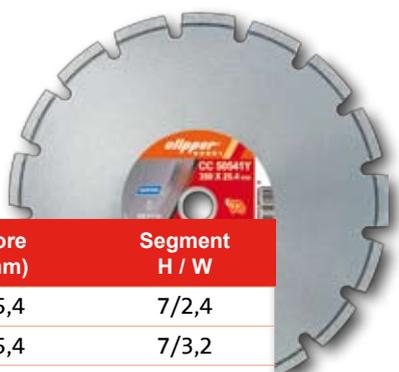
## ZDM 200

Very good value for money laser welded REFRACTORY blade for wet or dry cutting.

Application : refractory materials such as oxydes, magnesy, chromite and unsolation bricks.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 10238	5450248 004424	350	25,4	7/2,4
701846 10239	5450248 004431	450	25,4	7/3,2
701846 10240	5450248 242505	500	25,4	7/3,2



Pro

## ZMD 944T

Good value for money laser-welded blade, for wet or dry cutting.

Application : abrasive products, breeze blocks, soft and ABRASIVE REFRACTORY MATERIALS, insulation blocks.



Item No	EAN 13 Code	Ø (mm)	Bore (mm)	Segment H / W
701846 10284	5450248 005582	350	25,4	7/2,4
701846 10285	5450248 005599	450	25,4	7/3,2
701846 10286	5450248 230151	500	25,4	7/3,2



# The CLIPPER Solutions Machines

*clipper*<sup>®</sup>

Wall Chaser



Tile Saws



Masonry Saws



Floor Saws



Core Bits and Drill Rigs



Power Floats



Grinding Machines





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# WALL CHASER

## SC180



The CLIPPER SC180 chaser is a twin bladed unit, powered by a 1.8kW motor, capable of cutting a chase of 60mm deep and 35mm wide in a single pass.

1,8kW  
Ø 180mm  
13kg  
Electric  
110V 1~  
or  
230V 1~

Features	Benefits
Large diameter blades (180mm)	Cut a chase of 60mm depth and 35 mm width in a single pass
Light weight	Easy to use
Large base with multiple rolls	Good machine stability
Hose connector (Ø 30mm) to fit DC 180 dust collector	Dust free operation
Cutting depth locking device	Cutting accuracy
Full blades protection while cutting	Safety



Total blade coverage during cutting operation.



Twin bladed unit.



Large base with multiple rolls.



Transport box and tools



Full blades protection while cutting.



Model No	Item No	EAN 13 Code
SC 180 110V 1~	701846 13972	5450248 144496
SC 180 230V 1~	701846 13956	5450248 144021

Technical data	SC 180 110V 1~	SC 180 230V 1~
2 diamond blades included	Ø 180mm	Ø 180mm
Supply Voltage	110V	230V
Power kW	1,8kW	1,8kW
Fuse / Transformer / Generator	16 amp / 3kVA	16 amp / 3kVA
Max blade x bore	Ø 180 x 30mm	Ø 180 x 30mm
Max. cutting width	35mm	35mm
Max. cutting depth	60mm	60mm
Tool speed RPM	4900 min <sup>-1</sup>	4900 min <sup>-1</sup>
Hand Arm Vibrations (hourly limit)	4,1 m/s <sup>2</sup>	4,1 m/s <sup>2</sup>
Sound power / pressure level	110 dB(A) / 97 dB(A)	110 dB(A) / 97 dB(A)
Dimensions (LxWxH)	320 x 340 x 300mm	320 x 340 x 300mm
Box size (LxWxH)	347 x 355 x 295mm	347 x 355 x 295mm
Weight	13kg	13kg

Accessories	Item No	EAN 13 Code
DC 180 dust exhauster	3103 69638	5450248 439967
Filter cartridge DC 180	3103 69646	5450248 440642
Euro ZML blade Ø150mm	701846 10539	5450248 012238
Euro ZML blade Ø180mm	701846 25564	5450248 346364
Spare parts	Item No	EAN 13 Code
DC 180 Dust bags ( 5 pcs )	3103 69648	5450248 440666

# The CLIPPER Solutions Tile Saws

*clipper*®



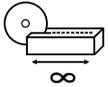


## TT 180 BM



A small and lightweight table top tile saw easily transportable with its protecting case.

550W  
Ø 180mm



11kg  
230V 1~

### Features

Delivered in a strong plastic suitcase

Removable plastic water tray

Tilting table

Light weight

### Benefits

Machine protected for easy transportation and storage

Easy cleaning and water filling

Perfect for mitre cut from 0° to 45°

Easy to move and to handle



Easy transportation and storage.



Removable plastic water tray.



Tilting table (0° to 45°).



Suitcase



Light and compact



CLASSIC CERAM  
Ø 180 x 25,4mm

Model No	Item No	EAN 13 Code
TT 180 BM	701846 26958	5450248 371618

### Technical data

1 diamond blade included	Ø 180mm
Supply Voltage	230V 1~
Power W	550W (0,75)
Fuse/Transformer/Generator	16 amp / 2 kVA
Max. blade x bore	Ø 180 x 25,4mm
Tilting head / table	0 - 45°
Max cutting depth at 90° / at 45°	34mm / 24mm
Max cutting length	∞
Table size	395 x 385mm
Tool speed RPM	2950 min <sup>-1</sup>
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>
Sound power / pressure level	80 dB (A) / 72 dB (A)
Dimensions (LxWxH)	440 x 390 x 230mm
Packaging size	480 x 460 x 240mm
Weight	11kg



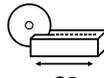
Find SUITABLE BLADES on pages 44-52 and ACCESSORIES on page 69 !



## TT 200 EM

A professional table top tile saw with a powerful 800W motor.



800W  
 Ø 200mm  
  
 ∞  
 16kg  
 230V 1~

Features	Benefits
800W motor	Powerful and professional machine
Delivered in a strong plastic suitcase	Machine protected for easy transportation and storage
Tilting table	Perfect for mitre cut from 0° to 45°
Fast and precise locking cutting guide	Quick set up and accurate cutting
Water tank incorporated in the machine body, fitted with drain plug	Optimised ergonomoy and water recycling Easy water filling Easy access for diamond blade change
Light weight	Easy to move and to handle



Suitcase



Easy transportation and storage.



Tilting head (0° to 45°).



Fast and precise locking cutting guide.



Precise cutting guide.



CLASSIC CERAM  
 Ø 200 x 25,4mm

Model No	Item No	EAN 13 Code
TT 200 EM	701846 26963	5450248 371663

Technical data	
1 diamond blade included	Ø 200mm
Supply Voltage	230V 1~
Power W	800W (1,1)
Fuse/Transformer/Generator	16 amp / 2 kVA
Max. blade x bore	Ø 200 x 25,4mm
Tilting head / table	0 - 45°
Max cutting depth at 90° / at 45°	40mm / 20mm
Max cutting length	∞
Table size	460 x 360mm
Tool speed RPM	2950 min <sup>-1</sup>
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>
Sound power / pressure level	80 dB (A) / 72 dB (A)
Dimensions (LxWxH)	510 x 400 x 230mm
Packaging size	560 x 500 x 270mm
Weight	16kg



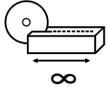
Find SUITABLE BLADES on pages 44-52 and ACCESSORIES on page 69 !



## TT 200 B Platine



500W  
Ø 200mm



16kg  
110V 1~  
or  
230V 1~

A highly productive table top tile saw with good user ergonomics.

### Features

- Handling with filled water tank
- Easy access to blade
- Stainless steel table
- Additional accessory included

### Benefits

- Less operations
- Easy tool change and cleaning
- Robust
- Mitre cut at 45°



Handling with filled water tank.



Additional accessory included.



Easy access to blade.



Packaging



Robust machine.



CLASSIC CERAM  
Ø 200 x 25,4mm

Model No	Item No	EAN 13 Code
TT 200 B Platine - 110V 1~	701846 27027	5450248 372394
TT 200 B Platine - 230V 1~	701846 26964	5450248 371571

Technical data	TT200B Platine 110V 1~	TT200B Platine 230V 1~
1 diamond blade included	Ø 200mm	Ø 200mm
Supply Voltage	110V 1~	230V 1~
Power W	500W (0,7)	500W (0,7)
Fuse/Transformer/Generator	16 amp / 2 kVA	16 amp / 2 kVA
Max. blade x bore	Ø 200 x 25,4mm	Ø 200 x 25,4mm
Tilting head / table	45°	45°
Max cutting depth at 90° / at 45°	35mm / 30mm	35mm / 30mm
Max cutting length	∞	∞
Table size	460 x 345mm	460 x 345mm
Tool speed RPM	2950 min <sup>-1</sup>	2950 min <sup>-1</sup>
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>	< 2,5 m/s <sup>2</sup>
Sound power / pressure level	80 dB (A) / 72 dB (A)	80 dB (A) / 72 dB (A)
Dimensions (LxWxH)	640 x 345 x 240mm	640 x 345 x 240mm
Packaging size	650 x 420 x 255mm	650 x 420 x 255mm
Weight	16kg	16kg



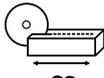
Find SUITABLE BLADES on pages 44-52 and ACCESSORIES on page 69 !



## TT 250 G

A powerful professional table top tile saw with a unique disk guard support avoiding interference with products.



1000W  
 Ø 250mm  
  
 15kg  
 110V 1~  
 or  
 230V 1~

Features	Benefits
1000 W motor	Powerful and professional machine
Tilting table	Perfect for mitre cut from 0° to 45°
Removable water tank	Easy blade change and water drain
Stainless steel table	Robust and long lasting



Packaging



Tilting table (0° to 45°).



Removable water tank.



Folded legs (option).



Stainless steel table.



CLASSIC CERAM  
 Ø 250 x 25,4mm

Model No	Item No	EAN 13 Code
TT 250 G - 110V 1~	701846 27049	5450248 372547
TT 250 G - 230V 1~	701846 26965	5450248 371588

Technical data	TT250G 110V 1~	TT250G 230V 1~
1 diamond blade included	Ø 250mm	Ø 250mm
Supply Voltage	110V 1~	230V 1~
Power W	1000W (1,4)	1000W (1,4)
Fuse/Transformer/Generator	16 amp / 3 kVA	16 amp / 3 kVA
Max. blade x bore	Ø 250 x 25,4mm	Ø 250 x 25,4mm
Tilting head / table	0 - 45°	0 - 45°
Max cutting depth at 90° / at 45°	55mm / 35mm	55mm / 35mm
Max cutting length	∞	∞
Table size	560 x 500mm	560 x 500mm
Tool speed RPM	2950 min <sup>-1</sup>	2950 min <sup>-1</sup>
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>	< 2,5 m/s <sup>2</sup>
Sound power / pressure level	79 dB (A) / 71 dB (A)	79 dB (A) / 71 dB (A)
Dimensions (LxWxH)	620 x 600 x 355mm	620 x 600 x 355mm
Packaging size	690 x 610 x 420mm	690 x 610 x 420mm
Weight	15kg	15kg



Find SUITABLE BLADES on pages 44-52 and ACCESSORIES on page 69 !



## TR 200 E



A lightweight professional tile saw including folding legs and powerful 900W motor.

900W  
Ø 200mm  
580mm  
29kg  
230V 1~

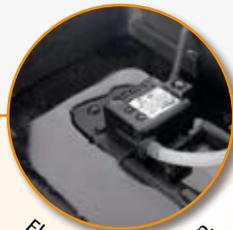
Features	Benefits
900W motor	Powerful and professional machine
Folding legs & transport wheels	Easy transportation and storage
Tilting head	Perfect for mitre cut from 0° to 45°
Removable plastic water tray fitted with a drain plug	Easy cleaning and draining
Water pump protected from slurries	Long life and efficiency
Long and robust table	Ideal for cuts up to 58 cm
Robust rail to drive the cutting head	Rigidity and accurate cutting



Packaging



Tilting head (0° to 45°).



Electrical water pump.



Easy transportation and storage.



Fast and precise locking cutting guide.



CLASSIC CERAM  
Ø 200 x 25,4mm

Model No	Item No	EAN 13 Code
TR 200 E	701846 26966	5450248 371694

Technical data	
1 diamond blade included	Ø 200mm
Supply Voltage / Power W	230V 1~ / 900W
Fuse/Transformer/Generator	16 amp / 3 kVA
Max. blade x bore	Ø 200 x 25,4mm
Tilting head / table	0 - 45°
Max cutting depth at 90° / at 45°	35mm / 25mm
Max cutting length	530mm
Table size	780x395mm
Tool speed RPM	2950 min <sup>-1</sup>
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>
Sound power / pressure level	80 dB (A) / 72 dB (A)
Dimensions (LxWxH)	1100 x 450 x 1100mm
Dimensions (LxWxH) (folded legs)	850 x 450 x 500mm
Packaging size	880 x 470 x 520mm
Weight	29kg



Find SUITABLE BLADES on pages 44-52 and ACCESSORIES on page 70 !



**NEW**  
Special 1200mm  
long tiles!

## TR 230 GS & TR 230 GL

TR 230 GS and GL are professional tile saws with powerful motor (1,1 kW) and cutting length adapted to large tiles (860mm for GS type and 1200mm for GL type)



1100W  
Ø 230mm  
860 >  
1200mm  
61 > 67kg  
230V 1~

Features	Benefits
Tilting head	Perfect for mitre cut from 0° to 45°
Easy removal of cutting table	Quick and easy cleaning
Foldable handles	Easy transportation
Cutting guide with anguler setting	Precise angle cuts
Built-in side extension	Easy use of machine with wide materials
Lateral guide-a-cut	High accuracy cuts with long materials



Cutting guide with angular settings



Easily removable cutting table.



Built-in side extension.



Foldable handles.



Tilting head.

Model No	Item No	EAN 13 Code
TR 230 GL	701846 29662	5450248 405504
TR 230 GS	701846 29665	5450248 405528

Technical data	TR 230 GL	TR 230 GS
1 diamond blade included	Ø 230mm	Ø 230mm
Supply Voltage / Power W	230V 1~ /1,1kW	230V 1~ /1,1kW
Fuse/Transformer/Generator	16 amp / 3 kVA	16 amp / 3 kVA
Max. blade x bore	Ø 230 x 25,4mm	Ø 230 x 25,4mm
Tilting head / table	0 - 45°	0 - 45°
Max cutting depth at 90° / at 45°	45mm / 35mm	45mm / 35mm
Max cutting length	1200mm	860mm
Table size	1200x565mm	860x565mm
Tool speed RPM	2950 min <sup>-1</sup>	2950 min <sup>-1</sup>
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>	< 2,5 m/s <sup>2</sup>
Sound power / pressure level	71 dB (A) / 79 dB (A)	71 dB (A) / 79 dB (A)
Dimensions (LxWxH)	1860 x 600 x 1175mm	1560 x 600 x 1175mm
Weight	67kg	61kg



Find SUITABLE BLADES on pages 44-52 and ACCESSORIES on page 70!



# NEW

## TR 250 H



Our new Clipper TR 250 H is a robust and high quality machine completing perfectly our Tile saws product range. Its maximum cutting length reaches 1000mm.

- 1300W
- Ø 250mm
- 1000mm
- 66kg
- 230V 1~

Features	Benefits
Robust rail to drive the cutting head	Rigidity and accurate cutting
Folding legs and transport wheels	Easy transportation and storage
Electrical water pump protected from slurries	Reliability and optimum blade cooling efficiency
Tilting cutting head rail	Perfect for mitre cut from 0° to 45°
Plunging head (cutting depth direction)	Adaptation of cutting depth
Side and rear deflectors	Water projections protection for better working area cleanliness
Side extension	Improve large materials stability while cutting



Plunging cutting head rail (0° to 45°).



Transport wheels.



Cutting guide included.



CLASSIC CERAM  
Ø 250 x 25,4mm

Model No	Item No	EAN 13 Code
TR 250 H	701846 29611	5450248 405078

Technical data	
1 diamond blade included	Ø 250mm
Supply Voltage / Power W	1300W
Fuse/Transformer/Generator	230V 1~
Max. blade x bore	Ø 250 x 25,4mm
Tilting head / table	0 - 45°
Max cutting depth at 90° / at 45°	60mm / 30mm
Max cutting length	1000mm
Table size	1110x490mm
Tool speed RPM	2800 min <sup>-1</sup>
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>
Sound power / pressure level	87 dB (A) / 73 dB (A)
Dimensions (LxWxH)	1400 x 670 x 1460mm
Dimensions (LxWxH) (folded legs)	1400 x 670 x 690mm
Packaging size	1420 x 680 x 530mm
Weight	66kg



Find SUITABLE BLADES on pages 44-52 and ACCESSORIES on page 70 !



# TILE SAWS ACCESSORIES



**TT 180 BM**

Accessories	Code article	EAN 13 Code
Switch	3103 26008	5450248 371526
Water tray	3103 26009	5450248 371533
Guide for diagonal cut	3103 26010	5450248 371557



**TT 200 EM**

Accessoires	Item No	EAN 13 Code
Switch	3103 01207	5450248 371861
Cutting guide	3100 79476	5450248 372097



**TT 200 B Platine**

Accessoires	Item No	EAN 13 Code
Switch	3100 06410	5450248 160373
Water tray	3100 06412	5450248 160397
Cutting guide	3100 06416	5450248 160434



**TT 250 G**

Accessories	Item No	EAN 13 Code
1 - Folding stand	3100 04597	5450248 094203
2 - Water tray	3100 04596	5450248 094197
Spare parts	Item No	EAN 13 Code
3 - Guide for diagonal cut	3100 05611	5450248 124177





TR 200 E

Accessoires	Item No	EAN 13 Code
4 - Laser kit	3100 47996	5450248 344704
Spare parts	Item No	EAN 13 Code
Water tray	3100 08300	5450248 208051
Set of wheels	3103 40140	5450248 440772
Frame with foldable legs	3103 57997	5450248 407232
Switch	3100 08316	5450248 208570
Water pump	3103 37574	5450248 402893



TR 230 GL & GS

Spare parts	Item No	EAN 13 Code
Water pump	3103 65204	5450248 411291
Frame with foldable legs (TR230GL)	3103 65224	5450248 411369
Frame with foldable legs (TR230GS)	3103 65226	5450248 411376
Switch	3103 65205	5450248 411307



TR 250 H

Accessories	Item No	EAN 13 Code
Rubber wheels (set of 2)	3103 69028	5450248 439714
Switch	3100 66215	5450248 442592
Water pump	3100 04389	5450248 078784

# The CLIPPER Solutions Masonry Saws

*clipper*®





# MASONRY SAWS

## CGW



The smallest of the range has a cutting head held by one support allowing 500mm paving slabs to be cut in half.

2,2kW  
Ø 350mm  
500mm  
66kg  
230V 1~

Features	Benefits
Removable legs	Easy transportation and storage
Variable guide-a-cut	Allows cutting at any angle without any additional tool
Cutting head lock device	Easy straight-through cutting
Blade guard with removable cover	Operator protection and easy access for blade change



Easy blade change.



Rear panel.



Compensation spring



Variable guide-a-cut..



ALFA

Model No	Item No	EAN 13 Code
CGW 1.30.1	701846 29858	5450248 407409

Technical data	
1 diamond blade included	Ø 350mm
Supply Voltage	230V 1~
Power kW	2,2kW (3 Hp)
Fuse/Transformer/Generator	16 amp / 6 kVA
Max. blade x bore	Ø 350 x 25,4mm
Max cutting depth	110mm
Max cutting length	500mm
Table size	440 x 340mm
Tool speed RPM	2800 min <sup>-1</sup>
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>
Sound power / pressure level	92 dB (A) / 80 dB (A)
Dimensions (LxWxH)	980 x 600 x 550mm
Dimensions (LxWxH) (folded legs)	980 x 600 x 1250mm
Weight	66kg



Find SUITABLE BLADES on pages 20-56 and ACCESSORIES on page 75 !



**NEW**

# CM 41 Compact



The new CLIPPER CM 41 is a lightweight, portable masonry saw designed for best User friendly.

2,2kW  
 Ø 400mm  
 600mm  
 85kg  
 115V 1~  
 or  
 230V 1~

Features	Benefits
Folding legs & transport wheels	Easy transportation and storage
Tilting table within the conveyor cart	Mitre cut at 45°
Conveyor cart including friction resistant tilted wheels	Better cart stability improving cutting quality
High accuracy standard cutting guide with per degree angular setting	Quick, precise and easy cut without additional accessory
Adjustable depth stop	Flexible depth of cut setting for 300mm to 400mm diamond blades
Conveyor cart with anti-slipping surface	Accurate and stable cut
Fix blade guard with rotating side door	Maximum operator's protection with easy access for blade replacement



Optimised blade guard shape.



Electrical water pump protected from slurries.



Cutting guide.



Conveyor cart with friction resistant tilted wheels.



Ergonomic working position.



ALFA

Model No	Item No	EAN 13 Code
CM 41 Compact - 115V 1~	701846 30638	5450248 443476
CM 41 Compact - 230V 1~	701846 29632	5450248 405191

Technical data	CM41 115V 1~	CM41 230V 1~
Supply Voltage	115V 1~	230V 1~
Power kW	2,2kW (3 Hp)	2,2kW (3 Hp)
Fuse/Transformer/Generator	16 amp / 6 kVA	16 amp / 6 kVA
Max. blade x bore	Ø 400 x 25,4mm	Ø 400 x 25,4mm
Tilting head	0° - 45°	0° - 45°
Max cutting depth at 90°/45°	135mm / 94mm	135mm / 94mm
Max cutting length	600mm	600mm
Table size	440 x 340mm	440 x 340mm
Tool speed RPM	2800 min <sup>-1</sup>	2800 min <sup>-1</sup>
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>	< 2,5 m/s <sup>2</sup>
Sound power / pressure level	92 dB (A) / 80 dB (A)	92 dB (A) / 80 dB (A)
Dimensions (LxWxH)	1170 x 600 x 1400mm	1170 x 600 x 1400mm
Dimensions (LxWxH) (folded legs)	1170 x 600 x 740mm	1170 x 600 x 740mm
Weight	85kg	85kg



Find SUITABLE BLADES on pages 20-56 and ACCESSORIES on page 75 !



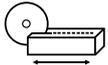


## CHW & CHW-T Modulo



2,2kW

Ø 350mm



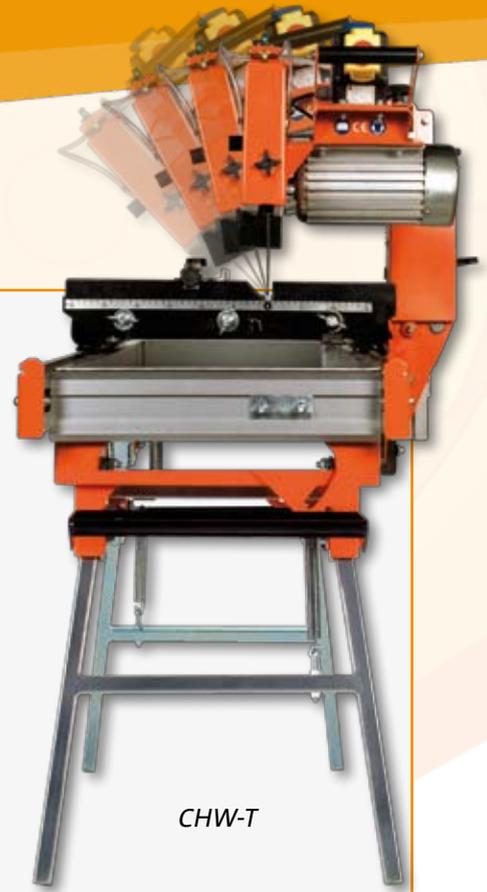
500 >  
600mm

79 > 95kg

110V 1~  
or  
230V 1~

The CHW Modulo is made using extruded aluminium profiles. The "T" version has a high precision tilting head.

Features	Benefits
Folding legs & transport wheels	Easy transportation and storage
Built with extruded aluminium profiles	Extreme rigidity and lifetime, easy maintenance
Removable aluminium water tray	Easy cleaning
Electrical water pump protected from slurries	Long life and efficiency ; dust free working conditions
Wide conveyor cart with ruler and anti-pivoting wheels	High stability, precise guiding and enhanced safety
Conveyor cart with anti-slipping surface	Accurate and stable cut
High accuracy standard cutting guide with per degree angular setting (CHW-T)	Quick and easy cut without additional accessory



CHW-T



Side extension.



Conveyor cart locking and non tipping devices.



Water pump.



CHW



Model No	Item No	EAN 13 Code
CHW 600 1.15.1 - 110V 1~	701846 14078	5450248 162292
CHW 600 1.30.1 - 230V 1~	701846 14040	5450248 202202
CHW-T 600 1.30.1 - 230V 1~	701846 10057	5450248 141839

Technical data	CHW 600 1.15.1	CHW 600 1.30.1	CHW-T 600 1.30.1
Supply Voltage/ Power kW	110V 1~ / 2,2kW (3)	230V 1~ / 2,2kW (3)	230V 1~ / 2,2kW (3)
Fuse/Transformer/Generator	16 amp / 6 kVA	16 amp / 6 kVA	16 amp / 6 kVA
Max. blade x bore	Ø 350 x 25,4mm	Ø 350 x 25,4mm	Ø 350 x 25,4mm
Tilting head	none	0° - 45°	0° - 45°
Max cutting depth at 90° / 45°	110mm / NA	110mm / 85mm	110mm / 85mm
Max cutting length	600mm	500mm	600mm
Table size	500 x 600mm	500 x 500mm	500 x 600mm
Tool speed RPM	2730 min <sup>-1</sup>	2730 min <sup>-1</sup>	2730 min <sup>-1</sup>
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>	< 2,5 m/s <sup>2</sup>	< 2,5 m/s <sup>2</sup>
Sound power / pressure level	92 dB (A) / 80 dB (A)	92 dB (A) / 80 dB (A)	92 dB (A) / 80 dB (A)
Dimensions (LxWxH)	1130x705x1350mm	1195x705x1350mm	1195x705x1350mm
Dimensions (LxWxH) (folded legs)	1130x705x760mm	1195x705x760mm	1195x705x760mm
Weight	79kg	93kg	95kg



Find SUITABLE BLADES on pages 20-56 and ACCESSORIES on page 75 !



# MASONRY SAWS ACCESSORIES & SPARE PARTS

Accessories	Item No	EAN 13 Code
1 - Laser guide (without fixing plate)	3100 47638	5450248 373445
2 - Laser guide kit for masonry saw	3100 47995	5450248 344698



Accessories	Item No	EAN 13 Code
3 - Side extension	3100 05598	5450248 123958

Spare parts	Item No	EAN 13 Code
4 - Water pump	3100 04389	5450248 078784
5 - Complete switch	3100 05263	5450248 118138
6 - Conveyor cart wheels (set of 4)	3100 04676	5450248 098393



Accessories	Item No	EAN 13 Code
3 - Side extension	3100 05598	5450248 123958

Spare parts	Item No	EAN 13 Code
4 - Water pump	3100 04389	5450248 078784
5 - Complete switch	3100 05263	5450248 118138
6 - Conveyor cart wheels (set of 4)	3100 04676	5450248 098393



Accessories	Item No	EAN 13 Code
3 - Side extension	3100 07579	5450248 226925

Spare parts	Item No	EAN 13 Code
4 - Water pump	3100 04389	5450248 078784
5 - Complete switch	3100 07308	5450248 212355
6 - Conveyor cart wheels (set of 4)	3100 07312	5450248 212409



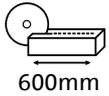


## JCW



**Belt-driven machine for precision cutting even for large formats.**

2,2kW  
Ø 400mm



600mm

104kg

230V 1~

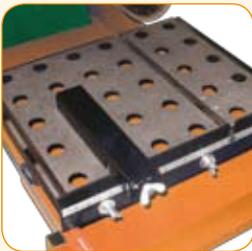
Features	Benefits
Cutting length of 600mm	Precision for cutting large materials
Blade guard always horizontal	Protection and high safety
Mechanical water pump	Lifespan and efficiency
Transport wheels and removable legs	Easy transport and storage



Transport wheels.



Blade guard always horizontal!



Cutting guide.



ALFA

Model No	Item No	EAN 13 Code
JCW 600 1.30.1 - 230V 1~	701846 30635	5450248 445319

Technical data	
Supply Voltage	230V 1~
Fuse/Transformer/Generator	16 amp / 6 kVA
Power kW	2,2kW (3 Hp)
Max. blade x bore	Ø 400 x 25,4mm
Max cutting depth	150mm
Max cutting length	600mm
Table size	400 x 490mm
Tool speed RPM	2700 min <sup>-1</sup>
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>
Sound power / pressure level	89 dB (A) / 78 dB (A)
Dimensions (LxWxH)	1280 x 590 x 1460mm
Dimensions (LxWxH) (folded legs)	1280 x 590 x 880mm
Weight	104kg



Find SUITABLE BLADES on pages 20-56 and ACCESSORIES on page 84 !



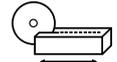
CM401 - Electric

# CM401 Modulo Junior

The CM401 uses an aluminium frame, very rigid and absolutely waterproof. The pivoting legs ensure complete site portability. The “stay level” blade guard and heavy duty conveyor cart provide easy cutting.



2,2 > 4,8kW  
Ø 400mm



500 > 600mm

111 > 118kg

230V 1~  
or  
400V 3~  
or  
Petrol

Features	Benefits
500mm or 600mm cutting length	Perfect for large materials
Folding legs & transport wheels	Easy transportation and storage
Removable aluminium water tray	Easy cleaning
Built with extruded aluminium profiles	Extreme rigidity and lifetime
Mechanical water pump	Dust free working conditions
Conveyor cart with anti-slipping surface	Accurate and stable cut
High accuracy standard cutting guide with per degree angular setting	Quick and easy cut without additional accessory
Wide conveyor cart with ruler and slanted wheels	High stability and precise guiding



CM401 - Petrol



Aluminium profile.



Aluminium water tray.



Mechanical water pump.



Folded legs.



Ergonomic working position.

Model No	Item No	EAN 13 Code
CM401 600 1.40.3	701846 27004	5450248 371854
CM401 600 1.60.P	701846 27017	5450248 371755

Technical data	CM401 1.40.3	CM401 1.60.P
Power Source/Motor Type	Electric	Petrol / HONDA GX200
Supply Voltage/Power kW (Hp)	400V 3~/ 3kW (4Hp)	4,8kW (6,5Hp)
Fuse/Transformer/Generator	16 amp / 8 kVA	-
Max. blade x bore	Ø 400 x 25,4mm	Ø 400 x 25,4mm
Max cutting depth	150mm	150mm
Max cutting length	600mm	600mm
Table size	500x600mm	500x600mm
Tool speed RPM	2 000 min <sup>-1</sup>	2 650 min <sup>-1</sup>
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>	< 2,5 m/s <sup>2</sup>
Sound power / pressure level	94 dB (A) /81 dB (A)	105 dB (A) / 93 dB (A)
Length	1380 mm	1380mm
Width	660mm	660mm
Height/Height folded legs	1510mm / 920mm	1585mm / 995mm
Weight	115kg	118kg



Find SUITABLE BLADES on pages 20-56 and ACCESSORIES on page 84 !





# MASONRY SAWS

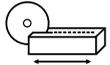
## CMR351



**NEW**



2,2kW  
Ø 350mm



1150mm

125kg

230V 1~

The new Clipper CMR351 is a simple and robust saw dedicated to stone cutting, featuring both tilting rail and head.

Features	Benefits
Removable feet and retractable handles	Easy transportation and storage
Built-in side extension	Better stability when cutting large materials
Lateral guide-a-cut	High accuracy cuts with long materials
Tilting head (cutting depth direction)	Adaptation of cutting depth
Tilting rail	Perfect for mitre cuts from 0° to 45°
Three handles on cutting-head	Optimised operator's position



Built-in side extension.



Retractable handles.



Lateral guide-a-cut.



Three handles.



Tilting head and rail.

Model No	Item No	EAN 13 Code
CMR351 - 230V 1~	701846 30636	5450248 445326

Technical data	
Supply Voltage / Power kW	230V 1~ / 2,2kW
Fuse/Transformer/Generator	16 Amp / 6kVA
Max. blade x bore	Ø 350 x 25,4mm
Tilting head	0° - 45°
Max cutting depth	100mm
Max cutting length	1150mm
Table size	1150 x 515mm
Tool speed RPM	2800 min <sup>-1</sup>
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>
Sound power / pressure level	92 dB(A) / 80 dB(A)
Dimensions (LxWxH)	1650 x 700 x 1550mm
Dimensions (LxWxH) (folded legs)	1650 x 700 x 875mm
Weight	125kg



Find SUITABLE BLADES on pages 20-56 and ACCESSORIES on page 84 !



# CST Modulo

Especially dedicated to the stone cutting, the CLIPPER CST Modulo range of masonry saws is among the most robust machines.



Features	Benefits
Folding legs & transport wheels	Easy transportation and storage
Aluminium water tray	Resistant and easy cleaning
Built with extruded Aluminium profiles	Extreme rigidity and lifetime
High accuracy standard cutting guide with per degree angular setting	Quick and easy cut without additional accessory
Swivel-mounted adjustable cutting head	Very precise jolly cuts from 90° to 45°
Fix blade guard with rotating side door	Maximum operator's protection with easy access for blade replacement
Galvanized steel table with 2 separated parts	Resistant to corrosion and easy access for cleaning and maintenance

2,2kW  
 Ø 350mm  
  
 1000mm  
 120 > 134kg  
 115V 1~  
 or  
 230V 1~  
 or  
 400V 3~



Easy to open table in two parts.



Swivel mounted cutting head.



Adjustable angle of cut 0° - 45°.



Side extension roller.



Side extension flat.

Model No	Item No	EAN 13 Code
CST Modulo 100 - 115V 1~	701846 20270	5450248 226987
CST Modulo 100 - 230V 1~	701846 20024	5450248 226970
CST Modulo 100 - 400V 3~	701846 20273	5450248 226994

Technical data	CST 100 - 115V	CST 100 - 230V	CST 100 - 400V
Supply Voltage / Power kW	115V 1~ / 2,2kW (3)	230V 1~ / 2,2kW (3)	400V 3~ / 2,2kW (3)
Fuse/Transformer/Generator	16 amp / 5 kVA	13 amp	16 amp
Max. blade x bore	Ø 350 x 25,4mm	Ø 350 x 25,4mm	Ø 350 x 25,4mm
Tilting head	0° - 45°	0° - 45°	0° - 45°
Max cutting depth	110mm	110mm	110mm
Max cutting length	1000mm	1000mm	1000mm
Table size	1250 x 660mm	1250 x 660mm	1250 x 660mm
Tool speed RPM	2800 min <sup>-1</sup>	2800 min <sup>-1</sup>	2800 min <sup>-1</sup>
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>	< 2,5 m/s <sup>2</sup>	< 2,5 m/s <sup>2</sup>
Sound power / pressure level	88 dB (A) / 73 dB (A)	88 dB (A) / 73 dB (A)	88 dB (A) / 73 dB (A)
Dimensions (LxWxH)	1480x660x1485mm	1480x660x1485mm	1480x660x1485mm
Dimensions (LxWxH) (folded legs)	1480x660x905mm	1480x660x905mm	1480x660x905mm
Weight	120kg	127kg	134kg



Find SUITABLE BLADES on pages 20-56 and ACCESSORIES on page 85 !





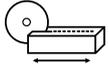
# MASONRY SAWS

## CM501 *Major*



The new CLIPPER CM501 is a highly performing and robust masonry saw with a modern design.

3 > 4,8kW  
Ø 500mm



500mm  
165kg

115V 1~  
or  
230V 1~  
or  
400V 3~  
or  
Petrol

Features	Benefits
Conveyor cart with anti-slipping surface	Accurate and stable cut
Easy access to water pump	Easy maintenance
Double lifting rails	Easy and safe transport with forklift
Blade adjustment with crank	Easy and accurate blade depth setting
Conveyor cart including friction resistant tilted wheels	Better cart stability improving cutting quality
High accuracy standard cutting guide with per degree angular setting	Quick, precise and easy cut without additional accessory
Adjustable depth stop	Flexible depth of cut setting for 300mm to 400mm diamond blades
Stay level blade guard	Maximum blade cover and safety at any pivoting head position



Friction resistant tilted wheels.



Anti-slipping surface.



Easy access to water pump.



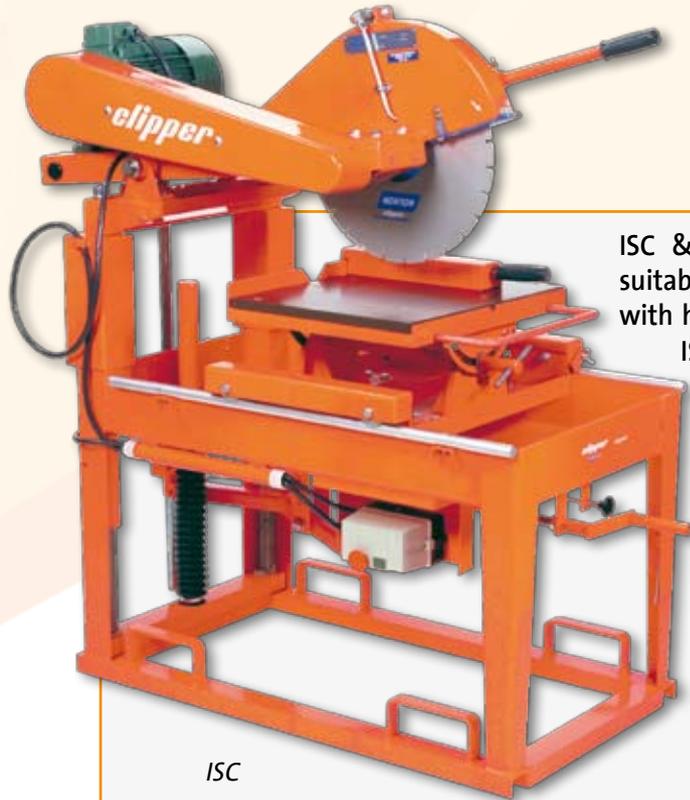
Easy transportation (optional accessory).

Model No	Item No	EAN 13 Code
CM501 3-60-P	70184627020	5450248371779
CM501 3.20.1 - 115V 1~	70184628235	5450248392125
CM501 3.30.1 - 230V 1~	70184628236	5450248392132
CM501 3.55.3 - 400V 3~	70184627018	5450248371762

Technical data	CM501 3.60.P	CM501 3.20.1	CM501 3.30.1	CM501 3.55.3
Power source/motor type	Petrol/HONDA GX200	Electric	Electric	Electric
Supply voltage/Power Kw (HP)	4,8kW (6,5HP)	115V 1~ / 4 kW (3 HP)	230V 1~ / 3 kW (4 HP)	400V 3~ / 4 kW (5,5 HP)
Fuse/Transformer/Generator	-	16 amp / 10kVA	16 amp / 10kVA	16 amp / 10kVA
Max. blade x bore	Ø 500 x 25,4mm			
Max. cutting depth	195mm	195mm	195mm	195mm
Max. cutting length	500mm	500mm	500mm	500mm
Table size	580 x 420mm	580 x 420mm	580 x 420mm	580 x 420mm
Tool speed RPM	2200 min <sup>-1</sup>	1900 min <sup>-1</sup>	1900 min <sup>-1</sup>	1900 min <sup>-1</sup>
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>			
Sound power/pressure level	93dB(A)/106dB(A)	97dB(A)/81dB(A)	97dB(A)/81dB(A)	97dB(A)/81dB(A)
Dimensions (LxWxH) mm	1480x610x1700	1480x610x1550	1480x610x1550	1480x610x1550
Weight	165kg	165 kg	165 kg	165 kg



Find SUITABLE BLADES on pages 20-56 and ACCESSORIES on page 85 !

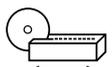


ISC

# ISC & ISM *Super*

ISC & ISM are dedicated to industrial applications, suitable for brick or refractory work. The ISC is equipped with hand lever to operate the cutting head, while the ISM is fitted with an additional foot pedal.



5,5kW  
 Ø 500mm  
  
 500 > 750mm  
 248 > 280kg  
 400V 3~

Features	Benefits
Water distributors connectable to optional water supply system	Wet cutting and dust free working conditions
Extended operating handle	Optimum cutting pressure application
Crank controlled cutting depth adjustment	Easy and accurate setting
Cutting head height setting by foot pedal and handle (ISM)	User's comfort
Forklift lifting fitted brackets	Easy transportation
Optional flat or tilting (up to 45°) conveyor carts	Accurate angle cuts from 90° to 45°
Conveyor cart including polyamid rollers with bearings rolling on steel bars	Accuracy and long lifetime
Dust extraction port	Dust free cutting with optional dust extractor



ISM



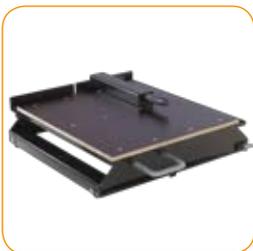
Cutting head is height adjustable.



Tilting conveyor cart (tilts to 45°).



Foot pedal on the ISM.



Flat conveyor cart.



ZDH500

Model No	Item No	EAN 13 Code
ISM 3.75.3	701846 13985	5450248 213239
ISC 3.75.3	701846 13986	5450248 144861

Technical data	ISM 3.75.3	ISC 3.75.3
Supply Voltage	400V 3~	400V 3~
Power kW	5,5kW (7,5Hp)	5,5kW (7,5Hp)
Fuse/Transformer/Generator	32 amp / 14 kVA	32 amp / 14 kVA
Max. blade x bore	Ø 500 x 25,4mm	Ø 500 x 25,4mm
Max cutting depth	190mm	190mm
Max cutting length	500mm	750mm
Flat cart (option)	465 x 615mm	710 x 615mm
Tilting cart (option)	455 x 580mm	710 x 610mm
Tool speed RPM	2062 min <sup>-1</sup>	2062 min <sup>-1</sup>
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>	< 2,5 m/s <sup>2</sup>
Sound power / pressure level	99 dB (A) / 85 dB (A)	99 dB (A) / 85 dB (A)
Dimensions (LxWxH)	1400 x 760 x 1750mm	1650 x 760 x 1750mm
Weight	248kg	280kg

Conveyor carts, dust collectors and water supply system are available as accessories.



Find SUITABLE BLADES on pages 20-56 and ACCESSORIES on page 86 !





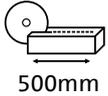
# LARGE MASONRY BLOCK SAW

## JUMBO 651



The CLIPPER Jumbo 651 is a powerful and robust saw, designed for continuous operation on the job site or industrial locations.

4,8 > 5,5kW  
Ø 650mm



500mm

212kg

400V 3~  
or  
Petrol

Features	Benefits
Heavy duty frame with 4 wheels	Easy movement on site
2 wheels with locking device	Secure machine during cutting operations
Conveyor cart with 4 location rollers	Excellent cutting accuracy
Easy access to blade	Save time for tool change
Easy access to water pump	Easy maintenance



Easy access to the water pump.



2 wheels with locking device.



Heavy-duty frame with 4 wheels.



Easy access to the blade.

Model No	Item No	EAN 13 Code
JUMBO 651 6.75.3	701846 26446	5450248 350811
JUMBO 6-55 P	701846 10073	5450248 143680

Technical data	JUMBO 651 6.75.3	JUMBO 6-55 P
Power Source/Motor type	Electric	Petrol / HONDA GX200
Supply Voltage/ Power kW (Hp)	400V 3~ / 5,5kW (7,5Hp)	4,8kW (6,5Hp)
Fuse/Transformer/Generator	32 amp / 14 kVA	-
Max. blade x bore	Ø 650 x 25,4mm	Ø 650 x 25,4mm
Max cutting depth	265mm	265mm
Max cutting length	500mm	500mm
Table size	600 x 500mm	600 x 500mm
Tool speed RPM	1350 min <sup>-1</sup>	1350 min <sup>-1</sup>
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>	< 2,5 m/s <sup>2</sup>
Sound power / pressure level	100 dB (A) / 86 dB (A)	105 dB (A) / 93 dB (A)
Dimensions (LxWxH)	1700 x 800 x 1480mm	1700 x 800 x 1480mm
Weight	212kg	212kg



Find SUITABLE BLADES on page 32 and ACCESSORIES on page 86 !



# JUMBO 900 & 1000



JUMBO 900

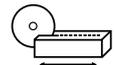
The CLIPPER 900 and 1000 are the largest bench saws in the range.



Features	Benefits
Heavy duty frame with 4 wheels	Easy movement on site
2 wheels with locking device	Secure machine during cutting operations
Graduated scale	Repeatability of cutting depth
Easy access to blade	Save time for tool change
Cutting head with balancing spring	Accurate positioning

7,5 > 9,6kW

Ø 900 > 1000mm



720mm

360 > 370kg

400V 3~ or Petrol

### EASY START

A centrifugal clutch device allows easy starting of the machine JUMBO 1000 P13.



JUMBO 1000

The CLIPPER Jumbo 1000 can only be used with 1000 mm blade.



Mechanical water pump.



2 wheels with locking device.



Cutting head with balancing spring.



Easy access to the blade.

Model No	Item No	EAN 13 Code
JUMBO 900	701846 10071	5450248 143512
JUMBO 1000	701846 20447	5450248 300464
JUMBO 1000 P13	701846 26445	5450248 350804

Technical data	JUMBO 900	JUMBO 1000	JUMBO 1000 P13
1 diamond blade included	Ø 900mm	Ø 1000mm	Ø 1000mm
Power Source/Motor Type	Electric	Electric	Petrol / HONDA GX390
Supply Voltage/Power kW (Hp)	400V~3 / 7,5kW (10Hp)	400V~3 / 7,5kW (10Hp)	9,6kW (13Hp)
Fuse/Transformer/Generator	32 amp / 19 kVA	32 amp / 19 kVA	-
Max. blade x bore	Ø 900 x 60mm	Ø 1000 x 60mm	Ø 1000 x 60mm
Max cutting depth	370mm	420mm	420mm
Max cutting length	720mm	720mm	720mm
Table size	720 x 800mm	720 x 800mm	720 x 800mm
Tool speed RPM	928 min <sup>-1</sup>	928 min <sup>-1</sup>	928 min <sup>-1</sup>
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>	< 2,5 m/s <sup>2</sup>	< 2,5 m/s <sup>2</sup>
Sound power / pressure level	100 dB (A) / 86 dB (A)	100 dB (A) / 86 dB (A)	100 dB (A) / 86 dB (A)
Dimensions (LxWxH)	2000 x 1080 x 1700mm	2000 x 1080 x 1700mm	2000 x 1080 x 1700mm
Weight	360kg	370kg	370kg



Find SUITABLE BLADES on page 32 and ACCESSORIES on page 86 !





## MASONRY SAWS ACCESSORIES & SPARE PARTS



JCW

Accessories	Item No	EAN 13 Code
Side extension	3100 02314	5450248 151869
Cutting guide 45°	3100 04537	5450248 088592
Tilting table 0-45°	3100 04560	5450248 089896
Spare parts	Item No	EAN 13 Code
Mechanical water pump	3100 04237	5450248 071358
Conveyor cart wheels (set of 4)	3100 04676	5450248 098393
Complete switch 230V	3103 69467	5450248 440116
Belt XPZ 1600 LW (for JCW 1-30-1 230V)	3103 69466	5450248 440109



CM401

Accessories	Item No	EAN 13 Code
1 - Side extension	3100 07579	5450248 226925
2 - Cutting guide 45 °	3100 07657	5450248 221241
3 - Tilting table 0-45°	3100 12201	5450248 238973
Spare parts	Item No	EAN 13 Code
Water pump	3100 04436	5450248 080909
4 - Conveyor cart wheels (set of 4)	3100 07312	5450248 212409
Belt XPZ 1530LW JCW/ECW/EDW	3100 04357	5450248 077275
Belt XPZ 1500LW	3100 04360	5450248 077411
Belt XPZ 1287LW	3100 03985	5450248 052319
Belt XPZ 562LW	3100 07338	5450248 213147
5 - Complete switch 230V	3100 04332	5450248 075790
Complete switch 400V	3100 05684	5450248 125877
6 - Emergency stop (machine with petrol engine)	3100 07361	5450248 213086



CMR351

Spare parts	Item No	EAN 13 Code
Water pump	3100 04389	5450248 078784
Switch 230V	3103 70255	5450248 440987



**CST MODULO**

Accessories	Item No	EAN 13 Code
1 - Side extension roller	3100 08263	5450248 158448
2 - Side extension flat	3100 08264	5450248 158455
3 - Lateral guide-a-cut	3100 08265	5450248 158462
4 - Guide-a-cut 0-45°	3100 08268	5450248 158493
5 - Laserkit	3100 47997	5450248 373605
Spare parts	Item No	EAN 13 Code
Water pump	3100 04389	5450248 078784
6 - Complete switch	3100 12041	5450248 231790



**CM501**

Accessories	Item No	EAN 13 Code
Cutting guide 45 °	3100 04537	5450248 088592
Tilting table	3100 04556	5450248 089353
Side extension	3100 04557	5450248 089377
Transport accessory	3100 04609	5450248 095187
1 - Hood	3100 04580	5450248 089312
Dust extraction bag type	3100 04544	5450248 088844
Electric hourmeter kit	3100 06307	5450248 157786
Spare parts	Item No	EAN 13 Code
Belt XPZ 1500 LW	3100 04360	5450248 077411
Belts XPZ 1550 for EDW Major 3.55.3, 3.55.3 Duo-Spanning and 3.50.P (set of 2)	3100 04440	5450248 080985
2 - Water pump	3103 25955	5450248 054634
3 - Complete switch 400V	3100 05308	5450248 118923
Complete switch 230/400V for EDW Major 3.55.3 Duo-Spanning	3100 05683	5450248 125860
4 - Conveyor cart wheels (set of 4)	3100 04676	5450248 098393





# MASONRY SAWS ACCESSORIES



ISC & ISM

Accessories	Item No	EAN 13 Code
1 - Tilting table 0-45° for ISM	3100 04702	5450248 099376
Tilting table 0-45° for ISC	3100 04539	5450248 088707
Flat conveyor cart for ISM	3100 04704	5450248 099390
Flat conveyor cart for ISC	3100 04703	5450248 099383
Watering device complete	3100 04732	5450248 100829
Hood	3100 04552	5450248 089070
2 - Dust extraction bag type	3100 04544	5450248 088844
Dust extraction cabinet type	3100 04536	5450248 088240
Spare parts	Item No	EAN 13 Code
3 - Belts ZPX 1687 (set of 4)	3100 04311	5450248 074311



JUMBO 651

Accessories	Item No	EAN 13 Code
Tilting conveyor cart	3100 05275	5450248 118343
Spare parts	Item No	EAN 13 Code
1 - Electric water pump	3100 04500	5450248 082781
2 - Mechanical water pump	3103 25956	5450248 396208
3 - Belts (set of 3)	3100 05390	5450248 120049
4 - Complete switch 400V	3100 07485	5450248 215868



JUMBO 900 & JUMBO 1000

Accessories	Item No	EAN 13 Code
Adjustable cutting guide	3100 04590	5450248 093961
1 - Electric water pump (JUMBO 900)	3103 04383	5450248 057574
2 - Mechanical water pump (JUMBO 1000)	3103 15541	5450248 350149
Spare parts	Item No	EAN 13 Code
3 - Belts (set of 3)	3100 04503	5450248 082927
4 - Complete switch 400V	3100 07485	5450248 215868



# The CLIPPER Solutions Floor Saws

*clipper*®





## C51



Compact, robust and highly manoeuvrable machines designed for both wet and dry cutting of concrete and asphalt.

6,5 Hp  
Ø 350mm  
76kg  
Petrol

Features	Benefits
Cutting depth adjustment with crank	Quick and easy setting, user's comfort
Adjustable handles height, whatever cutting depth	Ergonomic user's working position
Compact design	Easy storage and transportation
Large diameter rear wheels coated with hard rubber	Robustness and stability
Sealed wheel bearings	Reliability
Removable 20 litre polyurethane water tank	Easy wet cutting in isolated locations
Cutting guide attached to machine frame	Accurate and straight cutting
Water hose connector	Avoid water tank refill when water supply is close to working area



Removable 20 litre polyurethane water tank.



Sealed wheel bearings.



Height of handles can be easily adjusted.



Ergonomic working condition.



CLASSIC ASPHALT

Model No	Item No	EAN 13 Code
C51	701846 83534	5450248 141730

Technical data	
Power source	Petrol
Motor type	HONDA GX200
Power kW (Hp)	4,8kW (6,5 Hp)
Max blade x bore	Ø 350 x 25,4mm
Max. cutting depth	125mm
Water tank capacity (removable)	20 L
Tool speed RPM	2800 min <sup>-1</sup>
Starter	Recoil
Raise and lower	Manual
Propelling	Push
Hand Arm Vibrations (hourly limit)	6,02 m/s <sup>2</sup>
Sound power / pressure level	100 dB (A) / 84 dB (A)
Dimensions (LxWxH)	780 x 460 x 890mm
Weight	76kg



Find SUITABLE BLADES on pages 20-56 and ACCESSORIES on page 100 !



# C71

The CLIPPER C71 is a compact and economical floor saw, for wet or dry cutting of asphalt or concrete.



Features	Benefits
Heavy duty frame	Robust
Continuous depth control with hand wheel and gauge	Quick, easy and accurate setting
Removable 20 litres polyurethane water tank	Easy wet cutting in isolated locations
Adjustable handles	Ergonomic user's working position
Rigid front pointer	Helps user to maintain straight and accurate cut
Blade shaft locking device	Easy blade removal
Grease nipples on rear wheels and blade shaft bearings	Easy maintenance
Rear wheels in recess from the cut	Easy cut along an opened trench
Parking brake	Safety

13 Hp  
 Ø 400mm  
 92kg  
 Petrol



Hand wheel and gauge.



Adjustable handles.



Rear wheels in recess from the cut.



Lifting eye.



SUPER ASPHALT EVO

Model No	Item No	EAN 13 Code
C71	701846 23802	5450248 235354

Technical data	
Power source	Petrol
Motor type	HONDA GX390 Cyclonic
Power kW (Hp)	9,6kW (13 Hp)
Max blade x bore	Ø 400 x 25,4mm
Max. cutting depth	140mm
Water tank capacity (removable)	20 L
Tool speed RPM	2850 min <sup>-1</sup>
Starter	Recoil
Raise and lower	Manual
Propelling	Push
Hand Arm Vibrations (hourly limit)	7,35 m/s <sup>2</sup>
Sound power / pressure level	105 dB (A) / 88 dB (A)
Dimensions (LxWxH)	1190 x 535 x 960mm
Weight	92kg



Find SUITABLE BLADES on pages 20-56 and ACCESSORIES on page 100 !





## C99



High power, compact robust machine designed for contractors, low vibration emissions.

13 Hp  
Ø 450mm  
100kg  
Petrol  
or  
Electric

Features	Benefits
Heavy duty frame	Robust, low vibration level
Continuous depth control with hand wheel and gauge	Quick, easy and accurate setting
Removable 20 litre polyurethane water tank	Easy wet cutting in isolated locations
Adjustable handles height, whatever cutting depth	Ergonomic user's working position
Optimized weight distribution	Outstanding cutting performance
Blade shaft locking device	Easy blade removal
Standard 20 mm twin blade mounting possibility	Ability to achieve a groove within a single cut
Grease nipples on rear wheels and blade shaft bearings	Easy maintenance
Rear wheels in recess from the cut	Easy cut along an opened trench
Parking brake	Safety



Petrol 13 Hp



Depth control indicator.



Removable water tank (20L).



Minimum vibrations.



Easy blade change.

Model No	Item No	EAN 13 Code
C99 P13	701846 13938	5450248 170631

Technical data	C99 P13
Power source	Petrol
Motor type	HONDA GX390 Cyclonic
Power kW (Hp)	9,6kW (13 Hp)
Max blade x bore	Ø 450 x 25,4mm
Max. cutting depth	165mm
Water tank capacity	20 L
Tool speed RPM	2850 min <sup>-1</sup>
Starter	Recoil
Raise and lower	Manual
Propelling	Push
Hand Arm Vibration (hourly limit)	4,7 m/s <sup>2</sup>
Sound power / pressure level	100 dB (A) / 88 dB (A)
Dimensions (LxWxH)	1160 x 512 x 990mm
Weight	100kg



Find **SUITABLE BLADES** on pages 20-56 and **ACCESSORIES** on page 100 !



**ELECTRIC VERSIONS** on pages 97 to 99 !



**NEW**

**CS451**



The CS451 is a new generation CLIPPER floor saw designed to combine robustness, functionality and vibration level reduced by 40% for best user's satisfaction.

7 > 13 Hp  
 Ø 450mm  
 112 > 120kg  
 Petrol or Diesel

Features	Benefits
Handlebar equipped with vibration absorbers	Improved user's working conditions
Handlebar's height adjustment	Ergonomic user's working position
Optimised weight distribution (positioning of motor and tank)	Outstanding cutting performance
High capacity water tank (25L)	Wet cutting possibility, even far from water supply
Easy removal of water tank	User friendly
Three cutting guides (on top and back of blade guard and in front of the machine)	Helps user to maintain straight and accurate cut
Continuous depth control with handwheel and gauge	Quick, easy and accurate setting
Integrated lifting hook	Easy loading and transportation
Rear wheels in recess from the cut	Easy cut along an opened trench
Pulleys with removable hub and Poly V belts	Reliability and easy maintenance
Heavy duty bearings with nipples on 30mm diameter blade shaft	Easy maintenance
Parking brake	Safety



Handlebar equipped with vibration absorbers.



Rear cutting guide.



Integrated lifting hook.



Pulleys with removable hub and Poly V belts.



Easy removal of water tank.

Model No	Item No	EAN 13 Code
CS451 P13	701846 28433	5450248 397601
CS451 D7	701846 29089	5450248 399049

Technical data	CS451 P13	CS451 D7
Power source	Petrol	Diesel
Motor type	HONDA GX390 Cyclonic	HATZ 1B30
Power kW (Hp)	9,6kW (13Hp)	5kW (7Hp)
Max blade x bore	Ø 450 x 25,4mm	Ø 450 x 25,4mm
Max. cutting depth	170mm	170mm
Water tank capacity	25 L	25 L
Tool speed RPM	2573 min <sup>-1</sup>	2573 min <sup>-1</sup>
Starter	Recoil	Crank
Raise and lower	Manual	Manual
Propelling	Push	Push
Hand Arm Vibration (hourly limit)	1,9 m/s <sup>2</sup>	4,7 m/s <sup>2</sup>
Sound power / pressure level	105 dB (A) / 88 dB (A)	110 dB (A) / 91 dB (A)
Dimensions (LxWxH)	1180 x 538 x 1040mm	1180 x 538 x 1040mm
Weight	112kg	120kg



Find SUITABLE BLADES on pages 20-56 and ACCESSORIES on page 100 !



## CS1



A robust, powerful machine for all types of repair work on both concrete and asphalt surfaces.

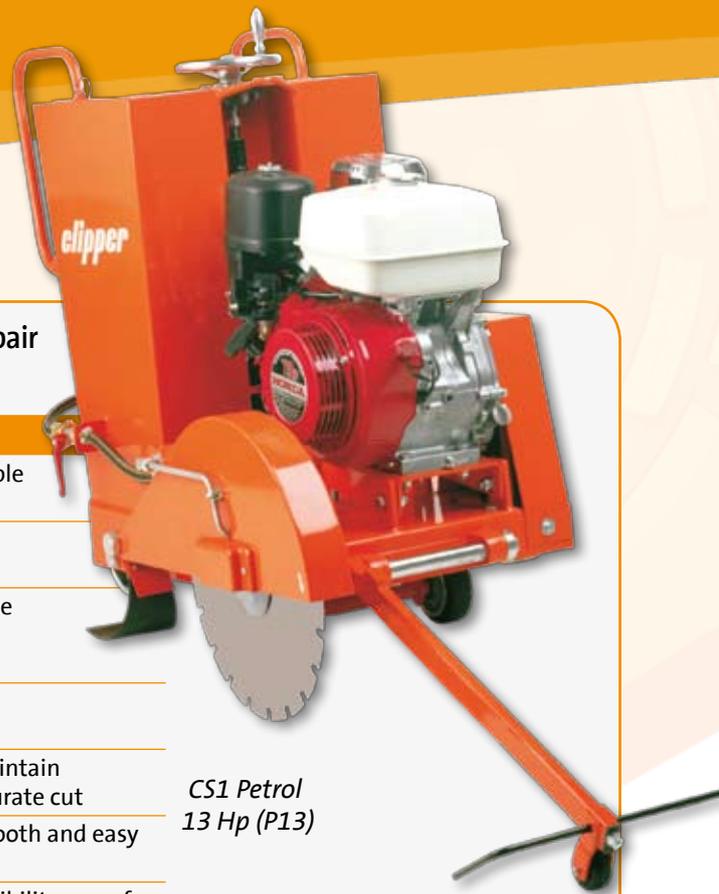
10 > 20 Hp

Ø 350 > 500mm

140 > 161kg

Petrol or Diesel

Features	Benefits
Heavy duty jig welded steel frame	Robust and reliable
Hand wheel with endless screw depth control system	Quick, easy and accurate setting
Blade shaft mounted on "greased-for-life" pillow block bearings	Easy maintenance
Water flow control system on both sides of the blade	Optimised blade performance
Rigid front pointer	Helps user to maintain straight and accurate cut
Top quality wheels	Long lasting, smooth and easy cutting
High capacity water tank	Wet cutting possibility, even far from water supply
Water hose connector	Avoid water tank refill when water supply is close to working area



CS1 Petrol 13 Hp (P13)



Hand wheel with endless screw depth control system.



Water flow system on both sides of the blade.



CS1 Petrol 20 Hp (P20)



CS1 Diesel 10 Hp (D10)



Rigid front pointer.



Ergonomic working position.

Model No	Item No	EAN 13 Code
CS1 P13	701846 29389	5450248 414797
CS1 P20 Ø350	701846 30393	5450248 439769
CS1 P20 Ø500	701846 28865	5450248 414414
CS1 D10	701846 30048	5450248 440789

Technical data	CS1 P13	CS1 P20 Ø350	CS1 P20 Ø500	CS1 D10
Power source	Petrol	Petrol	Petrol	Diesel
Motor type	HONDA GX390 Cycl.	HONDA GX620	HONDA GX620	HATZ 1B40
Power kW (Hp)	9,6kW (13 Hp)	14,7kW (20 Hp)	14,7kW (20 Hp)	7,5kW (10Hp)
Max blade x bore	Ø 500 x 25,4mm	Ø 350 x 25,4mm	Ø 500 x 25,4mm	500 x 25,4mm
Max. cutting depth	190mm	115mm	190mm	190mm
Water tank capacity	70 L	70 L	70 L	70 L
Tool speed RPM	2600 min <sup>-1</sup>	2556 min <sup>-1</sup>	2272 min <sup>-1</sup>	2272 min <sup>-1</sup>
Starter	Recoil	Electric	Electric	Crank
Raise and lower	Manual	Manual	Manual	Manual
Propelling	Push	Push	Push	Push
Hand Arm Vibrations (hourly limit)	4,22 m/s <sup>2</sup>	3,8 m/s <sup>2</sup>	3,9 m/s <sup>2</sup>	8,2 m/s <sup>2</sup>
Sound power/press.level	105dB(A)/89dB(A)	107dB(A)/88dB(A)	107dB(A)/88dB(A)	106dB(A)/100dB(A)
Dimensions (LxWxH)	1088x580x925mm	1088x580x925mm	1088x580x925mm	1088x580x925mm
Weight	140kg	150kg	150kg	161kg



Find SUITABLE BLADES on pages 20-56 and ACCESSORIES on page 100 !



# CS501



The CLIPPER CS501 is a heavy duty floor saw designed with anti-vibration system and high capacity water tank. An optional kit allows use of 600mm diameter blades.

15 Hp  
 Ø 500mm  
 192 > 265kg  
 Petrol or Diesel

CS501 15 Petrol Hp (P15)

Features	Benefits
Heavy duty construction integrating vibration aspects	Low vibration level
Ergonomic handles	User friendly
Rigid front pointer	Helps user to maintain straight and accurate cut
Top quality wheels	Long lasting, smooth and easy cutting
High capacity water tank	Wet cutting possibility, even far from water supply



CS501 Diesel - 15Hp (D15)



Special design of blade cover.



Ergonomic handles.



Easy blade change.



Rigid front pointer.



Ergonomic working position.

Model No	Item No	EAN 13 Code
CS501 P15	701846 26934	5450248 371403
CS501 D15 ES	701846 26932	5450248 371434

Technical data	CS501 P15	CS501 D15 ES
Power source	Petrol	Diesel
Motor type	HONDA IGX 440	HATZ 1D90
Power kW (Hp)	11,2kW (15 Hp)	11,2kW (15 Hp)
Max blade x bore	Ø 500 x 25,4mm	Ø 500 x 25,4mm
Max. cutting depth	190mm	190mm
Water tank capacity	50 L	50 L
Tool speed RPM	2556/2272 min <sup>-1</sup>	2225 min <sup>-1</sup>
Starter	Recoil	Electric
Raise and lower	Manual	Manual
Propelling	Push	Push
Hand Arm Vibrations (hourly limit)	4,01 m/s <sup>2</sup>	4,9 m/s <sup>2</sup>
Sound power level	105 dB (A)	114 dB (A)
Sound pressure level	89 dB (A)	101 dB (A)
Dimensions (LxWxH)	1185x600x1095mm	1185x600x1095mm
Weight	192kg	265kg



Find SUITABLE BLADES on pages 20-56 and ACCESSORIES on page 101 !



## CSB1



13 > 20 Hp

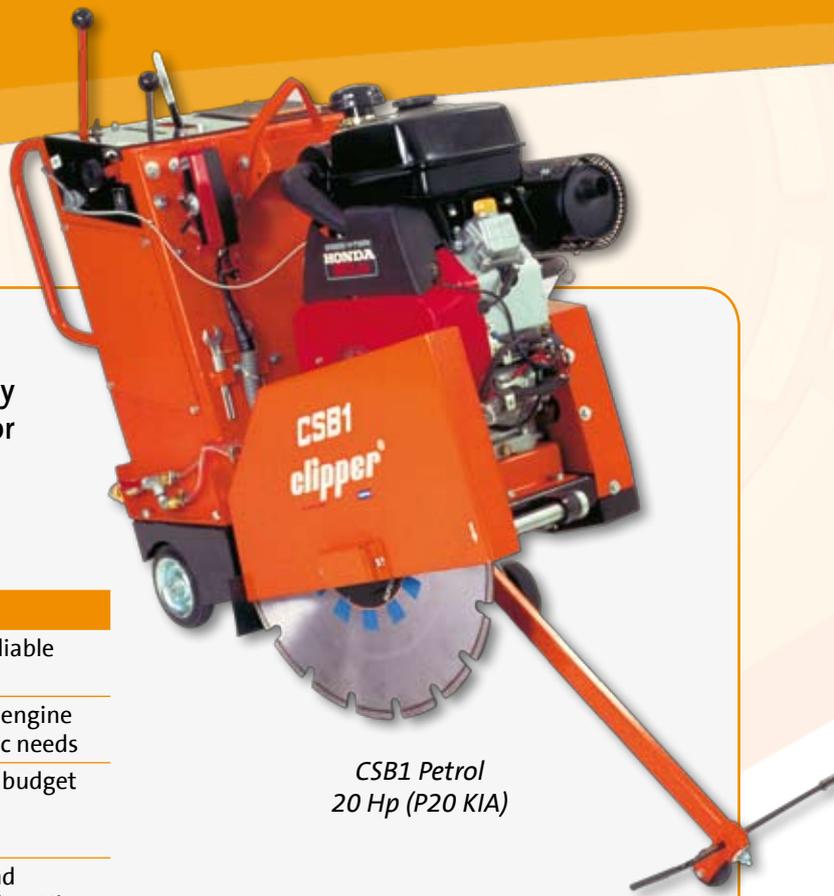
Ø 500 > 600mm

181 > 255kg

Petrol or diesel

A fully self-propelled heavy duty machine driving a 500mm or 600mm diamond blade.

Features	Benefits
Heavy duty jig welded steel frame	Robust and reliable
Multiple engine options	Adapt type of engine to your specific needs
Two forward propulsion options (hand wheel, self-propelled)	Adapt to your budget
Manual or hydraulic raise and lower of the blade	Quick, easy and accurate depth setting



CSB1 Petrol 20 Hp (P20 KIA)



Manual or hydraulic raise and lower of the blade.



Built-in water tank.



Built-in lifting eye.



CSB1 Petrol 13 HP (P13)

Model No	Item No	EAN 13 Code
CSB1 P20 KIA	701846 13949	5450248 171386
CSB1 P13 HMA	701846 13920	5450248 142461
CSB1 D13 HMA	701846 13926	5450248 142836

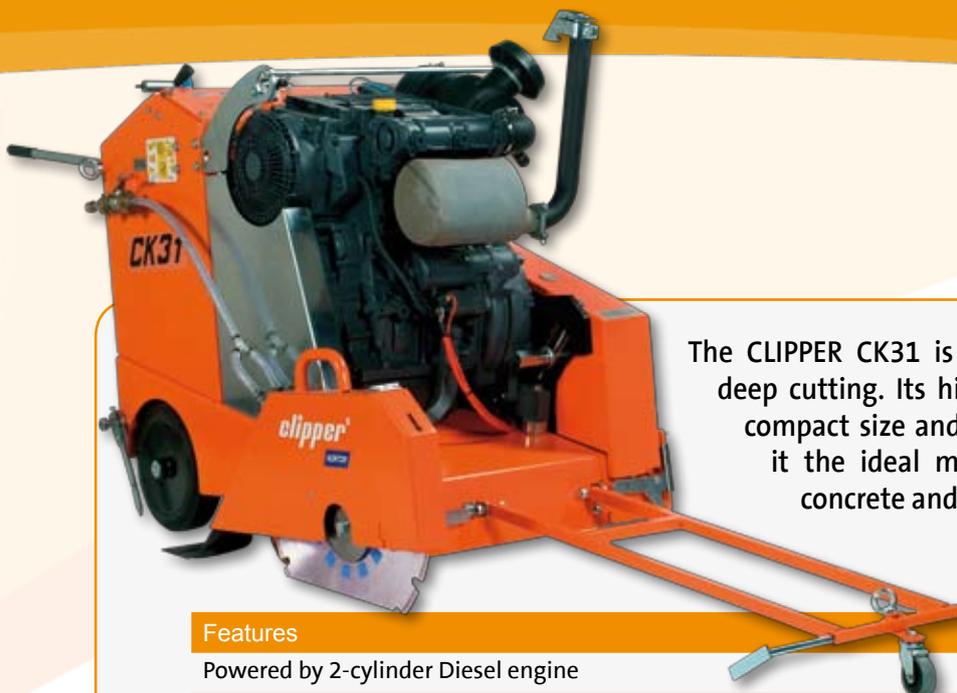
Technical data	CSB1 P20 KIA	CSB1 P13 HMA	CSB1 D13 HMA
Power source	Petrol	Petrol	Diesel
Motor type	HONDA GX620	HONDA GX390 Cyclonic	HATZ 1D81 Z
Power kW (Hp)	15kW (20 Hp)	9,6 kW (13 Hp)	9,5kW (13 Hp)
Max. blade x bore	Ø 600 x 25,4mm	Ø 500 x 25,4mm	Ø 500 x 25,4mm
Max. cutting depth	225mm	190mm	190mm
Water tank capacity	25 L	25 L	40 L
Tool speed RPM	1775 min <sup>-1</sup>	2225 min <sup>-1</sup>	1950 min <sup>-1</sup>
Starter	Electric	Recoil	Crank
Raise and Lower	Manual hydraulic	Manual	Manual
Propelling	Automatic	Automatic	Automatic
Hand Arm Vibrations (hourly limit)	3,4 m/s <sup>2</sup>	6,09 m/s <sup>2</sup>	5,08 m/s <sup>2</sup>
Sound power / pressure level	107 dB(A)/88 dB(A)	110 dB(A)/89 dB(A)	114 dB(A)/101 dB(A)
Dimensions (LxWxH)	1200x600x1100mm	1200x600x1100mm	1200x600x1040mm
Weight	233kg	181kg	255kg



Find SUITABLE BLADES on pages 20-56 and ACCESSORIES on page 101 !



# CK31



The CLIPPER CK31 is a professional saw for deep cutting. Its high production capacity, compact size and ease of handling make it the ideal machine for all types of concrete and asphalt sawing.



31 Hp  
 Ø 700mm  
 660kg  
 Diesel

Features	Benefits
Powered by 2-cylinder Diesel engine	High production capacity
Simple transmission belts tensioner setting	Easy belts tension setting
Left or right side blade and front pointer mounting	Increase machine configurations to adapt to working environment
Standard configuration including hour meter, flexible rear pointer, ergonomical handles and parking brake	User friendly
Hydrostatic variable self propulsion system with mechanical clutch and fine feed mechanism	Better control increasing blade lifetime
Adjustable rear machine axle	Adapt machine path
Large diameter wheels	Maximum ground clearance and easy manoeuvring
Integrated lifting hook	Easy loading and transportation



Comprehensive control panel and easy reach of operator.



Flexible rear pointer.



Rigid front pointer.



Easy access for blade changing.



Ergonomical handles.

Model No	Item No	EAN 13 Code
CK31 KSA	701846 21027	5450248 306382

Technical data	
Power source	Diesel
Motor type	DEUTZ 2 cylinders F2L2011
Power kW (Hp)	23kW (31 Hp)
Max blade x bore	Ø 700 x 25,4mm
Max. cutting depth	280mm
Fuel tank capacity	30 L
Tool speed RPM	1550 min <sup>-1</sup>
Starter	Electric
Raise and Lower	Electro-hydraulic
Propelling	Automatic
Hand Arm Vibrations (hourly limit)	9,42 m/s <sup>2</sup>
Sound power / pressure level	114 dB (A) / 100 dB (A)
Dimensions (LxWxH)	1430 x 820 x 1280mm
Weight	660kg



Find SUITABLE BLADES on pages 20-56 and ACCESSORIES on page 102 !



## CK61



61 Hp  
 Ø 900mm  
 760kg  
 Diesel

Sturdy construction makes the CK61 the ideal machine for the professional contractor sawing green concrete, cured concrete or asphalt, whilst the compact design ensures ease of handling for all road, motorway or airfield cutting applications.



### Features

- Powerful 3-cylinder Diesel engine
- Simple transmission belts tensioner setting
- Left or right side blade and front pointer mounting
- Standard configuration including hour meter, flexible rear pointer, ergonomical handles and parking brake
- Hydrostatic variable self propulsion system with mechanical clutch and fine feed mechanism
- Adjustable rear machine axle
- Electro-hydraulic cutting depth setting

### Benefits

- Huge production capacity
- Easy belts tension setting
- Increase machine configurations to adapt to working environment
- User friendly
- Better control increasing blade lifetime
- Adapt machine path
- Easy and accurate setting



Easy blade change.



Rigid front pointer.



Ergonomic control panel.



Ergonomic working condition.



AVANTIS

Model No	Item No	EAN 13 Code
CK61 KSA	701846 21029	5450248 306405

Technical data	
Power source	Diesel
Motor type	DEUTZ BF3L 2011
Power kW (Hp)	45kW (61 Hp)
Max blade x bore	Ø 900 x 25,4mm
Max. cutting depth	360mm
Fuel tank capacity	30 L
Tool speed RPM	1180 min <sup>-1</sup>
Starter	Electric
Raise and Lower	Electro-hydraulic
Propelling	Automatic
Hand Arm Vibrations (hourly limit)	9,9 m/s <sup>2</sup>
Sound power / pressure level	114 dB (A) / 100 dB (A)
Dimensions (LxWxH)	1430 x 980 x 1280mm
Weight	760kg



Find SUITABLE BLADES on pages 20-56 and ACCESSORIES on page 102 !



## C99 E 75.3

The CLIPPER C99 E 75.3 is a robust, low vibration floor saw with ergonomics features and easy maintenance.



Features	Benefits
Heavy duty frame	Robust, low vibration level
Continuous depth control with hand wheel and gauge	Quick, easy and accurate setting
Water hose connector	Allows wet cutting
Adjustable handles height, whatever cutting depth	Ergonomic user's working position
Optimised weight distribution	Outstanding cutting performance
Blade shaft locking device	Easy blade removal
Standard 20 mm twin blade mounting possibility	Ability to achieve a groove within a single cut
Grease nipples on rear wheels and blade shaft bearings	Easy maintenance
Rear wheels in recess from the cut	Easy cut along an opened trench
Parking brake	Safety

5,5 kW  
 Ø 450mm  
 105kg  
 Electric  
 400V 3~



Water hose connector.



Grease nipples.



Twin blade mounting.



Heavy duty frame.



CLASSIC ASPHALT

Model No	Item No	EAN 13 Code
C99 E 75.3	701846 13946	5450248 170662

Technical data	
Supply Voltage	400V 3~
Power kW	5,5kW (7,5 Hp)
Fuse/Generator	16 amp / 14 kVA
Max blade x bore	Ø 450 x 25,4mm
Max. cutting depth	165mm
Tool speed RPM	2850 min <sup>-1</sup>
Starter	Electric
Raise and lower	Manual
Propelling	Push
Hand Arm Vibrations (hourly limit)	2,96 m/s <sup>2</sup>
Sound power / pressure level	94 dB (A) / 80 dB (A)
Dimensions (LxWxH)	1160 x 512 x 990mm
Weight	105kg



Find SUITABLE BLADES on pages 20-56 and ACCESSORIES on page 102 !





# ELECTRIC FLOOR SAWS

## CS 7,5 E



The CLIPPER CS 7,5 E is a basic machine with manual feed, hand wheel raise and lower mechanism.



7,5 kW  
 Ø 800mm  
 118kg  
 Electric  
 400V 3~

Features	Benefits
Heavy duty frame	Robust, low vibration level
Electrical motor	No gas emission, low noise level, adapted to confined areas
Compact design with easily removable motor	Easy transport
Adjustable handles height, whatever cutting depth	Ergonomic user's working position
Left or right side blade mounting	Increase machine configurations to adapt to working environment
Continuous depth control with crank and gauge	Quick, easy and accurate setting
Water hose connector	Allows wet cutting
Water supply through blade shaft	Full water coverage of blade for a better efficiency
Integrated lifting hook	Easy loading and transportation



Water hose connector.



Integrated lifting hook.



Adjustable handles.



WS CLASSIC

Model No	Item No	EAN 13 Code
CS 7,5 E 800	701846 23924	5450248 333623

Technical data	
Supply Voltage	400V 3~
Power kW	7,5kW (10 Hp)
Fuse/Generator	16 amp / 19 kVA
Max blade x bore	Ø 800 x25,4mm
Max. cutting depth	320mm
Water tank capacity	NA
Tool speed RPM	1460 min <sup>-1</sup>
Starter	Electric
Raise and lower	Manual
Propelling	Push
Hand Arm Vibrations (hourly limit)	4,86 m/s <sup>2</sup>
Sound power/ pressure level	94 dB (A) / 80 dB (A)
Dimensions (LxWxH)	1270 x 580 x 1000mm
Weight	118kg



Find SUITABLE BLADES on pages 20-56 and ACCESSORIES on page 102 !



## CS15 EV 1200

The CS15 EV has a fully regulated feed, hand wheel raise and lower mechanism.



15 kW  
Ø 1200mm  
270kg  
Electric  
400V 3~

Features	Benefits
Heavy duty frame	Robust, low vibration level
High power electrical motor	No gas emission, low noise level, adapted to confined areas
Electronically controlled automatic propelling speed from 0 to 3 m/min	Better control increasing blade lifetime
Left or right side blade mounting	Increase machine configurations to adapt to working environment
Continuous depth control with crank and gauge	Quick, easy and accurate setting
Water hose connector	Allows wet cutting
Water supply through blade shaft	Full water coverage of blade for a better efficiency
Integrated lifting hook	Easy loading and transportation



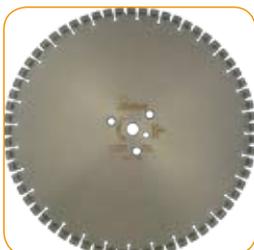
High power electrical motor.



Integrated lifting hook.



Heavy duty frame.



AVANTIS 10

Model No	Item No	EAN 13 Code
CS15 EV 1200	701846 26700	5450248 372127

Technical data	
Supply Voltage	400V 3~
Power kW	15kW (20,4 Hp)
Fuse/Generator	32 amp / 38 kVA
Max blade x bore	Ø 1200 x 35mm
Max. cutting depth	510mm
Water tank capacity	NA
Tool speed RPM	1020 min <sup>-1</sup>
Starter	Electric
Raise and Lower	Manual
Propelling	Automatic
Hand Arm Vibrations (hourly limit)	<2,5 m/s <sup>2</sup>
Sound power / pressure level	97 dB (A) / 81 dB (A)
Dimensions (LxWxH)	1600 x 800 x 900mm
Weight	270kg



Find SUITABLE BLADES on pages 20-56 and ACCESSORIES on page 102 !





## FLOOR SAWS ACCESSORIES & SPARE PARTS



C99

Accessories	Item No	EAN 13 Code
1 - Belts XPZ 730 (set of 4)	3100 06573	5450248 172758
2 - Water tray	3100 06559	5450248 172451



CS451

Accessories	Item No	EAN 13 Code
Belt Poly-V 10PK 698mm	3103 49309	5450248 398875
Water tank complete	3103 51798	5450248 398882
Kit twin blade mounting	3103 57954	5450248 446507



C 51

Accessories	Item No	EAN 13 Code
1 - Belts XPZ 562 (Set of 3)	3100 06076	5450248 136446
2 - Water tray	3100 06559	5450248 172451



C 71

Accessories	Item No	EAN 13 Code
1 - Belts XPZ 800 (Set of 4)	3100 04837	5450248 106623
2 - Water tray	3100 06559	5450248 172451



CS1

Spare parts	Item No	EAN 13 Code
1 - Belts - diesel (set of 4)	3100 04253	5450248 071747
1 - Belts - petrol 20Hp (set of 5)	3103 48738	5450248 440956
1 - Belts - petrol 13Hp (set of 4)	3100 06958	5450248 189152





CS501

Spare parts	Item No	EAN 13 Code
1 - Belt Poly-V 8PK 740 (P13)	3103 26414	5450248 373391
Belt Poly-V 12PK 775 (P15)	3103 26416	5450248 373407
Belt Poly-V 12PK 915 (D15 ES - D13 ES)	3103 26419	5450248 373438
Belt Poly-V 12PK 790 (P20)	3103 26417	5450248 373414
Belt Poly-V 8PK 841 (D11)	3103 26418	5450248 373421
2 - Front wheel	3100 04260	5450248 071839
2 - Rear wheel	3100 04261	5450248 071846
Accessories	Item No	EAN 13 Code
600mm blade conversion kit P13	3103 38336	5450248 394792
600mm blade conversion kit P15	3103 38337	5450248 394808
600mm blade conversion kit P20	3103 38338	5450248 394815
600mm blade conversion kit D11	3103 38339	5450248 394822
600mm blade conversion kit D15	3103 38340	5450248 394839



CSB1

Accessories	Item No	EAN 13 Code
Kit for 600 mm blade guard	3100 05876	5450248 129226





# FLOOR SAWS ACCESSORIES



CK31

Accessories	Item No	EAN 13 Code
Rotating warning light	3100 34409	5450248 237594
Spotlight kit	3100 24378	5450248 237617
350 blade conversion kit	3100 48104	5450248 350156
1 - Electric water pump kit	3100 33192	5450248 373711



CK61

Accessories	Item No	EAN 13 Code
Rotating warning light	3100 34409	5450248 237594
Spotlight kit	3100 24378	5450248 237617
350 blade conversion kit	3100 34410	5450248 350163
1 - Electric water pump kit	3100 33192	5450248 373711
600-700 blade conversion kit	3100 24380	5450248 396093



C99 E 75.3

Accessories	Item No	EAN 13 Code
2 - Blade guard for flush cut	3100 07069	5450248 193531



CS 7,5 E 800

Accessories	Item No	EAN 13 Code
3 - Blade guard for flush cut	3100 79153	5450248 238751

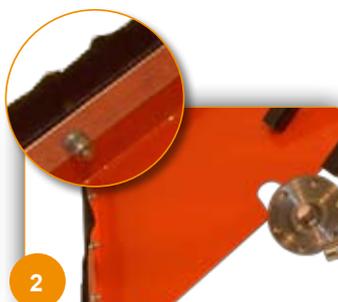


CS15 EV 1200

Accessories	Item No	EAN 13 Code
4 - Blade guard for flush cut	3103 27002	5450248 373506



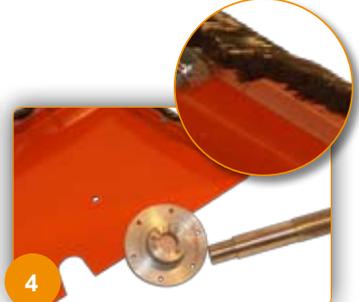
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# The CLIPPER Solutions Drill Rigs, Drilling Motors & Core Bits

*clipper*®





## DK 1203



Weka DK1203 is a powerful 110V 1.5kW 3 speed motor fitted with a heavy-duty centrifugal clutch. Speed ranges 580/1400/2900. Nose spindle is 1¼"UNC male, with adaptor to ½" BSP female.

- The DK1203 hand held motor is supplied with nose-mounted handle for easy 2 handed operation, effective dry drilling sizes from 22mm to 152mm diameter.
- Dust extraction can be used through the nose fitting when used in conjunction with solid dry core bits.

Model No	Item No	EAN 13 Code
DK 1203 Motor	3100 15426	5450248 372691

Max diameter	Weight complete
200 mm wet	20 kg

Motor	2 speed	Power	Voltage	Plug	Transformer	Spindle
DK 1203	580/1400/2900 rpm	1.5 kW	110 V	16 amp	3 kVA cont	½" BSP - 1¼"UNC

## NBM 80



1.3kW single speed motor at 2,000 rpm for dry drilling up to 152mm diameter, fitted with centrifugal safety clutch.

- Motor spindle fitted with ½" BSP male adaptor to fit directly into dry core bit ½" BSP female fitting.
- Complete in robust steel carry case.

Model No	Item No	EAN 13 Code
NBM 80 Motor	3100 48842	5450248 372707

Max diameter	Weight complete
152 mm dry	3.4 kg

Motor	2 speed	Power	Voltage	Plug	Transformer	Spindle
NBM 80	2000 rpm	1.3 kW	110 V	16 amp	3 kVA cont	16mm/½" BSP F





## COMET ARID +



### Dynamic

Most efficient specification for demanding professionals, made by the core-drilling market leader in the UK. Standard slotted version is recommended for drilling without dust collection (to prevent dust agglomeration). Unslotted version is ideal in combination with a dust collector (improved vacuum). Best drilling speed and life, even against toughest competitor benchmarks.



Item No	EAN 13 Code	Core length	Seg H (mm)
701846 29855	5450248 455721	300	28
701846 20764	5450248 455738	150	32
701846 16550	5450248 275992	150	38
701846 15513	5450248 265726	150	48
701846 20168	5450248 297826	150	52
701846 15514	5450248 265733	150	65
701846 16555	5450248 276043	150	78
701846 15515	5450248 265757	150	91
701846 16559	5450248 276098	150	107
701846 20169	5450248 297833	150	117
701846 16565	5450248 276159	150	127
701846 15516	5450248 265764	150	152
701846 28591	5450248 455745	150	162



## DD7

### Pro

Newly developed specification from our engineers in Luxembourg – hundreds of holes were required to reach the right specification. Improved productivity on the jobsite thanks to a faster drilling speed than DD5 range. Drills faster than most of the benchmark products on the market.



Item No	EAN 13 Code	Core length	Seg H (mm)
701846 40159	5450248 454663	150	32
701846 40160	5450248 454687	150	38
701846 40161	5450248 454793	150	52
701846 40162	5450248 454809	150	65
701846 40163	5450248 454816	150	78
701846 40164	5450248 454823	150	107
701846 40165	5450248 454847	150	117
701846 40166	5450248 454854	150	127
701846 40167	5450248 454861	150	152



## DD5

### Classic

Most affordable corebits for craftsmen and heavy DIYers. Strong R&D efforts on this range in 2009 to improve the performance/price ratio :

- . Conical connection shape to improve the mounting of the corebit => reduced vibrations, increased safety and better comfort
- . Longer segments on 52mm for stronger segment attachment
- . Segment optimisation to get the best balance between drilling speed, product life and comfort. Easier core extraction.



Item No	EAN 13 Code	Core length	Seg H (mm)
701846 20868	5450248 304883	300	22
701846 20351	5450248 230359	300	28
701846 20352	5450248 299592	150	38
701846 20353	5450248 299608	150	52
701846 40268	5450248 456193	150	65
701846 20354	5450248 299615	150	78
701846 20355	5450248 230366	150	107
701846 20356	5450248 230373	150	117
701846 20357	5450248 230380	150	127
701846 20358	5450248 299622	150	152





## DRY CORE BIT SETS



Item No	EAN 13 Code	Description
701846 21633	5450248 234852	Dry diamond core 3 set Containing : 38mm, 52mm, 117mm Cores, 1 x Hex, 1x SDS ½" Male Adaptors, 1 x Ejector Drift, 1 x A Taper Masonry Drill, 1 x 200mm Extension ½" Male-Female
701846 40014	5450248 453178	Dry diamond core 5 set Containing : 38mm, 52mm, 65mm, 117mm, 127mm Cores, 1 x Hex, 1 x SDS ½" Male Adaptors, 1 x Ejector Drift, 1 x A Taper Masonry Drill, 1 x 200mm Extension ½" Male-Female

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

## DISPLAY STAND

We can provide merchandising units to display the corebits and corebit-packages in an attractive way.





## DRY DRILLING ACCESSORIES



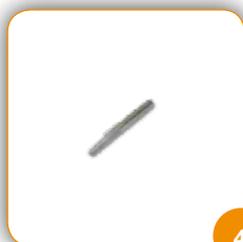
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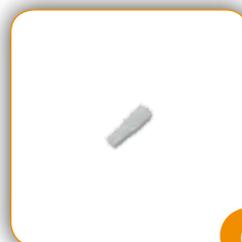
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Accessories	Item No	EAN 13 Code
1 - Dust Swivel	3100 11269	5450248 372714
5 - 150mm Extension	3100 11352	5450248 230410
5 - 250mm Extension	3100 11353	5450248 230427
Hex Adaptor Pack	3100 11356	5450248 234876
SDS Adaptor Pack	3100 11357	5450248 234883
SDS 200mm Extension Rod	3100 11355	5450248 230441
6 - 22mm core starter	3100 11360	5450248 372752
6 - 28mm core starter	3100 11361	5450248 372769
3 - HEX Adaptor	3100 11349	5450248 230397
7 - SDS Adaptor 1/2 male	3100 11354	5450248 230434
8 - Adaptor 1/2 male to male	3100 11358	5450248 372738
10mm A Taper Masonry Drill	3100 11347	5450248 372776
2 - Tapered Guide Rod	3100 11350	5450248 230403
4 - Ejector Drift	3100 11351	5450248 372721





## DDR1 - DDR2 - DDR3



Comprising of Shibuya R1011 single speed 650RPM, 1kW drill motor, with standard 1½" UNC motor spindle.

- With Shibuya TS092 drill stand with swivel base, column height 800mm.
- Maximum core bit diameter 80mm wet.
- Complete with tool kit.

Model No	Item No	EAN 13 Code
DDR1 Motor/stand complete	701846 20721	5450248 303268

Max diameter	Weight complete
80 mm wet	9.6 kg

Motor	Single speed	Power	Voltage	Plug	Transformer	Spindle
R1011	970 rpm	1 kW	110 V	16 amp	3 kVA cont	½" BSP

Stand	Motor mounting	Height	Base size	Base type
TS092	Fixed	800 mm	180 x 130	Swivel



The DK1203 can be rig mounted onto stand TS162H for wet drilling providing a compact drill rig DDR2.

- The hand held motor is 'nose' fitted to TS162H stand. The stand is equipped with swivel base for drilling angles up to 45 degrees.
- The DR1203 motor is supplied standard with 3 speed motor and 1½" UNC to ½" BSP motor spindle.
- Speed ranges 580/1400/2900 rpm for effective wet drilling from 10mm to 80mm diameter.

Model No	Item No	EAN 13 Code
DDR2 Motor	3100 15426	5450248 372691
DDR2 Stand	3100 35430	5450248 373162

Max diameter	Weight complete
80 mm wet	20 kg

Motor	3 speed	Power	Voltage	Plug	Transformer	Spindle
DK1203	580/1400/2900 rpm	1.5 kW	110 V	16 amp	3 kVA cont	½" BSP-1½" UNC

Stand	Motor mounting	Height	Base size	Base type
TS162H	Fixed	800 mm	250 x 180	Swivel



This Shibuya this drill rig is supplied with a R1521 110v 1.5kW 2-speed motor with speeds of 700 and 1000rpm.

- 1½" UNC motor spindle and supplied with 1½" UNC to ½" BSP adaptor. Suitable for core sizes up to 107mm.
- This rig has been designed for greater durability with reduced weight and noise by using GRP components.
- With its quick assembly features this rig is ideal for most site requirements with its fixed base.

Model No	Item No	EAN 13 Code
DDR3 Motor	3100 17150	5450248 372479
DDR3 Stand	3100 17128	5450248 372486

Max diameter	Weight complete
80 mm wet	20 kg

Motor	2 speed	Power	Voltage	Plug	Transformer	Spindle
R1521	700/1 000 rpm	1.5 kW	110 V	16 amp	3 kVA cont	1½" UNC

Stand	Motor mounting	Height	Base size	Base type
TS162	Fixed	800 mm	250 x 130	Swivel



## DDR4



Comprising of Shibuya R1721 110V 3.0kW motor with 2 speed gear box and an RPM range of 450/900. It has a standard 1½” UNC motor spindle and is supplied with a Shibuya TS252 drill stand with swivel base and has a column height of 800mm.

- Maximum core bit diameter 200mm.

Model No	Item No	EAN 13 Code
DDR4 Motor	3100 32240	5450248 372905
DDR4 Stand	3100 35431	5450248 372912

Max diameter	Weight complete
200 mm wet	18.2 kg

Motor	2 speed	Power	Voltage	Plug	Transformer	Spindle
R1721	450/900 rpm	1.7 kW	110 V	16 amp	3 kVA cont	1½” UNC
Stand	Motor mounting	Height	Base size	Base type		
TS252	Fixed	800 mm	217 x 158	Swivel		

## D10A



Single speed 420 RPM 2kW slow start drill motor, with standard 1½” UNC male, ½” BSP female motor spindle.

- Fitted with 16 amp plug and RCD.
- Drill stand with swivel base for drilling angles to 45 degrees, column height 700mm.
- Maximum core bit diameter 130mm wet.

Model No	Item No	EAN 13 Code
D10A Motor/stand complete	701846 22454	545024 8320548

Max diameter	Weight complete
130 mm wet	13 kg

Motor	3 speed	Power	Voltage	Plug	Transformer	Spindle
D10A	420 rpm	2 kW	110 V	16 amp	3 kVA cont	½” BSP - 1½”UNC
Stand	Motor mounting	Height	Base size	Base type		
D10A	Fixed	720 mm	380 x 170	Swivel		

- All rigs can be securely mounted by anchor fixing or vacuum pad and vacuum pump or jack screw.
- All Norton drill rig motors are supplied with water attachments for wet drilling.





# WET DRILLING CORE BITS

★★★★★  
Dynamic

## X3



The new X3 diamond drill 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.

Core drills with brazed segments. Length 450mm, 1 1/4" UNC female thread.

Application : concrete and reinforced concrete.



Item No	EAN 13 Code	OD / ID * (mm)	Number of segments	Segment L / W / H
701846 29370	5450248 414544	48/41	4	24/3,6/12
701846 29161	5450248 403296	52/45	5	24/3,6/12
701846 29338	5450248 414551	62/55	6	24/3,6/12
701846 29162	5450248 403302	67/60	6	24/3,6/12
701846 29163	5450248 403319	77/70	7	24/3,6/12
701846 29174	5450248 403364	82/75	7	24/3,6/12
701846 29167	5450248 403234	92/85	8	24/3,6/12
701846 29176	5450248 403388	102/95	9	24/3,6/12
701846 29091	5450248 403265	107/100	9	24/3,6/12
701846 29052	5450248 403258	112/105	10	24/3,6/12
701846 29455	5450248 414568	122/114	10	24/4/12
701846 29175	5450248 403371	127/119	10	24/4/12
701846 29339	5450248 414575	132/124	12	24/4/12
701846 29104	5450248 403272	152/144	13	24/4/12
701846 29165	5450248 403326	162/154	13	24/4/12
701846 29166	5450248 403333	178/170	13	24/4/12
701846 29349	5450248 403418	182/174	13	24/4/12
701846 29177	5450248 403395	187/179	14	24/4/12
701846 29178	5450248 403401	202/192	14	24/5/12
701846 29151	5450248 403289	212/202	15	24/5/12
701846 29179	5450248 414582	225/215	15	24/5/12
701846 29180	5450248 414698	250/240	16	24/5/12

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



Please contact our customer service for re-tipping segments.





## DK-02-C

Pro

For concrete and masonry walls. Length 300mm - connection ½" BSP male back end fitting.

Application : concrete, concrete products and other construction materials.



Item No	EAN 13 Code	OD/ID mm	Core length	Seg H mm
701846 12946	5450248 020578	12/8	300	10
701846 12947	5450248 020585	14/10	300	10
701846 12823	5450248 015901	16/12	300	10
701846 12824	5450248 015918	18/14	300	10
701846 12825	5450248 015925	20/16	300	10
701846 12826	5450248 015932	22/18	300	10
701846 12827	5450248 015949	25/21	300	10
701846 12828	5450248 015956	28/24	300	10
701846 12829	5450248 015963	30/26	300	10
701846 12830	5450248 015970	32/28	300	10
701846 12831	5450248 015987	35/31	300	10
701846 12833	5450248 016007	38/34	300	10
701846 12834	5450248 016014	40/36	300	10
701846 12835	5450248 016021	50/46	300	10

All above core drills have ½" BSP male back end fitting.



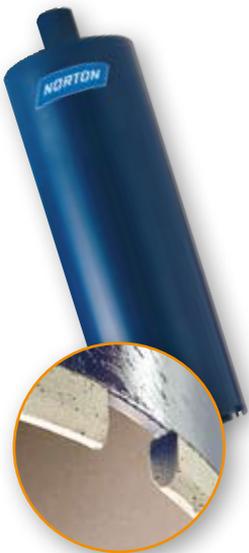
## DYN-CD

Pro

Core drills with laser welded segments for wet drilling.

Length 450mm, 1 ¼" UNC female thread.

Application : concrete and concrete products.



Item No	EAN 13 Code	OD/ID mm	Core length	Seg H mm
701846 24870	5450248 239123	52/45	450	10
701846 24872	5450248 239154	62/55	450	10
701846 24873	5450248 239161	67/70	450	10
701846 24875	5450248 239185	77/70	450	10
701846 24876	5450248 239192	82/75	450	10
701846 24879	5450248 239222	92/85	450	10
701846 24880	5450248 239239	102/95	450	10
701846 24881	5450248 239246	107/100	450	10
701846 24882	5450248 239253	112/115	450	10
701846 24884	5450248 239284	127/119	450	10
701846 24887	5450248 239314	152/144	450	10
701846 24888	5450248 239321	162/154	450	10
701846 24890	5450248 239345	182/174	450	10
701846 24892	5450248 239369	202/194	450	10
701846 24893	5450248 239376	212/203	450	10
701846 24894	5450248 239383	227/218	450	10
701846 24895	5450248 239406	252/243	450	10
701846 24897	5450248 239437	300/290	450	10

All above core drills have 1 ¼" UNC female back end fitting.



Please contact our customer service for re-tipping segments.





# WET DRILLING CORE BITS



## CDE

Classic

Core drill with brazed segments. Good value for money.

Suitable for concrete and masonry walls. Length 450mm, connection 1 1/4" UNC female thread.



Item No	EAN 13 Code	OD / ID* (mm)	Number of segments	Segment L / W / H
701846 13201	5450248 184355	51/45	5	24/3,0/7,0
701846 13202	5450248 184119	56/50	5	24/3,0/7,0
701846 13203	5450248 184126	61/55	5	24/3,5/7,0
701846 13204	5450248 184133	66/59	6	24/3,5/7,0
701846 13205	5450248 184140	71/64	6	24/3,5/7,0
701846 13206	5450248 184157	76/69	6	24/3,5/7,0
701846 13207	5450248 184164	81/74	7	24/3,5/7,0
701846 13208	5450248 184171	86/79	7	24/3,5/7,0
701846 13209	5450248 184188	91/84	8	24/3,5/7,0
701846 13210	5450248 184195	101/94	8	24/3,5/7,0
701846 13211	5450248 184201	106/99	9	24/3,5/7,0
701846 13212	5450248 184218	111/104	9	24/3,5/7,0
701846 13213	5450248 184225	121/114	10	24/3,5/7,0
701846 13214	5450248 184232	126/118	10	24/4,0/7,0
701846 13215	5450248 184249	131/123	10	24/4,0/7,0
701846 13216	5450248 184256	141/133	11	24/4,0/7,0
701846 13217	5450248 184263	151/143	12	24/4,0/7,0
701846 13218	5450248 184270	161/153	12	24/4,0/7,0
701846 13219	5450248 184287	171/163	13	24/4,0/7,0
701846 13220	5450248 184294	181/173	13	24/4,0/7,0
701846 13221	5450248 184300	191/183	13	24/4,0/7,0
701846 13222	5450248 184317	201/193	14	24/4,0/7,0
701846 13223	5450248 184324	211/203	14	24/4,0/7,0
701846 13252	5450248 184911	225/215	15	24/5,0/7,0
701846 13224	5450248 184331	251/241	16	24/5,0/7,0
701846 13253	5450248 184928	271/261	18	24/5,0/7,0
701846 13225	5450248 184348	300/290	20	24/5,0/7,0

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



Please contact our customer service for re-tipping segments.





# WET DRILLING AND VACUUM ACCESSORIES



Description	Item No	EAN 13 Code
450mm extension rod 1 ¼ UNC male/female	3100 11297	5450248 372929
300mm extension rod 1 ¼ UNC male/female	3100 11295	5450248 372936
230mm extension rod 1 ¼ UNC male/female	3100 11339	5450248 372943
100mm extension rod 1 ¼ UNC male/female	3100 15601	5450248 372967
230mm extension rod ½" BSP male/female	3100 11298	5450248 372974
Adaptor 1 ¼ unc female to ½ BSP female	3100 15574	5450248 372998
Adaptor 1 ¼ unc male to ½ BSP male	3100 11272	5450248 373001
Adaptor Hilti DD100 to ½ BSP female	3100 11275	5450248 373018
Adaptor Hilti DD160 to 1 ¼ UNC male	3100 15582	5450248 373025
Quick release anchor bolt	3100 15414 (5)	5450248 373032
Core removal wedge	3100 17996	5450248 373049
Vacuum Pump 110v	3100 11412 (1)	5450248 373056
Large Vacuum Pad	3100 11333 (2)	5450248 373063
Small Vacuum Pad	3100 11332	5450248 373087
Water supply unit	3100 15222 (3)	5450248 373094
Mini Wet sucker	3100 15339 (4)	5450248 373117
DUSTSUCKER MINI	3100 11330	5450248 373131
DUSTSUCKER LARGE	3100 11270	5450248 373148
WATER SWIVEL-½"X20 TPI-ST BO	3100 11409	5450248 373155





# The CLIPPER Solutions Power Floats

*clipper*®





# POWER FLOATS

## CT601

# NEW



2,2 > 2,9 kW  
 Ø 620mm  
 62 > 65kg  
 Petrol  
 or  
 Electric



The CT601 is a light weight machine, ideal for small surfaces and for trowelling along walls.

Features	Benefits
Dead man handle	User's safety
Aluminium safety guard rings	Light weight and user safety
Mechanical blades pitch control	Setting accuracy for perfect surface finish
Foldable arm and lifting eye	Easy loading and transportation
10mm distance to wall	Better finishing



Foldable machine arm.



Blades safety guard rings.



Lifting hook.



Accessories.



Distance to wall : 10mm

Model No	Item No	EAN 13 Code
CT601 MP	701846 29945	5450248 439998
CT601 ME	701846 29946	5450248 440017

Technical data	CT601 MP	CT601 ME
Pan included	Finishing blades and pan	Finishing blades and pan
Power Source	Petrol	Electric
Power kW (Hp)	2,9kW (4Hp)	2,2kW (3Hp)
Motor Type	HONDA GX 120	-
Supply Voltage	-	230V 1~
Fuse / Transformer / Generator	-	16amp / 6kVA
Blade rotation diameter (clockwise)	600mm	600mm
Guard ring diameter	620mm	620mm
Distance to wall	10mm	10mm
Pitch control	Mechanical	Mechanical
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>	< 2,5 m/s <sup>2</sup>
Sound power / pressure level	93dB(A) / 81dB(A)	91dB(A) / 79dB(A)
Dimensions (LxWxH)	1560x650x1060mm	1560x650x1060mm
Weight (without pans)	62kg	65kg



Find ACCESSORIES on page 121 !



# MTA36

The MTA36 is a medium weight machine equipped with a hydraulic blade pitch control.



MTA36 P5H

Features	Benefits
Heavy duty jig welded steel frame	Robust and reliable
Dead man handle	User's safety
Blades safety guard rings	Ensures user's safety while maintaining good visibility
Blades pitch control with hydraulic pump	Setting accuracy, perfect surface finish
Adjustable and foldable machine arm	Ergonomic and easy transportation
Powerful engine and high blades coverage surface	Adapted to large surfaces
Optimised weight distribution	Stability

3 > 6,5 Hp  
 Ø 915mm  
 80 > 85kg  
 Petrol  
 or  
 Electric  
 400V 1~



MTA36.30.3



Dead man handle.



Adjustable and foldable machine arm.



Hydraulic pitch control.



Ergonomic working position.

Model No	Item No	EAN 13 Code
MTA36 P5H	701846 14008	5450248 145783
MTA36.30.3	701846 13921	5450248 142539



Floating blades 300x280mm.

Technical data	MTA36 P5H	MTA36.30.3
Power Source	Petrol	Electric
Power kW (Hp)	4,8kW (6,5Hp)	2,2kW (3Hp)
Motor Type	HONDA GX200	-
Supply Voltage	-	400v 3~
Fuse / Transformer / Generator	-	10 amp /6kVA
Blade rotation diameter (clockwise)	865mm	865mm
Guard ring diameter	915mm	915mm
Distance to wall	25mm	25mm
Pitch control	Hydraulic	Hydraulic
Hand Arm Vibrations (hourly limit)	4 m/s <sup>2</sup>	4 m/s <sup>2</sup>
Sound power / pressure level	94dB(A)/85dB(A)	92dB(A)/82dB(A)
Dimensions (LxWxH)	1790x915x790mm	1790x915x790mm
Weight (without pans)	80kg	85kg



Find ACCESSORIES on page 121 !





# POWER FLOATS

## CT901

# NEW



2,2 > 4,8 kW  
 Ø 950mm  
 75 > 78kg  
 Electric  
 or  
 Petrol



The CT901 is a medium weight machine, and the most popular power float at users. It covers a wide range of applications.

Features	Benefits
Heavy duty jig welded steel frame	Robust and reliable
Dead man handle	User's safety
Blades safety guard rings	Ensures user's safety while maintaining good visibility
Mechanical blades pitch control	Setting accuracy for perfect surface finish
Lifting eye	Easy loading and transportation
Foldable and height adjustable arm	Ergonomy and easy transportation



Blades safety guard rings.



Handling of the machine.



Adjustable and foldable machine arm.



Accessories.

Model No	Item No	EAN 13 Code
CT901 MP	701846 29948	5450248 440499
CT901 ME	701846 29951	5450248 440505

Technical data	CT901 MP	CT901 ME
Pan included	Finishing blades	Finishing blades
Power Source	Petrol	Electric
Power kW (Hp)	4,8kW (6,5Hp)	2,2kW (3Hp)
Motor Type	HONDA GX200	-
Supply Voltage	-	400v 3~
Fuse / Transformer / Generator	-	10 amp /6kVA
Blade rotation diameter (clockwise)	900mm	900mm
Guard ring diameter	950mm	950mm
Distance to wall	25mm	25mm
Pitch control	Mechanical	Mechanical
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>	< 2,5 m/s <sup>2</sup>
Sound power / pressure level	94dB(A)/85dB(A)	91dB(A)/79dB(A)
Dimensions (LxWxH)	1980x950x1060mm	1980x950x1060mm
Weight (without pans)	75kg	78kg



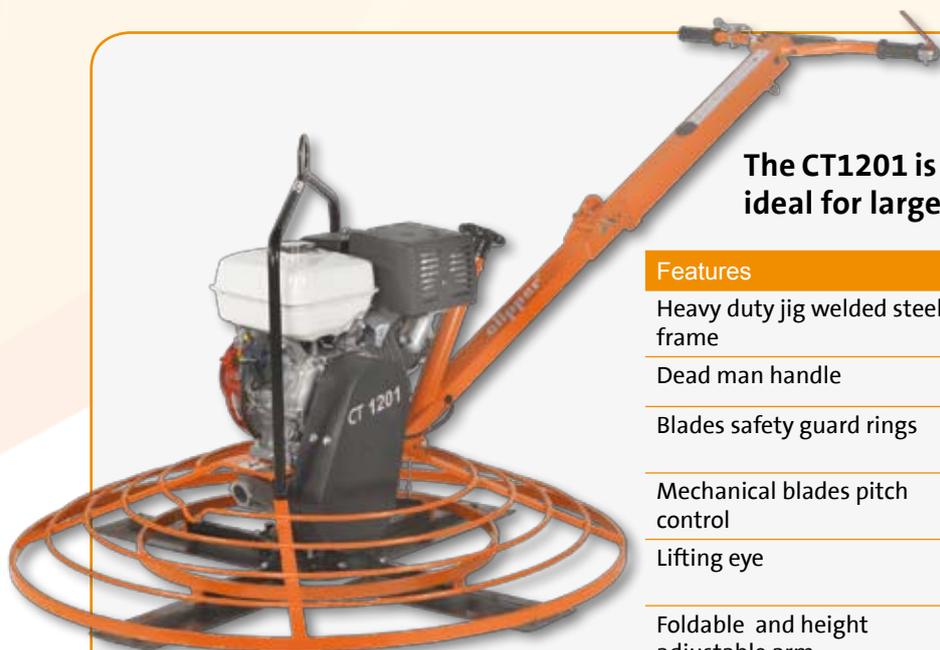
Find ACCESSORIES on page 121 !





# NEW

## CT1201



The CT1201 is a heavy duty machine, ideal for large surfaces.



6,6 kW  
Ø 1110mm  
110kg  
Petrol

Features	Benefits
Heavy duty jig welded steel frame	Robust and reliable
Dead man handle	User's safety
Blades safety guard rings	Ensures user's safety while maintaining good visibility
Mechanical blades pitch control	Setting accuracy for perfect surface finish
Lifting eye	Easy loading and transportation
Foldable and height adjustable arm	Ergonomy and easy transportation



Adjustable and foldable machine arm.



Removable lifting eye.



Accessories.



Handling of the machine.

Model No	Item No	EAN 13 Code
CT1201 MP	701846 29953	5450248 440512

Technical data	CT1201 MP
Pan included	Finishing blades
Power Source	Petrol
Power kW (Hp)	6,6Kw (9Hp)
Motor Type	HONDA GX 270
Blade rotation diameter (clockwise)	1110mm
Guard ring diameter	1190mm
Distance to wall	40mm
Pitch control	Mechanical
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>
Sound power / pressure level	96dB(A) / 87dB(A)
Dimensions (LxWxH)	2120x1190x1025mm
Weight (without pans)	110kg



Find ACCESSORIES on page 121 !





## CTT901

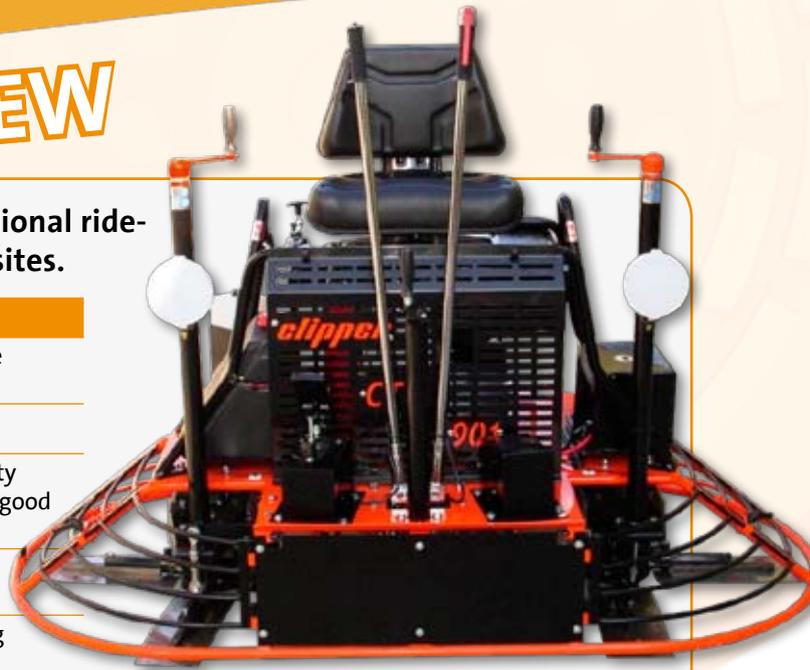
# NEW



The CTT901 is a compact professional ride-on machine, for very large worksites.

17,7 kW  
2 x Ø900mm  
310 kg  
Petrol

Features	Benefits
Heavy duty jig welded steel frame	Robust and reliable
Dead man handle	User's safety
Blades safety guard rings	Ensures user's safety while maintaining good visibility
Lifting eye	Easy loading and transportation
Adjustable operator's seat	Ergonomic working position
Blade pitch adjustment	Setting accuracy for perfect surface finish
2 head lights	Improved visibility in difficult conditions
Retractable transport wheels	Easy handling



2 head lights.



Blades safety guard rings.



Adjustable seat.



Retractable transport wheels.

Model No	Item No	EAN 13 Code
CTT901 MP	701846 29954	5450248 439936

Technical data	CTT901 MP
Pan included	Finishing blades
Power Source	Petrol
Power kW (Hp)	17,7kW (24Hp)
Motor Type	HONDA GX 670
Blade rotation diameter (clockwise)	2 x 900mm
Guard ring diameter	2110 x 700mm
Distance to wall	50mm
Pitch control	Mechanical
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>
Blade speed	125min <sup>-1</sup>
Dimensions (LxWxH)	2110x1000x1480mm
Weight (without pans)	310kg



Find ACCESSORIES on page 121 !



## POWER FLOATS ACCESSORIES & SPARE PARTS



MTA36

Accessories	Item No	EAN 13 Code
Combination blades 334 x 200mm	3100 04541	5450248 088745
1 - Floating blades 300 x 280mm	3100 04585	5450248 093695
2 - Finishing blades 322 x 152mm	3100 04549	5450248 089032
3 - Floating plate / pan - 900mm diameter	3100 04546	5450248 088967
4 - Skates	3100 04551	5450248 089063
5 - Combination blades with moving nut	3100 04565	5450248 090489
Finishing blades with moving nut	3100 04564	5450248 090472



CT901



MT 22 PC & C

Spare parts	Item No	EAN 13 Code
1 - Combination blades	3100 04555	5450248 089186
2 - Floating pan 600 mm diameter (MT 22 C)	3100 04554	5450248 089179
3 - Stakes	3100 04551	5450248 089063
Pan (MT 22 S)	3100 04561	5450248 089933



CT601

Spare parts	Item No	EAN 13 Code
Finishing blades (set of 4)	3103 69479	5450248 440185
Floating pan	3100 14554	5450248 089179



CT1201

Spare parts	Item No	EAN 13 Code
Finishing blades (set of 4)	3103 69485	5450248 440246
Combinaison blades (set of 4)	3103 69496	5450248 440369
Floating blades (set of 4)	3103 69497	5450248 440376
Floating pan	3103 69499	5450248 440406





# The CLIPPER Solutions Grinding Machines

*clipper*®



## CG 25 S



2,2 kW  
1415 min<sup>-1</sup>  
70 kg  
Electric  
115V 1~  
or  
230V 1~

**Single-head grinding machine with a grinding width of 250mm.**

Features	Benefits
250 mm working width, ability to grind right up to 20mm from the edge	Designed for small to medium size floors preparation
Light and compact	Easy to transport and carry upstairs
Hand wheel level setting with mini leveller	Quick and easy setting of the machine
Low vibrations level	Easy and comfortable usage
Hose connector to fit CLIPPER CV 324 dust collector	Allows dust free operation
Welded steel frame	Robust, no vibrations
Voltage guard, overload protection, emergency stop button	Safe machine

### Working areas :

Surface preparation of small to medium size floors (balconies, garages, cellars): floor levelling, preparation before coating, removal of coating defects or adhesives.



Hose connector to fit dust collector.



Grinding width of 250mm.



Light and compact.



Diamond grinding plate

Machine	Item No	EAN 13 Code
CG 25 S 230V	701846 26882	5450248 371489
CG 25 S 115V	701846 29465	5450248 403661

### Technical data

Supply Voltage	230V 1~ - 115V 1~
Power kW	2,2kW (3Hp)
Fuse / Transformer / Generator	16 amp / 6 kVA
Working width	250mm
Tool speed RPM	1415 min <sup>-1</sup>
Vacuum connector	50mm
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>
Dimensions (LxWxH)	1180 x 520 x 1150mm
Weight	70kg



Find ACCESSORIES on page 129 and CLIPPY'S ADVICE on page 130 !



## CG 250



Single-head grinding machine with a grinding width of 250mm.



Features	Benefits
5,5 kW powerful motor	Heavy duty surface preparation professional equipment
250 mm working width, ability to grind right up to 2cm from edges and 10cm from corners	Designed for small to medium size floors preparation
Support for add-on ballasts (electric only)	Increase press power
Anti-vibration adjustable hand-grip	Reduce operator's vibration exposure and optimize his position
Hose connector to fit CLIPPER CV 324 dust collector	Allows dust free operation
Welded steel frame	Robust, no vibrations
Voltage guard, overload protection, emergency stop button	Safe machine

4 > 8 kW  
2000 > 3000 min<sup>-1</sup>  
104 > 115 kg  
Electric or Petrol

### Working areas :

Heavy duty surface preparation : surface levelling, preparation before coating, removal of coating defects or adhesives.



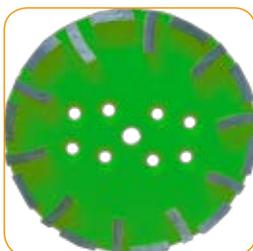
Hose connector to fit dust collector.



Adjustable hand-grip.



Welded steel frame.



Grinding plate (medium-hard materials)

Machine	Item No	EAN 13 Code
CG 250 E	701846 26887	5450248 371687
CG 250 P11	701846 27066	5450248 372431

Technical data	CG 250 E	CG 250 P11
Power source	Electric	Petrol
Motor type	-	HONDA CXV 340
Supply voltage	400V 3 ~	-
Power kW (Hp)	4kW (5,5Hp)	8kW (11Hp)
Fuse / Transformer / Generator	16 amp / 10 kV A	-
Working width	250mm	250mm
Tool speed RPM	2000 min <sup>-1</sup>	3000 min <sup>-1</sup>
Vacuum connector	50 mm	50 mm
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>	< 2,5 m/s <sup>2</sup>
Dimensions (LxWxH)	1250 x 620 x 1000mm	1250 x 620 x 1000mm
Weight	104kg	115kg



Find ACCESSORIES on page 129 and CLIPPY'S ADVICE on page 130 !



## CG 435



**3 planetary rotating heads Ø 155 mm.  
Working width of 435 mm.**

2,2 > 4 kW  
950 min<sup>-1</sup>  
90 kg  
Electric  
115V 1~  
or  
230V 1~  
or  
400V 3~

Features	Benefits
3 planetary 155 mm diameter rotating heads allowing 435mm working width	Designed for medium to large size floors preparation
Can fit to all surfaces like concrete, wood, granite, stone	Large scope of applications with a single machine, from grinding to polishing
Machine split in 2 pieces	Easy transport
Hose connector to fit CLIPPER CV 324 dust collector	Allows dust free operation
Adjustable handgrip	Optimization of operator's position
Welded steel frame	Robust, no vibrations
Voltage guard, overload protection, emergency stop button	Safe machine



### Working areas :

Surface preparation before coating, concrete grinding and polishing, cleaning, renovating wooden floors, removal of coatings, paint, thin glues, etc.



Hose connector to fit dust collector.



Adjustable hand-grip.



3 planetary 155 mm diameter rotating heads.



Grinding wing - Grit 40 Coarse

Machine	Item No	EAN 13 Code
CG 435 400V 3~	701846 26891	5450248 371458
CG 435 230V 1~	701846 26892	5450248 371465
CG 435 115V 1~	701846 26893	5450248 371472

Technical data	CG 435 400V	CG 435 230V - 115V
Supply Voltage	400V 3~	230V 1~ - 115V 1~
Power kW	4kW	2,2kW
Fuse / Transformer / Generator	16 amp / 10 kVA	16 amp / 6 kVA
Working width	435mm	435mm
Tool speed RPM	950 min <sup>-1</sup>	950 min <sup>-1</sup>
Vacuum connector Ø	50 mm	50 mm
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>	< 2,5 m/s <sup>2</sup>
Dimensions (LxWxH)	1200 x 800 x 1350mm	1200 x 800 x 1350mm
Weight	90kg	90kg



Find ACCESSORIES on page 129 and CLIPPER'S ADVICE on page 130 !



## CV 324



For inside or outside worksites.

**The ideal industrial vacuum for clean and dust free jobsites.**

- Innovative industrial vacuum made of strong plastic : resistant & easy to clean.
- Ideal for handheld machines or Clipper grinding machines.
- M star filter 1,5 m<sup>2</sup> area.
- Dust hose inlet 55 mm.
- Incomparable comfort for the operator.
- Makes it possible to implement traditional surface preparation techniques in areas where no dust is tolerated (food, medical, pharmaceutical industries).
- Heavy duty equipment, for continuous use.
- Minimal maintenance required.
- Easily removable spare bins to minimize downtime.



1,6 kW  
40 L  
34 kg  
Electric  
230V 1~



Filter shaking device.



Removable dust bin.

All our machines can be connected to our CV324 dust collector, in order to ensure a dust free, healthy and comfortable environment. The two 800W engines and the teflon-fabric filter leave a perfectly clean surface, ready to receive a new floor coating.



Stable frame with 4 wheels.



Fits to all Clipper grinding machines.

Machine	Item No	EAN 13 Code
CV 324	3103 25226	5450248 372295

Technical data	
Cleaning	Manual with shaker
Performance	324 m <sup>3</sup> /h
Supply Voltage	230V 1~
Power kW	1,6kW (2 motors)
Fuse / Transformer / Generator	16 A / 4kV a
Noise level	78 db(A)
Dust container	40 L
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>
Dimensions (LxWxH)	580 x 650 x 1000 mm
Weight	34kg

Accessory	Item No	EAN 13 Code
Filter	3103 26340	5450248 372363



Find ACCESSORIES on page 129 and CLIPPY'S ADVICE on page 130 !



## CG 125



1,8 kW  
10 000 min<sup>-1</sup>  
4,3 kg  
Electric  
230V 1~

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



Features	Benefits
125 mm working width, ability to grind right to the edge	Designed for small to medium size floors preparation
Front part of the guard removable	Drinding right to the edge is possible
Full wave electronics	Soft start, constant speed, overload protection
Low vibrations level	Easy and comfortable usage
Hose connector 36 mm for vacuum cleaner	Allows dust free operation

### Working areas :

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



Hose connector for vacuum cleaner.



125mm grinding width.



Optional guiding device.



Transport box.

Machine	Item No	EAN 13 Code
CG125	701846 28733	5450248 396475

### Technical data

Tension	230 V 1~
Power	1800 W
Disc diameter	125 mm
Tool speed (under load)	10 000 min <sup>-1</sup>
Tool connection	M 14
Vacuum hose connector	36 mm
Hand Arm Vibrations (hourly limit)	< 2,5 m/s <sup>2</sup>
Weight	4,3 kg

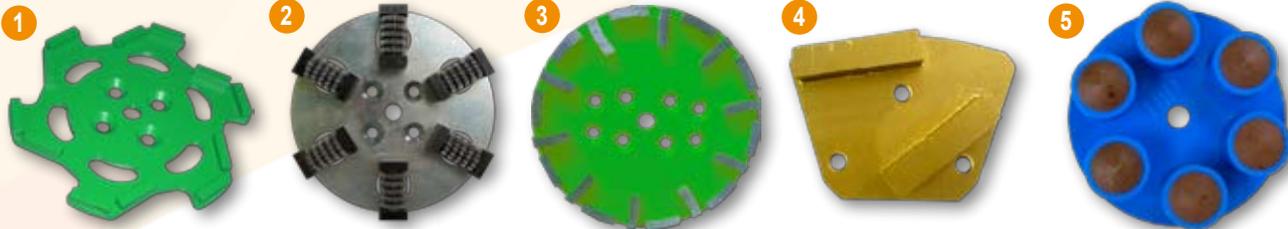
Accessory	Item No	EAN 13 Code
Floor guiding device	3103 56143	5450248 405085



Find ACCESSORIES on page 129 and CLIPPY'S ADVICE on pages 130 !



## GRINDING ACCESSORIES



### Accessories for CG 25 S

	Description	Colour	Item No	EAN 13 Code	Seg. H/T/L	
1	Diamond grinding plate	GRD25S Diamond	Green	70184627119	5450248 372684	10/10/40
2	Multiple flails rotary disc	GRM25S Metal	-	70184627120	5450248 373193	-
	Multiple flails rotary disc	GRM25S Metal Refill Kit	-	70184627207	5450248 381877	-

### Accessories for CG 250 E

	Description	Colour	Item No	EAN 13 Code	Seg. H/T/L	
	Grinding plate for CG250 E (soft materials)	GRD250 SOFT	Blue	70184627116	5450248 372646	10/10/40
3	Grinding plate for CG250 E (medium-hard materials)	GRD250 MEDIUM	Green	70184627117	5450248 372653	10/10/40
	Grinding plate for CG250 E (hard materials)	GRD250 HARD	Red	70184627118	5450248 372677	10/10/40

### Accessories for CG 435 - GRINDING

	Description	Colour	Item No	EAN 13 Code	Seg. H/T/L	
	Grinding wing - Grit 20 - Coarse - 1 set (9 pcs.)	GRW20	Gold	70184627121	5450248 373209	10/10/40
4	Grinding wing - Grit 40 - Coarse - 1 set (9 pcs.)	GRW40	Gold	70184627122	5450248 373216	10/10/40
	Grinding wing - Grit 80 - Coarse - 1 set (9 pcs.)	GRW80	Gold	70184627123	5450248 373223	10/10/40
	Grinding wing - Grit 150 - Coarse - 1 set (9 pcs.)	GRW150	Gold	70184627124	5450248 373247	10/10/40
	Adapter for grinding pads - 1 set (3 pcs.)	-	-	70184627131	5450248 373315	-

### Accessories for CG 435 - POLISHING

Concrete and Stone Floor Polishing	Description	Colour	Item No	EAN 13 Code	Seg. H/T/L	
5	Polishing pads - Grit 100 - 1 set (9 pcs.)	POP100	Black	70184627125	5450248 373254	-
	Polishing pads - Grit 200 - 1 set (9 pcs.)	POP200	Blue	70184627126	5450248 373261	-
	Polishing pads - Grit 400 - 1 set (9 pcs.)	POP400	Red	70184627127	5450248 373278	-
	Polishing pads - Grit 800 - 1 set (9 pcs.)	POP800	White	70184627128	5450248 373285	-
	Polishing pads - Grit 1500 - 1 set (9 pcs.)	POP1500	Yellow	70184627129	5450248 373292	-
	Polishing pads - Grit 3000 - 1 set (9 pcs.)	POP3000	Green	70184627130	5450248 373308	-
	Adapter for polishing pads - 1 set (3 pcs.)	-	-	70184627132	5450248 373322	-

Wood Floor Polishing	Description	Colour	Item No	EAN 13 Code	Seg. H/T/L	
	Adapter for coated abrasives - 1 set (3 pcs.)	-	-	70184627154	5450248 373599	-

### Accessories for CG 125

See our range of Cup Grinders at page 36.





### > Grinding :

- When starting a new grinding job, always check the wear of the segments after a while. If the wear is inappropriate, you should consider switching to a more suitable plate specification :

- Important wear : choose the specification with harder metal bond for grinding more abrasive concrete, where aggregates are sunk deep under a layer of cement.



- Glazed segments : choose the specification with softer metal bond for grinding harder concrete, with a lot of exposed aggregates at the surface.



- On hard floors, you need some concrete dust to open your diamond segments faster. You may use one of the motors of the dust collector CV324 for a few seconds to resharpen the segments. You may also wet the floor when grinding extremely hard concrete, it will reduce the glazing of the diamond tools.

- While grinding, make sure that approximately 30-40 % of the grinding head area works on already ground concrete surface, to avoid scratches and get a better surface finish. It also contributes to prevent the glazing of the tools.

### > Polishing :

- As the floor is not yet perfectly flat, start the process with 2 grinding steps with segmented metal wings. Choose the grit size depending on the concrete hardness (coarser for harder concrete) and the expected finishing quality :

- The rough grit size (20) is for removing soft/elastic materials.
- Grit size 40 is for regular use.
- Grit size 80 is for opening up hard materials.
- The fine grit size 150 is second or third step for polishing.



- If you want to polish up to the stones, the first step is 30/40. If you only want to polish the top layer, the first step will be 60/80.

- If for any reason, one of the segments breaks on the wing/disc, change all the wings/discs because it causes vibrations, and would damage the rest.

- Then, switch to the resin polishing pads, and run 3 to 5 polishing steps depending on the final surface finish expected.



Use the machine with CV324 dust collector, for a dust free, healthy and comfortable working environment.



**POP 100**  
Grit 100



**POP 200**  
Grit 200



**POP 400**  
Grit 400



**POP 800**  
Grit 800



**POP 1500**  
Grit 1500



**POP 3000**  
Grit 3000

# The CLIPPER Solutions Thin Wheels

*clipper*<sup>®</sup>





## Norton Vulcan grinding & cutting-off wheels

The Norton Vulcan program offers you a complete range of grinding and cutting-off wheels for angle grinders, petrol saw machines and small table machines.

Norton Vulcan professional grinding and cutting-off wheels are characterised by high performance with an excellent price/performance ratio and are suitable for cutting and grinding a wide range of steel, stainless steel and stone applications. The unique combination of quick cutting times and high wheel life will result in a decrease of your total abrasive costs.

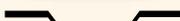
### NORTON VULCAN CUTTING-OFF WHEELS SHAPE 41 FOR ANGLE GRINDERS



SAP	Shape	Size	Specification	Application	Box
66252925431	41	115x1,0x22,23	A 60 S-BF41	steel-inox	25
66252925432	41	115x1,6x22,23	A 46 S-BF41	steel-inox	25
66252925433	41	125x1,0x22,23	A 60 S-BF41	steel-inox	25
66252925434	41	125x1,6x22,23	A 46 S-BF41	steel-inox	25
66252925435	41	180x1,6x22,23	A 46 S-BF41	steel-inox	25
66252925436	41	230x1,9x22,23	A 46 S-BF41	steel-inox	25
66252925437	41	115x2,0x22,23	A 30 S-BF41	steel-inox	25
66252925438	41	125x2,0x22,23	A 30 S-BF41	steel-inox	25
66252925439	41	150x2,0x22,23	A 30 S-BF41	steel-inox	25
66252925440	41	180x2,0x22,23	A 30 S-BF41	steel-inox	25
66252925441	41	230x2,0x22,23	A 30 S-BF41	steel-inox	25
66252925442	41	115x2,5x22,23	A 30 S-BF41	steel-inox	25
66252925443	41	125x2,5x22,23	A 30 S-BF41	steel-inox	25
66252925444	41	150x2,5x22,23	A 30 S-BF41	steel-inox	25
66252925445	41	180x2,5x22,23	A 30 S-BF41	steel-inox	25
66252925446	41	230x2,5x22,23	A 30 S-BF41	steel-inox	25
66252925451	41	100x3,0x16,0	C 30 R-BF41	stone	25
66252925452	41	115x3,0x22,23	C 30 R-BF41	stone	25
66252925453	41	125x3,0x22,23	C 30 R-BF41	stone	25
66252925454	41	150x3,0x22,23	C 30 R-BF41	stone	25
66252925455	41	180x3,0x22,23	C 30 R-BF41	stone	25
66252925456	41	230x3,0x22,23	C 30 R-BF41	stone	25



### NORTON VULCAN CUTTING-OFF WHEELS SHAPE 42 FOR ANGLE GRINDERS



SAP	Shape	Size	Specification	Application	Box
66252925494	42	115x3,2x22,23	A 30 S-BF42	steel-inox	25
66252925495	42	125x3,2x22,23	A 30 S-BF42	steel-inox	25
66252925496	42	150x3,2x22,23	A 30 S-BF42	steel-inox	25
66252925497	42	180x3,2x22,23	A 30 S-BF42	steel-inox	25
66252925498	42	230x3,2x22,23	A 30 S-BF42	steel-inox	25
66252925499	42	100x3,2x16,0	C 30 R-BF42	stone	25
66252925500	42	115x3,2x22,23	C 30 R-BF42	stone	25
66252925501	42	125x3,2x22,23	C 30 R-BF42	stone	25
66252925502	42	180x3,2x22,23	C 30 R-BF42	stone	25
66252925503	42	230x3,2x22,23	C 30 R-BF42	stone	25

### NORTON VULCAN GRINDING WHEELS SHAPE 27 FOR ANGLE GRINDERS



SAP	Shape	Size	Specification	Application	Box
66252926667	27	100x6,4x16,0	A 30 S-BF27	steel-inox	10
66252925522	27	115x6,4x22,23	A 30 S-BF27	steel-inox	10
66252925523	27	125x6,4x22,23	A 30 S-BF27	steel-inox	10
66252925525	27	150x6,4x22,23	A 30 S-BF27	steel-inox	10
66252925526	27	180x6,4x22,23	A 30 S-BF27	steel-inox	10
66252925529	27	230x6,4x22,23	A 30 S-BF27	steel-inox	10
66252925532	27	100x6,4x16,0	C 30 R-BF27	stone	10
66252925533	27	115x6,4x22,23	C 30 R-BF27	stone	10
66252925534	27	125x6,4x22,23	C 30 R-BF27	stone	10
66252925535	27	180x6,4x22,23	C 30 R-BF27	stone	10
66252925537	27	230x6,4x22,23	C 30 R-BF27	stone	10

### NORTON VULCAN PETROL SAWS SHAPE 41 FOR PETROL AND ELECTRIC SAWS - 80 M/S



SAP	Shape	Size	Specification	Application	Box
66252925457	41	300x3,5x20,0	A 30 S-BF41/80 Petrol Saw	steel	10
66252925458	41	300x3,5x22,23	A 30 S-BF41/80 Petrol Saw	steel	10
66252925459	41	300x3,5x25,4	A 30 S-BF41/80 Petrol Saw	steel	10
66252925479	41	300x3,5x20,0	C 30 R-BF41/80 Petrol Saw	stone	10
66252925480	41	300x3,5x22,23	C 30 R-BF41/80 Petrol Saw	stone	10
66252925481	41	300x3,5x25,4	C 30 R-BF41/80 Petrol Saw	stone	10

### NORTON VULCAN CHOP SAWS SHAPE 41 FOR ELECTRIC TABLE AND FIXED MACHINES – 80 M/S



SAP	Shape	Size	Specification	Application	Box
66252925460	41	300x2,8x25,4	A 30 S-BF41/80 Chop Saw	steel	10
66252925461	41	300x2,8x32,0	A 30 S-BF41/80 Chop Saw	steel	10
66252925462	41	350x3,0x25,4	A 30 S-BF41/80 Chop Saw	steel	10
66252925463	41	350x3,0x32,0	A 30 S-BF41/80 Chop Saw	steel	10
66252925464	41	400x3,2x25,4	A 30 S-BF41/80 Chop Saw	steel	10
66252925465	41	400x3,2x32,0	A 30 S-BF41/80 Chop Saw	steel	10





## Norton Multi Purpose cutting-off wheels

Norton Multi Purpose cutting-off wheels are optimized for cutting all applications at building sites. Use one single wheel to cut steel, stainless steel, metal, aluminum, stone, tiles, glass and plastic without any compromise on performance. Burr-free cutting of tube and profiles, clean and straight cutting of tiles and no loading when cutting non-ferrous or plastic. The products versatility and long lifetime specifics make this wheel the ideal cutting solution for typical construction and installation applications.

### NORTON MULTI-PURPOSE CUTTING-OFF WHEELS SHAPE 41 FOR ANGLE GRINDERS



SAP	Shape	Size	Specification	Application	Box
66252833258	41	115x1,0x22,23	C 60 T-BF41 Multi Purpose	multi purpose	25
66252828951	41	115x1,6x22,23	C 46 T-BF41 Multi Purpose	multi purpose	25
66252918924	41	125x1,0x22,23	C 60 T-BF41 Multi Purpose	multi purpose	25
66252828952	41	125x1,6x22,23	C 46 T-BF41 Multi Purpose	multi purpose	25
66252926730	41	180x1,6x22,23	C 46 T-BF41 Multi Purpose	multi purpose	25
66252918925	41	230x1,9x22,23	C 46 T-BF41 Multi Purpose	multi purpose	25



## Norton 0.8 mm cutting-off wheels

A new innovation by Norton are the 0.8 mm ultra thin cutting-off wheels, which set a new standard in cutting. Thin walled work pieces, sheets, tubes, profiles and even solid materials can be cut easily in the turn of a hand. The new 0.8 mm wheel is extremely precise and gives a clean, burr-free and fast cutting result. But what really makes this 0.8 mm wheel stand out is its unparalleled stability. No other ultra thin wheel produces such a clean and sharp cut.

### NORTON INDUSTRIAL LINE 0.8 MM CUTTING-OFF WHEELS SHAPE 42 FOR ANGLE GRINDERS



SAP	Shape	Size	Specification	Application	Box
66252833239	42	115x0,8x22,23	INOX MEDIUM	steel-inox	25
66252833240	42	125x0,8x22,23	INOX MEDIUM	steel-inox	25





## Norton 1-2-3 - the all-in-one solution

- 1 Cutting
- 2 Grinding
- 3 Polishing

Cutting, light grinding and polishing, all with one single product? The new Norton 1-2-3 makes it possible! No more time loss due to machine or product changing. The Norton 1-2-3 has an extreme long wheel life compared to conventional abrasive products and provides an excellent and uniform polishing result. Maximum safety is guaranteed due to 3 layered strong reinforcements and the Norton 1-2-3 generates low vibration which results in comfortable working. The Norton 1-2-3 is free of iron, sulphur and chlorine and due to that suitable to use on all kind of metal and stainless steel applications.

### NORTON 1-2-3 CUTTING-GRINDING-POLISHING WHEELS FOR ANGLE GRINDERS



SAP	Shape	Size	Specification	Application	Box
66252829704	27	115x2,2x22,23	1-2-3 A46S-BF27	steel-inox	25
66252921592	27	125x2,2x22,23	1-2-3 A46S-BF27	steel-inox	25





## COATED ABRASIVES



Item No	Description
63642529038	Paper Backed Edging Disc 120 Grit - 180x22mm
63642529037	Paper Backed Edging Disc 80 Grit - 180x22mm
63642529036	Paper Backed Edging Disc 60 Grit - 180x22mm
63642529035	Paper Backed Edging Disc 40 Grit - 180x22mm
63642529034	Paper Backed Edging Disc 24 Grit - 180x22mm



Item No	Description
63642585556	Flexovit Abrasive Disc 178Mm Fibre 120 Ali Oxide
63642585547	Flexovit Abrasive Disc 178Mm Fibre 80 Ali Oxide
63642585544	Flexovit Abrasive Disc 178Mm Fibre 60 Ali Oxide
63642585540	Flexovit Abrasive Disc 178Mm Fibre 40 Ali Oxide
63642585537	Flexovit Abrasive Disc 178Mm Fibre 24 Ali Oxide



Item No	Description
69957389902	Flexovit Floor sanding sheets 120 GRIT
69957389900	Flexovit Floor sanding sheets 120 GRIT
69957389899	Flexovit Floor sanding sheets 80 GRIT
69957389897	Flexovit Floor sanding sheets 40 GRIT
69957389894	Flexovit Floor sanding sheets 24 GRIT



Item No	Description
63642585900	Flexovit Alox Portable Belt 120 GRIT 75 X 533
63642585897	Flexovit Alox Portable Belt 80 GRIT 75 X 533
63642585896	Flexovit Alox Portable Belt 60 GRIT 75 X 533
63642585889	Flexovit Alox Portable Belt 40 GRIT 75 X 533
63642585953	Flexovit Alox Portable Belt 120 GRIT 100 X 620
63642585950	Flexovit Alox Portable Belt 80 GRIT 100 X 620
63642585949	Flexovit Alox Portable Belt 60 GRIT 100 X 620
63642585937	Flexovit Alox Portable Belt 40 GRIT 100 X 620
63642585944	Flexovit Alox Portable Belt 120 GRIT 100 X 610
63642585942	Flexovit Alox Portable Belt 80 GRIT 100 X 610
63642585941	Flexovit Alox Portable Belt 60 GRIT 100 X 610
63642585947	Flexovit Alox Portable Belt 40 GRIT 100 X 610









