



CONSTRUCTION TRADE PRICE LIST FEBRUARY 2023

Premium grinding tools since 1919
www.tyrolit.com.au





TYROLIT IS PART OF THE SWAROVSKI GROUP



Worlds leading producer of cut crystal, jewellery, accessories, lighting and interior crystal design

Founded 1895 – In Wattens / Austria



Leading supplier for innovative solutions in grinding, cutting, drilling, honing, dressing and polishing

Founded 1919 – In Wattens / Austria



Specialist for long-range precision sports optics, binoculars, telescopes, rifle scopes, optronic instruments, range finders and image intensifier tubes

Founded 1949 – In Wattens / Austria



Originally founded as Castle Tools in 1984, becoming TYROLIT Australia in 2007 and is now Australia's leading professional diamond tools, machinery and abrasive supplier.

Founded 1984 – In Sydney / Australia





OUR QUALITY LINES



PREMIUM ★★★

Quality tools for maximum performance and economic efficiency:
Maximum performance and service life, broad product range



STANDARD★★

Quality tools for daily use:
Impressive performance and service life, reliable quality



BASIC★

Quality tools for universal use:
Cost-effective performance and service life: solid, low-priced and efficient





MATERIALS



Universal building materials



Concrete



Hard Materials



Marble, soft stone



Asphalt



Abrasive /
Refractory materials



Tiles



Engineering bricks



Steel

LABEL

TYROLIT logo

Quality line

Safety information

TYROLIT, member
the OSA (Organization
for the Safety
of Abrasives)



Maximum
operating speed

Direction
of rotation

Specification
and dimensions

Article number










Materials that
can be cut

LABEL COLOUR

					
Label colour	Yellow	Red	Blue	Green	Grey
Materials	Universal	Concrete	Hard Materials	Tiles	Asphalt
				Marble	Abrasive materials



CONTENT

	ANGLE GRINDER - Dry Cutting Saw Blades 1 - 6 - Diamond Cup Wheels 7 - 9 - Dust Shroud 10 - Accessoriess 11	ANGLE GRINDER
	WALL CHASING - Channel Cutting Blades 15 - Vacuum 16 - Channel Cutters 17 - 21	WALL CHASING
	PETROL SAW / HAND SAW - Dry Cutting Saw Blades 25 - 28	HAND SAW
	TABLE SAW - Table Saw Blades 31 - 32 - Table Saw 33 - 35	TABLE SAW
	FLOOR SAW / ROAD SAW - Floor Saw Blades 39 - 40 - Floor Saw 41 - 43 EARLY ENTRY SAW - Early Entry Saw Blades 47 - Early Entry Saw 48 - 50	ROAD SAW
	CORE DRILLING - Core Drill Bits 53 - 55 - Core Drill Motors 56 - 62 - Core Drill Stand 63 - 67 - Core Drill Accessories 68 - 70 - Selecting Guide 71 - 72	CORE DRILLING
	FLOOR GRINDING / POLISHING - Floor Grinding Tools 75 - 79 - Floor Grinders 80 - 85 - Dust Collection System 86 - 90	FLOOR GRINDING
	STONE & TILE PRODUCTS - Blades 93 - 94 - Polishing 95 - 96 - Grinding Wheel 97 - Core Drill Bits 98	STONE & TILE PRODUCTS
	SAFETY - Safety Information 99 - 104	SAFETY

Terms and Conditions

GST not included - Specifications and prices are subject to change without notice.





ANGLE GRINDING

- | | |
|--------------------------|-------|
| - Dry Cutting Saw Blades | 1 - 6 |
| - Diamond Cup Wheels | 7 - 9 |
| - Dust Shroud | 10 |
| - Accessories | 11 |

TYROLIT



DRY CUTTING SAW BLADES - ANGLE GRINDER



PREMIUM ★★★

DCU★★★ TGD® - TECHNOLOGY

Application: Universal building materials such as concrete, clay bricks, natural stone, concrete pavers, steel etc.

Details: The versatile dry cutting blade DCU★★★ has outstanding cutting performance.

The universal application eliminates the need for continuous blade changes and guarantees an outstanding result for the completion of any project.



Part No	Specifications	Dimensions	Segment Height	List Price (each)
34468871	TGD DCU★★★	230 x 2.4 x 22.23	14	\$180.00



PREMIUM ★★★

DCU★★★ - FC

Application: Universal building materials such as concrete, clay bricks, natural stone, steel etc.

Details: *The silent blade has a purpose build multi-layer steel core allowing for sound emission to be reduced by up to 12dB(A)



Part No	Specifications	Dimensions	Segment Height	List Price (each)
474746	DCU★★★ - FC	125 x 2.0 x 22.23	10	\$54.00
474751	DCU★★★ - FC	150 x 2.4 x 22.23	9	\$66.00
474752	DCU★★★ - FC	180 x 2.4 x 22.23	9	\$76.00
474753	DCU★★★ - FC	230 x 2.4 x 22.23	9	\$95.00
474771	DCU★★★ Silent*	230 x 2.6 x 22.23	9	\$150.00



PREMIUM ★★★

DCU★★★

Application: Universal building material such as concrete, clay bricks, natural stone, etc.

Details: Suitable for 300mm electric wall chasing machines (HILTI).



Part No	Specifications	Dimensions	Segment Height	List Price (each)
34431007	DCU★★★	300 x 2.6 x 22.23	12	\$260.00



DRY CUTTING SAW BLADES - ANGLE GRINDER



STANDARD ★★

DCU★★ / DCU★★ - FC

Application: Universal building materials such as concrete, clay bricks, natural stone, etc.

Part No	Specifications	Dimensions	Segment Height	List Price (each)
605106	DCU**	100 x 2 x 20/16	7	\$28.00
467443	DCU**	115 x 2 x 22.23	7	\$32.00
467444	DCU**	125 x 2 x 22.23	7	\$38.00
467446	DCU**	180 x 2.6 x 22.23	9	\$52.00
467448	DCU**	230 x 2.6 x 22.23	9	\$80.00
605117	DCU**- FC	100 x 2 x 20/16	7	\$28.00
467414	DCU**- FC	115 x 2 x 22.23	7	\$32.00
467416	DCU**- FC	125 x 2 x 22.23	7	\$38.00
467428	DCU**- FC	150 x 2.4 x 22.23	9	\$48.00
467430	DCU**- FC	180 x 2.4 x 22.23	9	\$52.00
467431	DCU**- FC	230 x 2.4x 22.23	9	\$80.00



ANGLE GRINDER



BASIC ★

DCU★ - FC

Application: Universal building materials such as concrete, clay bricks, natural stone, etc.

Part No	Specifications	Dimensions	Segment Height	List Price (each)
609297	DCU*- FC	100 x 2 x 20/16	7	\$8.00
609300	DCU*- FC	125 x 2 x 22.23	7	\$15.00
609302	DCU*- FC	230 x 2.4 x 22.23	7	\$25.00





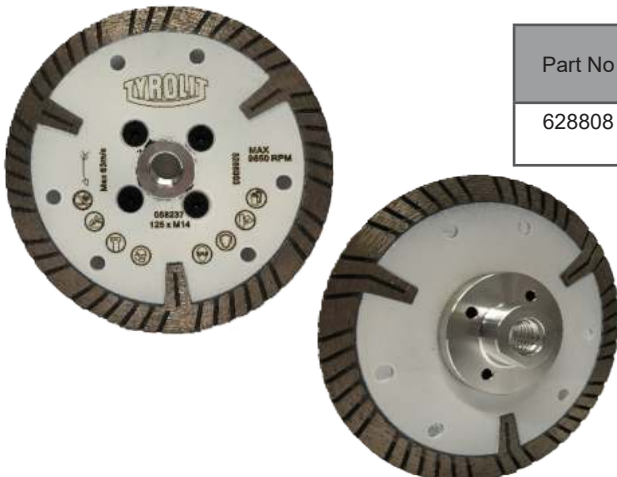
DRY CUTTING SAW BLADES - ANGLE GRINDER

**PREMIUM ★★★****DCT ★★★****Application:** Ceramic tiles, hard stone, porcelain.**Details:** Thin turbo blade with raised reinforced flange designed for fast, clean cuts.

Part No	Specifications	Dimensions	Segment Height	List Price (each)
639558	DCT***	105 x 1.2 x 20/16	10	\$35.00
639559	DCT***	115 x 1.2 x 22.23	10	\$40.00
639560	DCT***	125 x 1.2 x 22.23	10	\$45.00
639634	DCT***	180 x 1.4 x 22.23	10	\$85.00
639635	DCT***	230 x 1.6 x 22.23	10	\$120.00

**STANDARD ★★****DCT ★★ TILE MIGHTY****Application:** Ceramic tiles, hard stone, porcelain.**Details:** Thin turbo blade for fast clean cuts.

Part No	Specifications	Dimensions	Segment Height	List Price (each)
20035390	DCT**	100 x 1.2 x 16	7	\$25.00
20035391	DCT**	125 x 1.2 x 22.23	7	\$35.00

**PREMIUM ★★★****125^{mm} UNIVERSAL TURBO BLADES (M14 Bore)****Application:** Marble, Granite, Hard Material**Details:** Internal Cutting

Part No	Specifications	Blade	Segment Height	List Price (each)
628808	125 ^{mm} Universal Turbo (M14) Blade	Turbo	M14	\$65.00



DRY CUTTING SAW BLADES - ANGLE GRINDER



PREMIUM ★★★
DCT ★★★

Application: Ceramic tiles, porcelain, hard stone.

Part No	Specifications	Dimensions	Segment Height	List Price (each)
20035227	DCT***	80 x 1.6 x 16	8	\$16.00
20035214	DCT***	100 x 1.6 x 16	8	\$18.00
20035216	DCT***	125 x 1.6 x 22.23	8	\$26.00
20037687	DCT***	180 x 1.6 x 25.4/22.23	8	\$38.00
20035220	DCT***	230 x 1.6 x 25.4/22.23	8	\$65.00



ANGLE GRINDER



PREMIUM ★★★
DCM ★★★

Application: Soft stone, marble, fibreglass.

Details: Electroplated with tabs

Part No	Specifications	Dimensions	Segment Height	List Price (each)
20035397	DCM***	100 x 20/16	3	\$55.00
20035398	DCM***	125 x 22.23	3	\$66.00



STANDARD ★★
DCM ★★

Application: Soft stone, marble, fibreglass.

Details: Electroplated with tabs

Part No	Specifications	Dimensions	Segment Height	List Price (each)
20035286	DCM**	100 x 20/16	2.5	\$36.00





DRY CUTTING SAW BLADES - ANGLE GRINDER

ANGLE
GRINDER



PREMIUM ★★★ DCH ★★★ -FC SUPER THIN

Application: Granite, slate, hard stone, tiles etc.

Details: Extremely high stock removal rate due to a super thin segment width.



Part No	Specifications	Dimensions	Segment Height	List Price (each)
475790	DCH***- FC	115 x 1.2 x 22.23	7	\$55.00
475793	DCH***- FC	125 x 1.2 x 22.23	7	\$65.00
475797	DCH***- FC	180 x 1.9 x 22.23	9	\$120.00
475800	DCH***- FC	230 x 1.9 x 22.23	9	\$140.00



PREMIUM DCH ★★★

Application: Granite, slate, hard stone, bluestone, hard clay bricks & pavers, etc.



Part No	Specifications	Dimensions	Segment Height	List Price (each)
34475856	DCH***	125 x 2.2 x 22.23	10	\$70.00



DRY CUTTING SAW BLADES - ANGLE GRINDER

 **PREMIUM ★★★**
DCAB ★★★

Application: Abrasive concrete, sandstone, concrete block, plaster, etc.

Part No	Specifications	Dimensions	Segment Height	List Price (each)
465977	DCAB***	125 x 2.2 x 22.23	10	\$65.00
465980	DCAB***	230 x 2.4 x 22.23	10	\$120.00



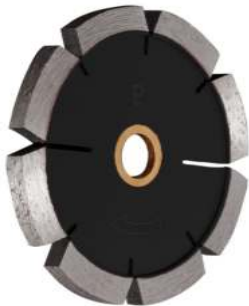
ANGLE GRINDER

 **PREMIUM ★★★**
DCAB ★★★ | TUCK POINT BLADE

Application: Mortar joints

Details: Tool for removing grout and cement mortar joints between bricks.

Part No	Specifications	Dimensions	Segment Height	List Price (each)
20035367	DCAB***	125 x 6.4 x 22.23	7	\$150.00
20035368	DCAB***	180 x 6.4 x 22.23	7	\$220.00



 **PREMIUM ★★★**
DGC ★★★ CRACK CHASING

Application: Concrete

Details: V shaped profile for widening existing cracks in concrete.

Part No	Specifications	Dimensions	Segment Height	List Price (each)
20035314	DGC ***	100 x 9.6 x 20/16	14	\$200.00
20037688	DGC ***	125 x 9.6 x 22.23	14	\$220.00
20035315	DGC ***	180 x 9.6 x 22.23	14	\$270.00





DIAMOND CUP WHEELS - ANGLE GRINDER



PREMIUM ★★★

DGU ★★★ DOUBLE ROW

Application: Concrete, natural stone and universal building materials.

Details: Double row segments for medium removal and long life.



Part No	Specifications	Dimensions	Segment No.	List Price (each)
598060	DGU***	100 x 20 x 22.23/16	16	\$99.00
598058	DGU***	125 x 23 x 22.23	20	\$121.00
597908	DGU***	180 x 25 x 22.23	24	\$154.00



PREMIUM ★★★

DGU ★★★ SPIRAL

Application: Concrete, natural stone and universal building materials.

Details: Spiral row segments arranged for smooth grinding, fast dust removal and shaping corners and edges.



Part No	Specifications	Dimensions	Segment No.	List Price (each)
34179930	DGU***	125 x 23 x 22.23	10	\$110.00
598056	DGU***	180 x 25 x 22.23	12	\$132.00



PREMIUM ★★★

DGE ★★★ EPOXY

Application: Concrete, universal building materials, glues & epoxy.

Details: Specifically designed for the removal of paint, epoxy resin, glue and adhesives.



Part No	Specifications	Dimensions	Segment No.	List Price (each)
602248	DGE***	180 x 25 x 22.23	6	\$121.00



DIAMOND CUP WHEELS - ANGLE GRINDER



STANDARD ★★ DGU ★★SINGLE ROW

Application: Concrete, natural stone and universal building materials.

Details: Single row segments for aggressive material removal and fast grinding.

Part No	Specifications	Dimensions	Segment No.	List Price (each)
494333	DGU**	100 x 18 x 22.23/16	8	\$50.00



ANGLE
GRINDER



STANDARD ★★ DGU ★★DOUBLE ROW

Application: Concrete, natural stone and universal building materials.

Details: Double row segments for medium removal.

Part No	Specifications	Dimensions	Segment No.	List Price (each)
494339	DGU**	100 x 18 x 22.23/16	16	\$70.00
494361	DGU**	125 x 20 x 22.23	20	\$90.00
494394	DGU**	180 x 23 x 22.23	24	\$110.00



STANDARD ★★ DGU ★★SPIRAL

Application: Concrete, natural stone and universal building materials.

Details: Spiral row segments arranged for smooth grinding, fast dust removal and shaping corners and edges.

Part No	Specifications	Dimensions	Segment No.	List Price (each)
494342	DGU**	100 x 23 x 22.23/16	8	\$50.00
494365	DGU**	125 x 23 x 22.23	10	\$66.00
494391	DGU**	180 x 25 x 22.23	12	\$100.00





DIAMOND CUP WHEELS - ANGLE GRINDER



PREMIUM ★★★ PRO EDGE ★★★

Application: Concrete, natural stone and universal building materials. Designed for edge grinding.

Details: Spiral edge segment for aggressive ,material removal and fast grinding.



Part No	Specifications	Dimensions	Segment No.	List Price (each)
34351658	DGU***	125 x 23 x 22.23	10	\$110.00
34351659	DGU***	180 x 22 x 22.23	12	\$132.00



PREMIUM ★★★ CONCRETE GRINDER CUP ★★★

Application: Concrete, natural stone and universal building materials.

Details: Specifically designed for 150mm concrete grinder machines.



Part No	Specifications	Dimensions	Segment No.	List Price (each)
20074671	DGU***	150 x 8 Triangle seg x 5 pin Bore	8	\$220.00



PREMIUM ★★★ ARROW CUP ★★★

Application: Concrete, universal building materials, glues & epoxy.

Details: Specifically designed for the removal of paint, epoxy resin, glue and adhesives.



Part No	Specifications	Dimensions	Segment No.	List Price (each)
34551694	ARROW CUP	180 x 5 x 22.23	5	\$132.00



DUST SHROUDS FOR USE WITH DIAMOND CUP WHEELS

PREMIUM ★★★

Details: This Premium 180mm TYROLIT dust shroud has been developed with optimum dust control and edge grinding in mind. Carefully constructed with no compromises in design or materials used.

Suits Makita, Metabo, Hitachi & Bosch angle grinders.

Part No	Description	List Price (each)
20074353	125mm Premium Dust Shroud	\$352.00
20047168	180mm Premium Dust Shroud	\$385.00
Refer to page11 for accessories & adaptors		

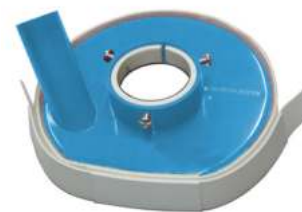
ANGLE
GRINDER

STANDARD ★★

Details: - Professional quality metal body dust shroud.

- Comes complete with inserts to suit all major angle grinder brands.
- Grinds up close to walls.

Part No	Description	List Price (each)
20037106	125mm Pro Dust Shroud	\$231.00



STANDARD ★★

Details: - Professional quality composite body dust shroud.

- Comes complete with inserts to suit various angle grinder brands.
- Replaceable seal.
- Grinds up close to walls.

Part No	Description	List Price (each)
20058282	125mm Tyrolit Pro Dust Shroud	\$220.00
20055114	180mm Tyrolit Pro Dust Shroud	\$275.00
Refer to page 11 for accessories & adaptors		



BASIC ★

Details: High quality metal body dust shroud.

Part No	Description	List Price (each)
20036022	100mm Dust Shroud - 42mm opening	\$140.00
20036023	125mm Dust Shroud - 42mm opening	\$150.00
20036025	180mm Dust Shroud - 62mm opening	\$180.00





DIAMOND CUP WHEELS - ANGLE GRINDER

M14 ADAPTORS

Details: Convert 22.23mm bore cup wheels to threaded M14

ANGLE
GRINDER

Part No	Specifications	Dimensions	List Price (each)
20035845	Adaptor	22.23 x M14	\$44.00

ACCESSORIES & ADAPTORS - 180mm DUST SHROUDS



Part No	Description	List Price (each)
20043620	180mm Dust Shroud (Bosch/Ramset/Keyang Adaptor)	\$52.80
20044903	180mm Dust Shroud Metabo Adaptor - (WX24 230 Quick) (555006)	\$52.80
20086830	180mm Dust Shroud Metabo Adaptor - (WE24-230MVT & WX24-230) (555023)	\$52.80
Additional adaptors for Flex, Milwaukee & Dewalt available on request		
20043999	Deluxe Grinder Spanner	\$59.40
20058652	125mm Dust Shroud - Rubber Diaphragm	\$61.60
20058653	125mm Dust Shroud - Nylon Wear Kit	\$37.40
20044628	180mm Dust Shroud - Rubber Diaphragm	\$61.60
20044627	180mm Dust Shroud - Nylon Wear Kit	\$48.40







WALL CHASING

- | | |
|--------------------------|---------|
| - Channel Cutting Blades | 15 |
| - Vacuum | 16 |
| - Channel Cutters | 17 - 21 |



CHANNEL CUTTING BLADES - CHANNEL CUTTER



PREMIUM ★★★
DCU ★★★ - FC

Application: Universal building materials such as concrete, clay bricks, natural stone, steel etc.



Part No	Specifications	Dimensions	Segment Height	List Price (each)
474746	DCU*** - FC	125 x 2 x 22.23	10	\$54.00
474751	DCU*** - FC	150 x 2.4 x 22.23	9	\$66.00
474752	DCU*** - FC	180 x 2.4 x 22.23	9	\$76.00

WALL CHASING



PREMIUM ★★★
DCU ★★★

Application: Universal building material such as concrete, clay bricks, natural stone, etc.

Details: Suitable for 300^{mm} electric wall chasing machines (HILTI).



Part No	Specifications	Dimensions	Segment Height	List Price (each)
34431007	DCU***	300 x 2.6 x 22.23	12	\$260.00



PREMIUM ★★★
DCH ★★★

Application: Granite, slate, bluestone, hard concrete, bricks etc.



Part No	Specifications	Dimensions	Segment Height	List Price (each)
34475856	DCH***	125 x 2.2 x 22.23	10	\$70.00



VACUUM

DRY VACUUM
200H

Details:

- Approved for both ordinary collection and for extraction from hand tools of typically large quantities of very fine and health hazardous dust.
- Collection in a synthetic bag or direct in the container with simple filter cleaning during operation.



WALL
CHASING

Technical Data

Machine	
Coupling size	Ø50mm
Supply cable	8m
Liquid capacity	30L
Air flow, max.	54 l/sec
Noise level	<70dB(A)
Suction power	285W
Blow through motor	1450W
Voltage	230V
Vacuum, max	29.5kPa
Collection capacity*	14/16L

Part No	Model	Description	List Price (each)
20078945	200H	Dry Vacuum	\$1,911.80



CHANNEL CUTTER

BDN 453

Cutting depth up to 45mm & widths up to 35mm

Details:

- To cut channels in concrete and masonry materials.
- Housing made from aluminium, pressure cast and powder coated with integrated dust suction connection.
- Compact design, low weight, perfect for reaching corners.
- Blades included.
- Electronic indicator designed to show cutting performance.
- Ideal for Electricians and Plumbers as well as other trades who need to cut channels to lay cables, conduit or pipe.
- Able to cut 2 slots up to 35mm wide and 45mm deep.

**Technical Data**

Machine	
Voltage/Frequency	230 v / 50-60 Hz
Nominal Power	1.8kW
Load Speed	7800 rpm
Weight	5.6kg
Blade	
Max. Blade qty and size	2 x 150mm
Cut width	7-35mm
Cut depth	7-45mm
Blade arbor	22.2mm

Part No	Model	Description	List Price (each)
20047042	BDN 453	1.8 kW Chasing Machine	\$2,420.00



CHANNEL CUTTER

BDN 466/6

Cutting depth up to 45mm & widths up to 35mm

Details:

- Powerful - strong motor output and high rpm makes channel cutting possible - even in the hardest material.
- Ideal for electric main wires and pipes as well as for heating and cooling systems.
- Ergonomic handle and tool-free depth adjustment.
- Blades included.
- Safe & strong - No overheating
- Easy restart
- LED-monitor for Identifying cutting capacity
- Able to cut 6 slots up to 35mm wide and 45mm deep



WALL
CHASING

Technical Data

Machine	
Voltage/Frequency	230 v / 50-60 Hz
Nominal Power	2.4kW
Load Speed	8200 rpm
Weight	5.8kg
Blade	
Max. Blade qty and size	6 x 150mm
Cut width	7-35mm
Cut depth	7-45mm
Blade arbor	22.2mm

Part No	Model	Description	List Price (each)
20047041	BDN 466/6	2.4kW Chasing Machine	\$3,872.00





BDN 455

Cutting depth up to 60mm & widths up to 43mm

Details:

- To cut channels in concrete and masonry materials.
- Housing made from aluminium, pressure cast and powder coated with integrated dust suction connection.
- Compact design, low weight, perfect for reaching corners.
- Blades included.
- Protection housing made from aluminium, pressure cast and power coated with integrated dust suction connection.
- Able to cut up to 2 slots 43mm wide and 60mm deep.



Technical Data

Machine	
Voltage/Frequency	230 v / 50-60 Hz
Nominal Power	2.15kW
Load Speed	7300 rpm
Weight	6.6kg
Blade	
Max. Blade qty and size	2 x 185mm
Cut width	9-43mm
Cut depth	15-60mm
Blade arbor	22.2mm

Part No	Model	Description	List Price (each)
10997384	BDN 455	2.15kW Chasing Machine	\$3,630.00

BDN 464/4

Cutting depth up to 60mm & widths up to 43mm

- Details:**
 - Powerful - strong motor output and high rpm makes channel cutting possible - even in the hardest material.
 - Easy handling thanks to an ergonomic handle and tool-free depth adjustment.
 - For joint cutting & chasing.
 - Blades included.
- Able to cut plaster, block, concrete, masonry and brick.
 - Able to cut 4 slots up to 43mm wide and 60mm deep.



WALL CHASING

Technical Data

Machine	
Voltage/Frequency	230 v / 50-60 Hz
Nominal Power	2.4kW
Load Speed	7800 rpm
Weight	6.6kg
Blade	
Max. Blade qty and size	4 x 185mm
Cut width	9-43mm
Cut depth	15-60mm
Blade arbor	22.2mm

Part No	Model	Description	List Price (each)
20047044	BDN 464/4	2.4kW Chasing Machine	\$4,180.00

BDN 511

Cutting depth up to 25mm & widths up to 50mm

Details:

- Safe, with a unique and powerful overload electronic.
- Electronic control to prevent overload, therefore no waiting time until the motor can restart.
- Low operating cost through an electronic and a mechanical clutch.
- Electronics for a smooth start and an LED light for optimal cutting efficiency.
- Dust-free milling with excellent dust suction device, Ø 38mm



Technical Data

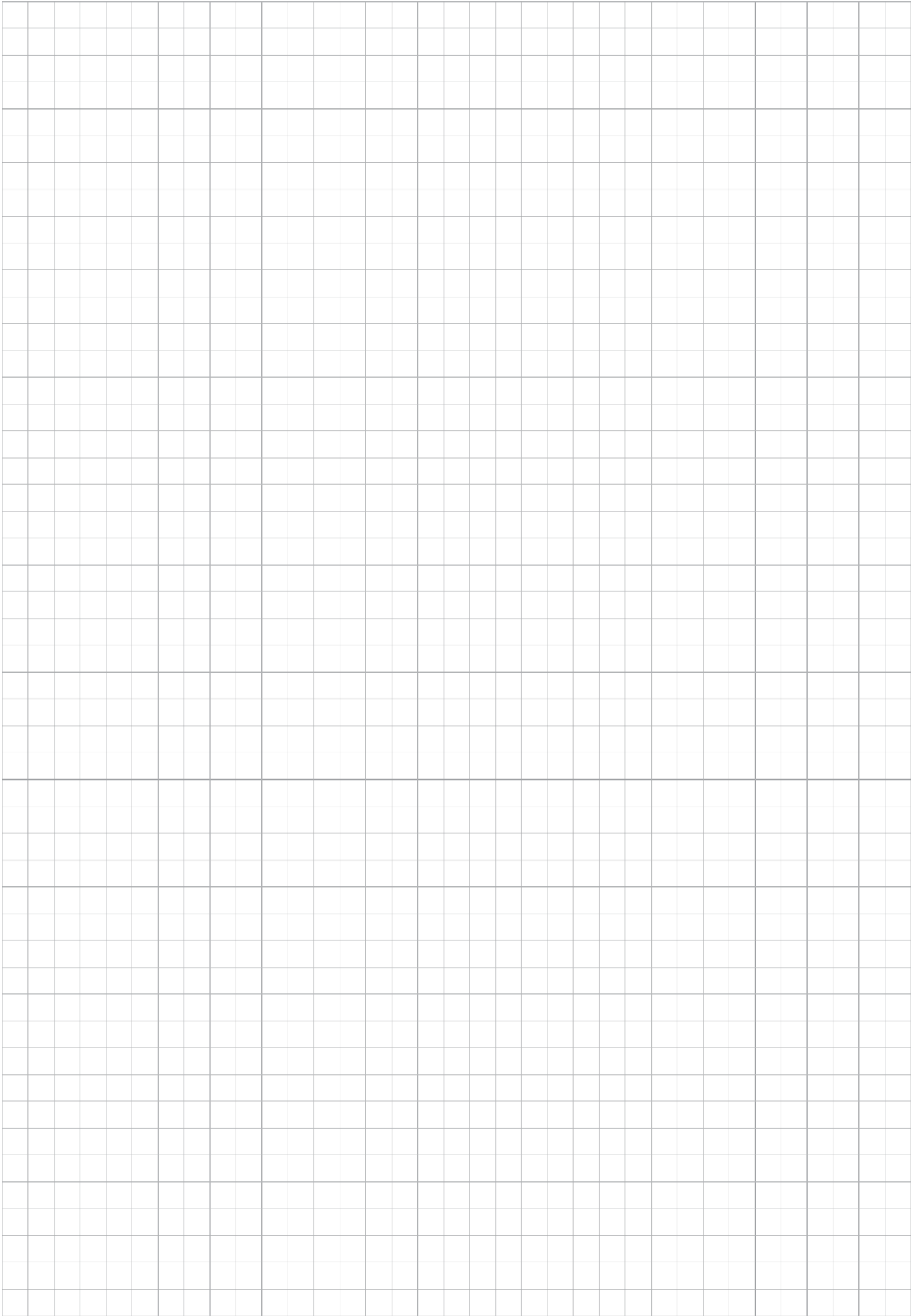
Machine	
Voltage/Frequency	230 v / 50-60 Hz
Nominal Power	2.4kW
Load Speed	7800rpm
Weight	6.5kg

Blade	
Max. Blade qty and size	11 x 150mm
Cut width	50mm
Cut depth	25mm
Blade arbor	22.2mm

Part No	Model	Description	List Price (each)
10999327	BDN 511	2.4kW Channel Cutting System	\$6,270.00



WALL
CHASING





Premium grinding tools since 1919
www.tyrolit.com.au



PETROL SAWING

- Dry Cutting Saw Blades

25 - 28

TYROLIT

DRY CUTTING SAW BLADES - PETROL SAW

PREMIUM ★★★ **DCU ★★★ TGD® - TECHNOLOGY**

Application: Universal building materials such as concrete, clay bricks, natural stone, steel etc.

Details: The versatile dry cutting blade DCU ★★★ has outstanding cutting performance.

The universal application eliminates the need for continuous blade changes and guarantees an outstanding result for the completion of any project.



Part No	Specifications	Dimensions	Segment Height	List Price (each)
34462049	TGD DCU***	350 x 3.2 x 25.4	14	\$325.00
34462050	TGD DCU***	400 x 3.2 x 25.4	14	\$365.00

HAND SAW

PREMIUM ★★★ **DCU ★★★**

Application: Universal building materials such as concrete, clay bricks, natural stone, steel etc.



Part No	Specifications	Dimensions	Segment Height	List Price (each)
34431008	DCU***	300 x 2.6 x 25.4	12	\$260.00
34430836	DCU***	350 x 3.2 x 25.4	12	\$280.00
34431009	DCU***	400 x 3.2 x 25.4	12	\$320.00

PREMIUM ★★★ **DCU ★★★**

Application: Universal building material such as concrete, clay bricks, natural stone, etc.

Details: Suitable for 300^{mm} electric wall chasing machines (HILTI).



Part No	Specifications	Dimensions	Segment Height	List Price (each)
34431007	DCU***	300 x 2.6 x 22.23	12	\$260.00



DRY CUTTING SAW BLADES - PETROL SAW



STANDARD ★★ DCU★★

Application: Universal building materials such as concrete, clay bricks, natural stone, etc.

Part No	Specifications	Dimensions	Segment Height	List Price (each)
559270	DCU**	350 x 3.0 x 25.4	10	\$190.00
563167	DCU**	413 x 3.2 x 25.4	11	\$210.00



HAND SAW



BASIC ★ DCU★ - FC

Application: Universal building materials such as concrete, clay bricks, natural stone, etc.

Details: Self cooling, semi noise reduced steel core with reinforced raised flange for optimum cutting performance

Part No	Specifications	Dimensions	Segment Height	List Price (each)
34205280	DCU* - FC	350 x 3.2 x 25.4	15	\$140.00
34205303	DCU* - FC	400 x 3.4 x 25.4	15	\$160.00



BASIC ★ DCU★

Application: Universal building materials such as concrete, clay bricks, natural stone, etc.

Part No	Specifications	Dimensions	Segment Height	List Price (each)
34501462	DCU*	350 x 3.2 x 25.4	10	\$90.00
529399	DCU*	400 x 3.2 x 25.4	11	\$120.00



DRY CUTTING SAW BLADES - PETROL SAW



Application: Concrete, reinforced concrete, hard materials, concrete products, etc.



Part No	Specifications	Dimensions	Segment Height	List Price (each)
559273	DCC***	350 x 3 x 25.4	10	\$240.00
563168	DCC***	413 x 3.2 x 25.4	11	\$280.00



Application: Asphalt and concrete combination.

Details: The DCA+C ★★★ 2 in 1 achieves the perfect compromise between high cutting speed and excellent stability. This highly wear-resistant, yet fast cutting diamond saw blade has been developed for use in road construction for cutting both asphalt and concrete surfaces. Additional protective segments prevent undercutting of the blades, thereby minimising the likelihood of segment loss.



Part No	Specifications	Dimensions	Segment Height	List Price (each)
34472008	DCA+C***	350 x 3 x 25.4	10	\$240.00
527235 34474151	DCA+C***	413 x 3.2 x 25.4	11	\$280.00



Application: Asphalt, sandstone, extremely abrasive materials.

Details: Protective segments against undercutting effect.



Part No	Diameter	Dimensions	Segment Height	List Price (each)
465987	DCA***	350 x 3 x 25.4	10	\$240.00
34073941	DCA***	413 x 3.2 x 25.4	11	\$280.00



All above blades can be used on low hp petrol saws.
9 - 16hp

DRY CUTTING SAW BLADES - PETROL SAW



Application: Suitable for cutting ductile iron pipe.

Part No	Specifications	Dimensions	Blade Type	List Price (each)
20035377	DCU-DUCTILE	350 x 3.0 x 25.4	Segmented	\$340.00
20035486	DCU-DUCTILE	400 x 3.0 x 25.4	Segmented	\$380.00



REDUCING BUSH

Application: Wide bush suitable to convert the STIHL High Speed Petrol Saw to take 25.4mm bore blades.

HAND SAW

Part No	Specifications	Dimensions	List Price (each)
20036596	BUSH	25.4 x 8.0 x 20	\$4.00







TABLE SAWING

- Table Saw Blades
- Table Saw

31 - 32
33 - 35

TYROLIT

TABLE SAWING

TABLE SAW BLADES

PREMIUM ★★★ EH-T ★★★ SILENT

Application: Hard clay brick, granite, clay pavers, bluestone, etc.

Details: Noise reducing steel core for wet cutting.



Part No	Specifications	Dimensions	Segment Height	List Price (each)
34075368	EH-T***-S	350 x 2.8 x 25.4	10	\$320.00
34240800	EH-T***-S	400 x 3.2 x 25.4	10	\$440.00

PREMIUM ★★★ EH-T ★★★

Application: Hard clay brick, granite, clay pavers, bluestone, etc.

Details: Wet cutting.



Part No	Specifications	Dimensions	Segment Height	List Price (each)
384785	EH-T***	350 x 2.8 x 25.4	10	\$280.00

PREMIUM ★★★ GD SILENT GRANITE BLADE

Application: Granite only

Details: Fast cutting blade, sound reduced blade, wet cutting. (60mm / 50mm Bore)



Part No	Specifications	Dimensions	Segment Height	List Price (each)
306931	GD SILENT	300 x 40 x 2.8 x 10 x 60/50	10	\$280.00
166669	GD SILENT	350 x 40 x 2.8 x 15 x 60/50	15	\$360.00
174366	GD SILENT	400 x 40 x 3.2 x 15 x 60/50	15	\$380.00
192677	GD SILENT	450 x 40 x 3.6 x 15 x 60/50	15	\$420.00
495785	GD SILENT	500 x 40 x 3.6 x 15 x 60/50	15	\$550.00

* Needs to be bushed to 25.4mm for Bench saws.

TABLE SAW BLADES



PREMIUM ★★★ EB-T ★★★ SILENT

Application: Concrete block, abrasive materials, sandstone, etc.

Details: Noise reducing steel core for wet cutting.

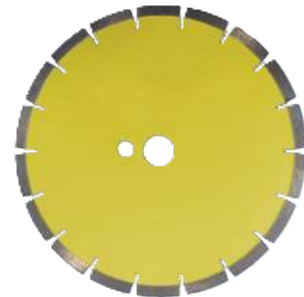
Part No	Specifications	Dimensions	Segment Height	List Price (each)
34075366	EB-T***-S	350 x 2.8 x 25.4	10	\$280.00
34240851	EB-T***-S	400 x 3.2 x 25.4	10	\$320.00
771508	EB-T***-S	514 x 3.6 x 25.4	10	\$550.00



PREMIUM ★★★ EB-T ★★★

Application: Concrete block, abrasive materials, sandstone, etc.

Part No	Specifications	Dimensions	Segment Height	List Price (each)
20054609	EB-T***	250 x 2.4 x 25.4	10	\$140.00



PREMIUM ★★★ DCT ★★★

Application: Ceramic tiles, porcelain, hard stone.

Details: Thin turbo blade with raised reinforced flange for fast clean cuts.

Part No	Specifications	Dimensions	Segment Height	List Price (each)
701934	DCT***	200 x 1.6 x 35/30/25	10	\$140.00
639569	DCT***	250 x 1.6 x 35/30/25	10	\$160.00
639570	DCT***	300 x 2 x 35/30/25	10	\$200.00
639571	DCT***	350 x 2.4 x 35/30/25	10	\$220.00



PREMIUM ★★★ DCT ★★★

Application: Ceramic tiles, porcelain, hard stone.

Part No	Specifications	Dimensions	Segment Height	List Price (each)
20037687	DCT***	180 x 1.6 x 25.4/22.23	8	\$38.00
20035219	DCT***	200 x 1.6 x 25.4/22.23	8	\$44.00
20035220	DCT***	230 x 1.6 x 25.4/22.23	8	\$65.00
20035222	DCT***	250 x 2.2 x 25.4/22.23	8	\$80.00
20035223	DCT***	300 x 2.2 x 25.4/22.23	8	\$130.00
20035225	DCT***	350 x 2.2 x 25.4/22.23	8	\$160.00





TABLE SAWING

TABLE SAW

TILE SAW TRE250 ★★★

Cutting depth up to 60mm

Details:

- Comes with four slide-in-legs, two of which have wheels.
- Reinforced rail with ball bearing wheels to promote smooth movements and accuracy.
- Highly durable steel tray located beneath the table.
- Rail and cutting head can be tilted 45° to perform quick and easy mitre cuts.
- Side Extension table for additional lateral support for large tiles.
- Splash guards reduce water spray.



TABLE SAW

Technical Data

Machine	
Voltage/Frequency	240 v / 50 Hz
Power	1.1 kW
Amps	10A
Saw Blade Drive	Direct
Max. Saw Blade	250mm
Max. Cutting Depth	60mm
Max. Cutting Length	940mm
Saw Blade Speed	2800 rpm
Blade Arbor	25.4mm
Weight	76kg

Part No	Model	Description	List Price (each)
10989500	TRE250***	1.1kW Tile Saw	\$1,750.00



TABLE SAW

MASONRY SAW TBE400 ★★★

Cutting depth up to 125mm

Details:

- Uncompromising price/performance ratio.
- Clean cutting due to a solid nonslip table.
- Swivelling saw head allows 45° Mitre Cuts.
- Robust wheels for easy transport.
- Continuous tool cooling and minimal amount of service work due to the location of the water pump.
- Centrally located emergency stop switch.
- Includes an angle stop for 30° to 90° cuts .



TABLE SAW

Technical Data

Machine	
Voltage/Frequency	230 v / 50 Hz
Power	2.2 kW
Saw Blade Drive	Direct
Max. Saw Blade	400mm
Max. Cutting Depth	125mm
Max. Cutting Length	600mm
Saw Blade Speed	2800 rpm
Blade Arbor	25.4mm
Weight	86kg
Length	1210mm

Part No	Model	Description	List Price (each)
10998400	TBE400***	2.2kW Masonry Saw	\$1,750.00



TABLE SAW

BRIDGE SAW - ACHILLI AMS ★★★

Cutting depth up to 120mm

Details:

- Manual feed and depth adjustment.
- Tilting head 45° to 90° for bevel cutting.
- Recycling water pump.
- Folding legs for easy transport.
- Optional side extension table which can be mounted on both sides of the machine.
- Italian Made.
- AMS100-CE (Cutting length 1000mm).
- AMS1300-CE (Cutting length 1300mm).



Technical Data

Machine	
Voltage/Frequency	230 v / 50 Hz
Power	2.2 kW
Saw Blade Drive	Direct
Max. Saw Blade	350mm
Max. Cutting Depth	105mm
Max. Cutting Length	1000mm / 1300mm
Saw Blade Speed	2800 rpm
Blade Arbor	25.4mm

AMS100-CE

Dimensions & Weight	
Length	1460mm
Width	850mm
Height	540mm
Weight	98kg

Part No	Model	Description	List Price (each)
20035598	AMS100-CE	2.2kW Bridge Saw	\$3,990.00
20035600	AMS130-CE	2.2kW Bridge Saw	\$4,500.00
20037033	AMS	Side Table	\$270.00

AMS130-CE

Dimensions & Weight	
Length	1760mm
Width	870mm
Height	540mm
Weight	112kg

TABLE SAW







FLOOR SAWING/ ROAD SAWING

- | | |
|--------------------|---------|
| - Floor Saw Blades | 39 - 40 |
| - Floor Saw | 41 - 43 |

TYROLIT



FLOOR SAWS

FLOOR SAW BLADES

Suitable for repairing, breaking-up and demolishing roads, motorways, airports and factory buildings as well as removing damaged concrete slabs and breaking through stonework up to 50cm thick.

The tools boast an extremely high cutting rate, very long service life and low cutting pressure to protect the machine.



PREMIUM ★★★

DCC ★★★

Application: Concrete, reinforced concrete, hard materials, concrete products, etc.

Details: Machines 9 to 16hp.



Part No	Specifications	Dimensions	Segment Height	List Price (each)
559273	DCC***	350 x 3 x 25.4	10	\$240.00
563168	DCC***	413 x 3.2 x 25.4	11	\$280.00



PREMIUM ★★★

DCA+C ★★★★★ 2 IN 1

Application: Asphalt and concrete combination.

Details: Machines 9 to 16hp.



Part No	Specifications	Dimensions	Segment Height	List Price (each)
34472008	DCA+C***	350 x 3 x 25.4	10	\$240.00
34474151	DCA+C***	413 x 3.2 x 25.4	11	\$280.00

ROAD SAW

FLOOR SAW BLADES



PREMIUM ★★★

FSC ★★★

Application: Soft to very hard cured reinforced concrete.
Details: Machines 16 to 27hp.

Part No	Specifications	Dimensions	Segment Height	List Price (each)
574854	FSC***	350 x 3.2 x 25.4	12	\$380.00
574855	FSC***	400 x 3.2 x 25.4	12	\$430.00
574856	FSC***	450 x 3.6 x 25.4	12	\$490.00
574857	FSC***	500 x 3.6 x 25.4	12	\$570.00
574858	FSC***	600 x 3.6 x 25.4	12	\$690.00





PREMIUM ★★★

FSA ★★★

Application: Asphalt.
Details: Machines 16 to 27hp.

Part No	Specifications	Dimensions	Segment Height	List Price (each)
574844	FSA***	350 x 3.2 x 25.4	9	\$300.00
574845	FSA***	400 x 3.2 x 25.4	9	\$340.00
574846	FSA***	450 x 3.6 x 25.4	9	\$420.00
574848	FSA***	500 x 3.6 x 25.4	9	\$480.00
574850	FSA***	600 x 3.6 x 25.4	9	\$580.00



ROAD SAW

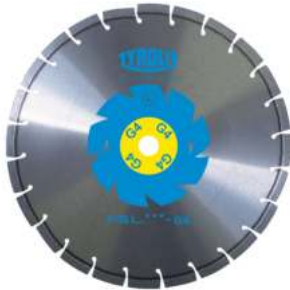


PREMIUM ★★★

FSL ★★★ - G4

Application: Green concrete.
Details: Machines up to 27 hp | Designed for green concrete cutters.

Part No	Specifications	Dimensions	Segment Height	List Price (each)
34015787	FSL***-G4	350 x 2.8 x 25.4	13	\$323.40





FLOOR SAWS

FLOOR SAWS

FLOOR SAW CC1213B ★★★

Cutting depth up to 165mm

Details:

- Water Tank and Lifting Bale.
- Heavy duty design, but light weight enough for 2 people to lift and carry.
- Slip-on blade guard.
- Easy to read depth indicator.
- Made in the USA.
- Single belt.
- Screw feed raise & lower.
- Heavy duty handles.
- Cyclone air filter.
- Left or right side sawing.



ROAD SAW

Technical Data

Machine	
Engine	13hp Briggs Petrol
Max. Blade size	450mm
Max. Depth of cut	165mm
Blade speed	2600 rpm
Blade arbor	25.4mm
Dimensions & Weight	
Length	990mm
Width	585mm
Height	812mm
Weight	131kg

Part No	Model	Description	List Price (each)
20047949	CC1213B	13hp Push Floor Saw	\$3,960.00



FLOOR SAWS

FLOOR SAW CC1823XL-S-24 ★★★

Cutting depth up to 245mm

Details:

- Self Propelled Saw.
- Manual cutting depth adjustment.
- Self aligning blade shaft bearings.
- Made in the USA.
- Cutting depth indicator.
- Tool cooling using water fork.
- Left and right side cutting.
- Lifting hook comes standard.



ROAD SAW

Technical Data

Machine	
Engine	23hp Briggs Petrol
Max. Blade size	600mm
Max. Depth of cut	245mm
Blade speed	2600 rpm
Blade arbor	25.4mm
Dimensions & Weight	
Length	1219mm
Width	559mm
Height	1066mm
Weight	209kg

Part No	Model	Description	List Price (each)
20047991	CC1823XL-S-24	23hp Self Propelled Floor Saw	\$12,300.00



FLOOR SAWS

ROAD SAWS

ROAD SAW FSG735 ★★

CUTTING DEPTHS UP TO 300mm
(CC3535JBV-30)

Details:

- Self-propelled hydrostatic transmission.
- Strong steel box frame with heavy bar reinforcement.
- Left or right hand sawing.
- Precision hydraulic raise and lower system.
- Cyclone air cleaner.
- Frame Lift.
- Quick disconnect blade flanges.
- Cutting depth indicator.
- Telescoping front pointer.



ROAD SAW

Technical Data

Machine	
Engine	35hp Briggs & Stratton Vanguard - Petrol
Max. Blade size	750mm
Max. Depth of cut	300mm
Blade speed	1650 rpm
Blade arbor	25.4mm
Dimensions & Weight	
Length	1004mm
Width	894mm
Height	1200mm
Weight	445kg

Part No	Model	Description	List Price (each)
10991196	FSG735S	35hp Road Saw	\$25,773.00





EARLY ENTRY SAWING

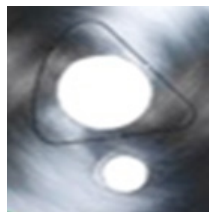
- Early Entry Saw Blades 47
- Early Entry Saw 48 -50





EARLY ENTRY SAWS

EES / SOFFCUT BLADES



Includes 1" arbor for Diamond Products saws and triangle knockout that fits competitor saws. SOFTCUT BORE



PURPLE BLADES HARD AGGREGATE

Application: Early entry saw blades.

Details: Concrete - suits early entry saws control zone cutting.



Part Number	Name	Shape	Description	List Price (each)
34330019	FSL***-EE1	C2W	152 ^{mm} x 2.6 ^{mm} x 25.4 ^{mm}	\$104.50
34411538	FSL***-EE1	C2W	165 ^{mm} x 2.6 ^{mm} x 25.4 ^{mm}	\$115.50
34330053	FSL***-EE1	C2W	203 ^{mm} x 2.6 ^{mm} x 25.4 ^{mm}	\$145.20
34330057	FSL***-EE1	C2W	254 ^{mm} x 2.8 ^{mm} x 25.4 ^{mm}	\$209.00
34330085	FSL***-EE1	C2W	343 ^{mm} x 2.6 ^{mm} x 25.4 ^{mm}	\$291.50
34330092	FSL***-EE1	C2W	358 ^{mm} x 2.8 ^{mm} x 25.4 ^{mm}	\$319.00



RED BLADES MEDIUM AGGREGATE

Application: Early entry saw blades.

Details: Concrete - suits early entry saws control zone cutting.



Part Number	Name	Shape	Description	List Price (each)
34330020	FSL***-EE3	C2W	150 ^{mm} x 2.6 ^{mm} x 25.4 ^{mm}	\$104.50
34330086	FSL***-EE3	C2W	343 ^{mm} x 2.6 ^{mm} x 25.4 ^{mm}	\$291.50
34330093	FSL***-EE3	C2W	358 ^{mm} x 2.8 ^{mm} x 25.4 ^{mm}	\$319.00

EARLY ENTRY
SAWS

SKID PLATES

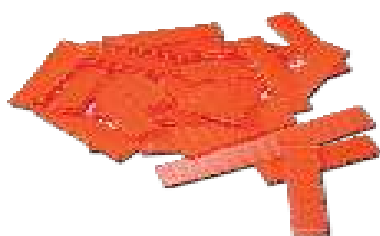
Application: Early entry saw blades.

Details: Concrete - suits early entry saws control zone cutting.



Part Number	Description	List Price (each)
20080181	150 ^{mm} , 165 ^{mm} + 200 ^{mm} Skid Plate	\$110.00
20055052	250 ^{mm} Skid Plate	\$121.00
20059546	300 ^{mm} - 343 ^{mm} Skid Plate	\$126.50
20059547	350 ^{mm} Skid Plate	\$132.00

JOINT SPACERS



Part Number	Description	Size	List Price (each)
20059768	Joint spacer	50.8 ^{mm} x 6.4 ^{mm} x 3.2 ^{mm}	\$16.50



EARLY ENTRY SAW
CC-150XL EE
CUTTING DEPTHS UP TO 45mm

- Details:**
- Heavy duty solid steel design, but light weight.
 - Cyclone air filter.
 - Easy to read built-in depth indicator
 - Blade raise/lower mechanical mechanism with spring loaded release.
 - Telescope, Heavy duty handles offers no slack and do not rattle.
 - Single ribbed belt.
 - Upcut design.
 - 5 wheel stability.
 - Durable pointer guide.
 - 1 wrench blade change.

Technical Data

Specifications	
Max. Cutting depth	45mm
Max. Saw blade Ø	165mm
No Load saw blade speed	2600rpm
Saw blade holder Ø	25.4mm

Drive	
Drive motor	Petrol
Type	Briggs Vanguard
Output	6.5 HP/ 4.78kW
Engine Cooling	Air
Blade drive	Via V-Belt

Dimensions & Weight	
Length	419mm
Width	430mm
Height	554mm
Weight	45.4kg

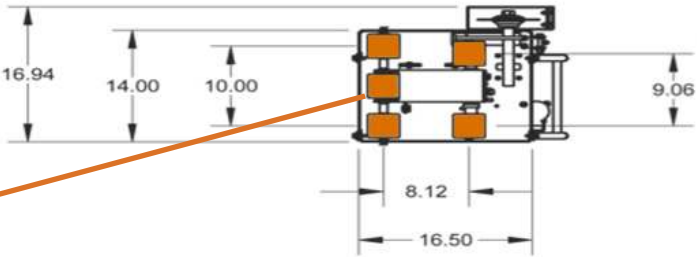


EARLY ENTRY
SAWS

Part No	Model	Description	List Price (each)
20059485	CC-165BVXL-EE6	6.5hp Early Entry Saw	\$4,686.00

*Blade not included

FIVE wheels under the frame for increased stability – won't wobble like competitor saws.





EARLY ENTRY SAWS

EARLY ENTRY SAW

CC-190PRO EE

CUTTING DEPTHS UP TO 90mm

Details:

- Solid steel frame.
- Durable steel guide.
- Self propelled drive.
- Lifting hook.
- Max cutting depth of 90^{mm} with a 350^{mm} blade.
- Upcut design to keep slurry from going back in the cut.
- Self aligning blade shaft bearings.
- Easy access to battery with heavy duty battery isolator switch to prevent battery drain.
- Spring loaded skid plate that keeps it down on the surface.

Technical Data

Specifications	
Max. Cutting depth	90mm
Max. Saw blade Ø	350mm
No Load saw blade speed	3000rpm
Saw blade holder Ø	25.4mm

Drive	
Drive motor	Petrol
Type	Honda GX630
Output	22kW / 20.8HP
Engine Cooling	Air
Blade drive	Via V-Belt

Dimensions & Weight	
Length	944.6mm
Width	647.7mm
Height	1690.9mm
Weight	190.5kg

*Blade not included



Part No	Model	Description	List Price (each)
10996923	CC-190PRO-EE	20.8hp Early Entry Saw	\$17,600.00
20079520	Dust Port	CC190 Dust Guard with 2' Male coupling - Suit GL35	\$396.00
10997928	Dust Port	CC190 Dust Guard with 150 ^{mm} Port - Suit VC1900	\$682.00

EARLY ENTRY SAW
BLADE GUARD



Part No	Description
20059485	CC-165BVXL-EE6
20043313	50 ^{mm} Coupling
20043081	2" Male Thread

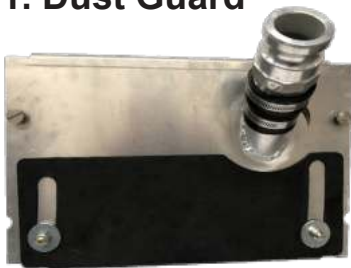


CC-190PRO - EE
comes with Standard Guard



- Optional Dust Guard
- 1. 50^{mm} Male Coupling to suit GL35.
 - 2. 150^{mm} Port to suit VC1900 Vac.

1. Dust Guard



Fitted 50^{mm} Coupling

Part No	Description
10996923	CC-190PRO-EE
20079520	Dust shroud with 50 ^{mm} coupling

2. Dust Guard



Fitted 150^{mm} Port

Part No	Description
10996923	CC-190PRO-EE
10997928	Dust shroud with 150 ^{mm} Port





CORE DRILLING

- | | |
|--------------------------|---------|
| - Core Drill Bits | 53 - 55 |
| - Core Drill Motors | 56 - 62 |
| - Core Drill Stand | 63 - 67 |
| - Core Drill Accessories | 68 - 70 |
| - Selecting Guide | 71 - 72 |

TYROLIT



CORE DRILLING

CORE DRILL BITS

TYROLIT core drills are especially suited for drilling reinforced or non-reinforced concrete. Can be operated on a drill rig or by hand. TYROLIT core drill bits are designed to work flawlessly with TYROLIT Hydrostress machines.

Quality tools for the most demanding applications and maximum economic efficiency. Excellent and consistent performance universal use and smooth core removal. Laser-welded segments up to Ø250mm for maximum safety.



PREMIUM ★★★

CDL ★★★

Application: Soft to very hard cured reinforced concrete.

Details: Machines up to 3kW.

1 1/4" UNC



R 1/2"



Part No	Specifications	Dimensions	List Price (each)
573041	CDL***	12 x 350 x R1/2"	\$99.00
501144	CDL***	14 x 350 x R1/2"	\$99.00
556339	CDL***	16 x 350 x R1/2"	\$107.80
501145	CDL***	18 x 350 x R1/2"	\$107.80
501146	CDL***	20 x 350 x R1/2"	\$110.00
501147	CDL***	22 x 350 x R1/2"	\$115.50
501148	CDL***	24 x 350 x R1/2"	\$123.20
501149	CDL***	25 x 350 x R1/2"	\$123.20
501150	CDL***	26 x 350 x R1/2"	\$127.60
501151	CDL***	28 x 350 x R1/2"	\$132.00
556109	CDL***	30 x 350 x R1/2"	\$143.00
501153	CDL***	32 x 350 x R1/2"	\$143.00
501155	CDL***	35 x 350 x R1/2"	\$147.40
571345	CDL***	38 x 350 x R1/2"	\$147.40
501156	CDL***	40 x 350 x R1/2"	\$178.20
34037459	CDL***	42 x 350 x R1/2"	\$178.20
555802	CDL***	18 x 450 x 11/4"	\$143.00
545283	CDL***	20 x 450 x 11/4"	\$145.20
555804	CDL***	22 x 450 x 11/4"	\$154.00
555805	CDL***	24 x 450 x 11/4"	\$165.00
545286	CDL***	25 x 450 x 11/4"	\$165.00
571784	CDL***	26 x 450 x 11/4"	\$170.50
555807	CDL***	28 x 450 x 11/4"	\$176.00
545289	CDL***	30 x 450 x 11/4"	\$184.80
555811	CDL***	32 x 450 x 11/4"	\$193.60
545293	CDL***	35 x 450 x 11/4"	\$198.00
545296	CDL***	38 x 450 x 11/4"	\$204.60
545295	CDL***	40 x 450 x 11/4"	\$211.20
125517	CDL***	42 x 450 x 11/4"	\$220.00

CORE
DRILLING



STANDARD ★ ★
CDM ★ ★

Application: Soft to very hard cured reinforced concrete.

Details: Machines up to 3kW.

Part No	Specifications	Dimensions	List Price (each)
34202535	CDM**	12 x 350 x R 1/2"	\$80.00
34202537	CDM**	14 x 350 x R 1/2"	\$84.00
34202540	CDM**	16 x 350 x R 1/2"	\$84.00
34202541	CDM**	18 x 350 x R 1/2"	\$86.00
935691	CDM**	20 x 350 x R 1/2"	\$90.00
34202543	CDM**	22 x 350 x R 1/2"	\$90.00
67489	CDM**	24 x 350 x R 1/2"	\$90.00
34202643	CDM**	25 x 350 x R 1/2"	\$90.00
34202644	CDM**	26 x 350 x R 1/2"	\$98.00
67492	CDM**	28 x 350 x R 1/2"	\$98.00
34202645	CDM**	30 x 350 x R 1/2"	\$98.00
34202646	CDM**	32 x 350 x R 1/2"	\$110.00
34202647	CDM**	35 x 350 x R 1/2"	\$110.00
34202648	CDM**	37 x 350 x R 1/2"	\$120.00
34192254	CDM**	40 x 350 x R 1/2"	\$120.00
34202649	CDM**	42 x 350 x R 1/2"	\$126.00
34201310	CDM**	18 x 450 x 11/4"	\$86.00
34201797	CDM**	20 x 450 x 11/4"	\$90.00
34201798	CDM**	22 x 450 x 11/4"	\$90.00
34201799	CDM**	24 x 450 x 11/4"	\$90.00
34201811	CDM**	25 x 450 x 11/4"	\$90.00
34201813	CDM**	26 x 450 x 11/4"	\$98.00
34201816	CDM**	28 x 450 x 11/4"	\$98.00
34201817	CDM**	30 x 450 x 11/4"	\$98.00
34201818	CDM**	32 x 450 x 11/4"	\$110.00
34201819	CDM**	35 x 450 x 11/4"	\$110.00
34202466	CDM**	37 x 450 x 11/4"	\$120.00
34201820	CDM**	40 x 450 x 11/4"	\$120.00

1 1/4" UNC



R 1/2"



CORE
DRILLING



CORE DRILLING

CORE DRILL BITS



PREMIUM ★★★

CDXM ★★★

Application: Soft to medium hard cured reinforced concrete.

Details: Machines up to 3kW.

Part No	Specifications	Dimensions	List Price (each)
34331923	CDXM***	47 x 450 x 1 1/4"	\$116.60
34206525	CDXM***	52 x 450 x 1 1/4"	\$116.60
34331924	CDXM***	57 x 450 x 1 1/4"	\$127.60
34206526	CDXM***	62 x 450 x 1 1/4"	\$127.60
34206527	CDXM***	67 x 450 x 1 1/4"	\$127.60
34206528	CDXM***	72 x 450 x 1 1/4"	\$138.60
34206529	CDXM***	77 x 450 x 1 1/4"	\$138.60
34167814	CDXM***	82 x 450 x 1 1/4"	\$150.70
34167819	CDXM***	92 x 450 x 1 1/4"	\$161.70
34167831	CDXM***	102 x 450 x 1 1/4"	\$173.80
34167837	CDXM***	117 x 450 x 1 1/4"	\$209.00
34167841	CDXM***	127 x 450 x 1 1/4"	\$231.00
34167843	CDXM***	132 x 450 x 1 1/4"	\$244.20
34167845	CDXM***	142 x 450 x 1 1/4"	\$255.20
34167847	CDXM***	152 x 450 x 1 1/4"	\$277.20
34167851	CDXM***	162 x 450 x 1 1/4"	\$300.30
34167857	CDXM***	182 x 450 x 1 1/4"	\$323.80
34167863	CDXM***	202 x 450 x 1 1/4"	\$346.50
34167867	CDXM***	225 x 450 x 1 1/4"	\$415.80
34167873	CDXM***	250 x 450 x 1 1/4"	\$440.00
34433706	CDXM***	275 x 450 x 1 1/4"	\$484.00
34394158	CDXM***	300 x 450 x 1 1/4"	\$616.00
34394159	CDXM***	350 x 450 x 1 1/4"	\$792.00





CORE DRILL

ELECTRIC DRILL MOTOR

DME22SU★★

Core Drilling up to 180mm

Details:

- Ideal for electrical and plumbing installations.
- Easy to use with adjustable side handle and soft start.
- Optimal rotational speed due to 3-speed gearbox and variable speed adjustment.
- Integrated overload protection.
- Wet Cooling.



Technical Data

Machine	
Voltage/Frequency	230 v / 50-60 Hz
Drill Diameter Range	20 - 180mm
Nominal Power	2.2kW
Nominal Current	9.5 A
Load Speed	400/750/1550 rpm
No Load Speed	850/1650/3450 rpm
Tool Attachment (external)	1 1/4"
Tool Attachment (internal)	1/2"
Operation	Hand-Held / Rig-Mounted
Drill Rig Attachment	Clamping collar 60mm

Dimensions & Weight	
Length	552mm
Width	110mm
Height	150mm
Weight	6.0 kg
Suitable Drill Rig	
DRA150 / DRU160	

Part No	Model	Description	List Price (each)
10993027	DME22SU**	2.2kW Hand Held Drill Motor	\$990.00

CORE DRILLING



CORE DRILL

ELECTRIC DRILL MOTOR

DME20PW ★★★

Core Drilling up to 160mm

Details:

- Efficient motor with very high drilling performance.
- Compact and ergonomic design.
- Extremely robust 3-gear oil bath gearbox and metal body.
- Built in motor protection and levelling aid.
- Universal application: hand-held or rig mounted / wet drilling.
- Hydrostress branded made by Weka.



Technical Data

Machine	
Voltage/Frequency	230 v / 50-60 Hz
Drill Diameter Range	15 - 160mm
Nominal Power	2.0kW
Nominal Current	9.5 A
Load Speed	540/1200/2520 rpm
Tool Attachment (external)	1 1/4"
Tool Attachment (internal)	1/2"
Operation	Hand-Held / Rig-Mounted
Drill Rig Attachment	Clamping collar 60mm

Dimensions & Weight	
Length	350mm
Weight	5.9 kg

Suitable Drill Rig	
DRA150 / DRU160	

Part No	Model	Description	List Price (each)
10997529	DME20PW***	2.0kW Hand Held Drill Motor	\$1,848.00



CORE DRILL

ELECTRIC DRILL MOTOR

DME23UW ★★★

Core Drilling up to 250mm

Details:

- Optimal handling thanks to a very compact and light weight design.
- High drilling performance.
- Robust full metal body and 3-gear oil bath gearbox.
- Anti-friction technology to assist with loosening drill bits..
- Various drill rig attachments: Quick change clamping system or universal plate.
- 10 amp power for domestic use.
- Hydrostress branded made by Weka.



CORE
DRILLING

Technical Data

Machine	
Voltage/Frequency	230 v / 50-60 Hz
Drill Diameter Range	15 - 250mm
Nominal Power	2.3kW
Nominal Current	10 A
Load Speed	320/630/950 rpm
Tool Attachment (external)	1 1/4"
Tool Attachment (internal)	Adaptor required
Operation	Rig-Mounted
Drill Rig Attachment	Universal

Dimensions & Weight	
Length	490mm
Weight	11.6 kg

Suitable Drill Rig	
DRU250	

Part No	Model	Description	List Price (each)
10997530	DME23UW***	2.3kW Rig Mount Drill Motor	\$2,492.60



CORE DRILLING

CORE DRILL

ELECTRIC DRILL MOTOR

DME32UW ★★★

Core Drilling up to 350mm

Details:

- High productivity based on optimal torque settings.
- Extremely robust 3-gear oil bath gearbox and metal body.
- Universal application: rig mounted.
- Quick change clamping system or universal plate.
- Industry recognised.
- Market leader.
- Hydrostress branded made by Weka.



Technical Data

Machine	
Voltage/Frequency	230 v / 50-60 Hz
Drill Diameter Range	15 - 350mm
Nominal Power	3.2kW
Nominal Current	15 A
Load Speed	230/460/720 rpm
Tool Attachment (external)	1 1/4"
Tool Attachment (internal)	Adaptor required
Operation	Rig-Mounted
Drill Rig Attachment	Universal Plate

Dimensions & Weight	
Length	488mm
Weight	11.9 kg

Suitable Drill Rig	
DRA400	

Part No	Model	Description	List Price (each)
10997531	DME32UW***	3.2kW Rig Mount Drill Motor	\$2,640.00



CORE DRILL

CORE DRILL SYSTEM

DK16

Core Drilling up to 160mm

Details:

- High quality standards with maximum efficiency.
- Designed for steady and professional use.
- Easy speed adjustment thanks to a 3 speed gearbox.
- Oil-bath lubrication allows for high durability.
- Overload clutch protection for the operator as well as for the machine.
- Levelling aid.
- Metal casing allows the drill to be thermally and mechanically stable.
- Made by Weka.

Technical Data

Machine	
Nominal Power	2.0 kW
Output Power	1100W
Load Speed	900/1900/3900rpm
Nominal Current	9.5 A

Drilling Ø Approx.	
In Drill Stand	12-160mm
Hand Held	12-60mm
Tool fixture	1/2"GAZ / 1 1/4" UNC
Mounting Neck Ø	60mm

Dimensions & Weight	
Length	350mm
Weight	7 kg

Suitable Drill Rig	
DRA150 / DRU160	



CORE
DRILLING

Part No	Model	Description	List Price (each)
10997535	DK16	2.0kW Hand Held Drill Motor	\$1, 848.00



CORE DRILLING

CORE DRILL

CORE DRILL SYSTEM

DK23

Core Drilling up to 250mm

Details:

- High quality standards with maximum efficiency.
- Designed for steady and professional use.
- 3 speed change gearbox.
- Oil-bath lubrication allows for high durability.
- Overload clutch protection for the operator as well as for the machine.
- Shaft protection sleeve.
- Levelling aid.
- Metal casing allows the drill to be thermally and mechanically stable.
- Made by Weka.

Technical Data

Machine	
Nominal Power	2.3kW
Output Power	1870W
Load Speed	320/630/950rpm
Nominal Current	10 A

Drilling Ø Approx.	
In Drill Stand	40-250mm
Tool fixture	1 1/4" UNC
Mounting	Universal Plate

Dimensions & Weight	
Length	490mm
Weight	11.6 kg

Suitable Drill Rig	
DRU250 / DRA400	



Part No	Model	Description	List Price (each)
10997536	DK23	2.3kW Rig Mount Drill Motor	\$2,492.60



CORE DRILL

CORE DRILL SYSTEM

DK32

Core Drilling up to 350mm

Details:

- High quality standards with maximum efficiency.
- Designed for steady and professional use.
- 3 speed change gearbox.
- Oil-bath lubrication allows for high durability.
- Double coated drill spindle with protective sleeves.
- Overload clutch protection for the operator as well as for the machine.
- Shaft protection sleeve.
- Levelling aid
- Metal casing allows the drill to be thermally and mechanically stable.
- Made by Weka.

Technical Data

Machine	
Nominal Power	3.2 kW
Output Power	2300W
Load Speed	420/820/1250rpm
Nominal Current	15 A

Drilling Ø Approx.	
In Drill Stand	55-350mm
Tool fixture	1 1/4" UNC
Mounting	Universal Plate

Dimensions & Weight	
Length	490mm
Weight	12 kg

Suitable Drill Rig	
DRU250 / DRA400 / DRA500	



CORE
DRILLING

Part No	Model	Description	List Price (each)
10997537	DK32	3.2kW Rig Mount Drill Motor	\$2,640.00



CORE DRILLING

CORE DRILL STAND

CORE DRILL SYSTEM

DRS162 ★★

Core Drilling up to 162mm

Details:

- The ideal core drilling entry model.
- Optimal in-line solution consisting of drill motor and drilling rig.
- Easiest operation, using preset rotational speeds and compact lightweight construction.
- Controlled operation and avoidance of overloading using LED indicator.
- Maximum safety using PRCD - personal safety switch.

Accessories:

- Anchor bolts
- Vacuum plate & hose
- Core puller and handle
- Drill Guide
- Water tank



Technical Data

Machine	
Voltage/Frequency	230 v / 50 Hz
Drill Diameter Range	40-162mm
Nominal Power	2.5 kW
Nominal Current	11.5 A
Load Speed	450 rpm
Tool Attachment (external)	1 1/4"
Tool Attachment (internal)	1/2"
Operation	Drill Rig Operation
Application	Wet

Dimensions & Weight	
Length	365mm
Width	185mm
Height	855mm
Weight	15.5kg

*Core not included

Part No	Model	Descriptions	List Price (each)
10990700	DRS162**	Core Drilling System	\$1,428.00

CORE DRILLING





CORE DRILL STAND

CORE DRILL SYSTEM

DRA150 ★★

Core Drilling up to 150mm

Details:

- Ideal for electrical and plumbing installations.
- Suitable for 550mm long core bits.
- Diagonal adjustment 90° - 45° with angle indicator.
- Ease of use due to centre indicator, spirit levels and carry handle.
- Safe fastening by means of dowel foot.
- Vacuum accessories available.

Accessories:

- Fastening bolt assembly.
- Vacuum plate, pump and hose.
- Water retention ring.
- Core puller and handle.
- Water tank.



*Motor and Core not included

Technical Data

Machine	
Drill diameter range	20-152mm
Max Drill Diameter	152mm
Max drill bit length	550mm
Dimensions & Weight	
Length	330mm
Width	240mm
Height	950mm
Weight	9.5 kg
Suitable Drill Motor	
DME20 / DME22	

Part No	Model	Description	List Price (each)
10993967	DRA150**	Small Drilling Rig	\$990.00

CORE
DRILLING



CORE DRILLING

CORE DRILL STAND

CORE DRILL SYSTEM

DRU160 ★★★

Core Drilling up to 160mm

Details:

- Stable roller guide for precision drilling.
- Rapid assembly thanks to a standard clamping collar system.
- Centre indicator, angle indicator and spirit level.
- Easy to use hand crank.
- Maximum flexibility using either dowel or vacuum attachments.
- Suitable for hand drill motor.

Accessories:

- Fastening bolt assembly.
- Vacuum set.
- Quick grip.
- Gasket.
- Water retention ring and holder.
- Core puller and handle.
- Water tank.



Technical Data

Machine	
Drill diameter range	15 - 160mm
Max Drill Diameter	160mm
Max drill bit length	560mm
Dimensions & Weight	
Length	400mm
Width	200mm
Height	866mm
Weight	9.0 kg
Suitable Drill Motor	
DME20 / DME22	

*Motor and Core not included

Part No	Model	Description	List Price (each)
10987400	DRU160***	Small Drilling Rig	\$1,474.00

CORE
DRILLING



CORE DRILL STAND

CORE DRILL SYSTEM

DRU250 ★★★

Core Drilling up to 250mm

Details:

- Impressive stability and drilling performance thanks to robust drilling columns and wide gear teeth.
- Precision drilling from optimised stable roller guides.
- Light weight construction allows for easy transport.
- Quick change clamping system allows for fast and safe drill motor attachment.
- Two speed feed gearbox with user friendly hand crank.
- Integrated angle indicator.
- Maximum flexibility using dowel or vacuum fixing.

Accessories:

- Fastening bolt assembly.
- Vacuum set.
- Mounting plate.
- Quick grip.
- Gasket.
- Water retention ring and holder.
- Trolley chassis.
- Core puller and handle.
- Ceiling prop.
- Water tank.

Technical Data

Machine	
Drill diameter range	40 - 250mm
Max Drill Diameter	250mm
Max drill bit length	582mm
Dimensions & Weight	
Length	447mm
Width	250mm
Height	908mm
Weight	14 kg
Suitable Drill Motor	
DME23	



*Motor and Core not included

Part No	Model	Description	List Price (each)
10984500	DRU250***	Medium Drilling Rig	\$1,732.50

CORE DRILLING



CORE DRILLING

CORE DRILL STAND

CORE DRILL SYSTEM

DRA400 ★★★

Core Drilling up to 400mm

Details:

- Professional core drilling system for a versatile range of application.
- Impressive stability and drilling performance thanks to robust drilling columns and wide gear teeth.
- Precision drilling from optimised stable roller guides.
- Light weight construction allows for easy transport.
- Quick change clamping system allows for fast and safe drill motor attachment.
- Two speed feed gearbox with user friendly hand crank.
- Integrated angle indicator, spirit level and centre gauge.
- Maximum flexibility using dowel or vacuum fixing.

Accessories:

- Fastening bolt assembly.
- Vacuum set.
- Mounting plate.
- Distance plate.
- Quick grip.
- Gasket.
- Water retention ring and holder.
- Trolley chassis.
- Core puller and handle.
- Ceiling prop.
- Water tank.



Technical Data

Machine	
Drill diameter range	50-400mm
Max Drill Diameter with 180mm distance plate	400mm
Max drill bit length	746mm
Dimensions & Weight	
Length	305mm
Width	205mm
Height	1055mm
Weight	19 kg
Suitable Drill Motor	
DME23 / DME32	

*Motor and Core not included

Part No	Model	Description	List Price (each)
10987600	DRA400***	Large Drilling Rig	\$2,772.00



CORE DRILLING - ACCESSORIES

**ModulDrill™**

Part No	Model	Description	List Price (each)
977464	QR Plate	ModulDrill™	\$220.00

**Distance Plate**

Part No	Model	Description	List Price (each)
20045899	Dist. Plate	180mm Distance Plate	\$440.00
20045910	Dist. Plate	250mm Distance Plate	\$484.00

**Anchor Bolt**

Part No	Model	Description	List Price (each)
20046284	Anchor	Standard Anchor Bolt	\$41.80
1100588	Anchor	Premium Anchor Bolt	\$129.80

**Vacuum Pad**

Part No	Model	Description	List Price (each)
10993961	Vac Pad	DRA150 Vacuum Pad	\$220.00
10984508	Vac Pad	DRS160 Vacuum Pad	\$413.00
20037029	Vac Plate	Large Vac Plate with Wheels (Suits DRA400)	\$552.20

**Vacuum Pump + Frame**

Part No	Model	Description	List Price (each)
20035637	Vac Pump	Vac Pump with Frame	\$1,188.00

**Vacuum Pump + Tank**

Part No	Model	Description	List Price (each)
20035636	Vac Pump	Vac Pump with Tank	\$1,529.00

**Vacuum Pump**

Part No	Model	Description	List Price (each)
10999500	VPE600	Hydrostress VPE600 Vacuum Pump	\$1,529.00

**Vacuum Kit**

Part No	Model	Description	List Price (each)
976014	Vac Kit	Vac kit DRU160	\$162.80
960795	Vac Kit	Vac kit DRU250	\$162.80

**Vacuum Rubber**

Part No	Model	Description	List Price (each)
976438	Vac Rubber	DRU160	\$44.00
960797	Vac Rubber	DRU250	\$44.00

**Sharpening block**

Part No	Model	Description	List Price (each)
484672	Block	Sharpening block	\$220.00



CORE DRILLING - ACCESSORIES

VCE2000 Water & Dust Collection System

Part No	Model	Description	List Price (each)
10983921	VCE2000**	Wet & Dry Vac	\$1089.00



Water Trap Gasket

Part No	Model	Description	List Price (each)
976134	Trap	130mm Water Trap	\$352.00
976128	Gasket	130mm Water Trap Gasket	\$37.40
10988898	Trap	250mm Water Trap	\$484.00
977447	Gasket	250mm Water Trap Gasket	\$77.00



Water Pressure Tank

Part No	Model	Description	List Price (each)
20035635	Tank	Water Pressure Tank	\$308.00
10995285	Bucket	Eco Pump Bucket	\$157.30



Hydrostress Water Retaining Ring

Part No	Model	Description	List Price
10998048	Water Trap Ring	Hydrostress water retaining, ring up to 152mm	\$143.00



Extension Rod

Part No	Model	Description	List Price (each)
20037025	Ext Rod	150mm x 1/2" Extension Rod	\$104.50
20037026	Ext Rod	300mm x 1/2" Extension Rod	\$104.50
20037024	Ext Rod	150mm x 1 1/4" Extension Rod	\$121.00
20030291	Ext Rod	300mm x 1 1/4" Extension Rod	\$121.00
20037027	Ext Rod	600mm x 1 1/4" Extension Rod	\$220.00



Core Puller / Core Handle

Part No	Model	Description	List Price (each)
20046280	Core Puller	Spring Loaded	\$330.00
20046282	Core Handle	Carry Handle	\$36.30
34277925	Core Handle	Eco Carry Handle	\$13.20





CORE DRILLING - ACCESSORIES



Adaptor

Part No	Model	Description	List Price (each)
20037070	Adaptor	1/2" Male to 1 1/4" Male	\$110.00
20037071	Adaptor	1/2" Female to 1 1/4" Female	\$110.00
963591	Adaptor	Weka Adapter 1 1/4" to 1/2" Female	\$110.00



Spanner

Part No	Model	Description	List Price
10984996	Spanner	M41 Core Bit Spanner	\$60.00
973772	Spanner	SW22 Drill Motor Spanner	\$16.50
973773	Spanner	SW24 Drill Motor Spanner	\$17.60
973776	Spanner	SW32 Drill Motor Spanner	\$33.00



Loxon Anchor Plug

Part No	Model	Description	List Price (50 pieces)
20059641	Loxon, Anchor Plug	Anchor Plug M12/16mm x 50mm (50pieces)	\$24.20



SDS Bits



























Part No	Model	Description	List Price
20059643	SDS Bits	Masonry Drill 16mm x 200mm, SDS Multi Fit	\$29.70



Setting Tool

Part No	Model	Description	List Price
20059642	Setting Tool	Setting Tool - Drop in Anchor	\$24.20

SELECTING GUIDE

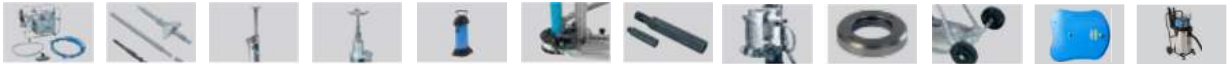
Model	Power, in kW	Application	Drill diameter range in mm		
 DME22SU***	2.2	  			
 DME20PW***	2.0	 			
 DPE100***	2.2				
 DME20UH***	2.3				
 DME20UW***	3.2				
 Wet  Dry  Also handdrill					

CORE
DRILLING



ACCESSORIES

Drill rig
recommendation



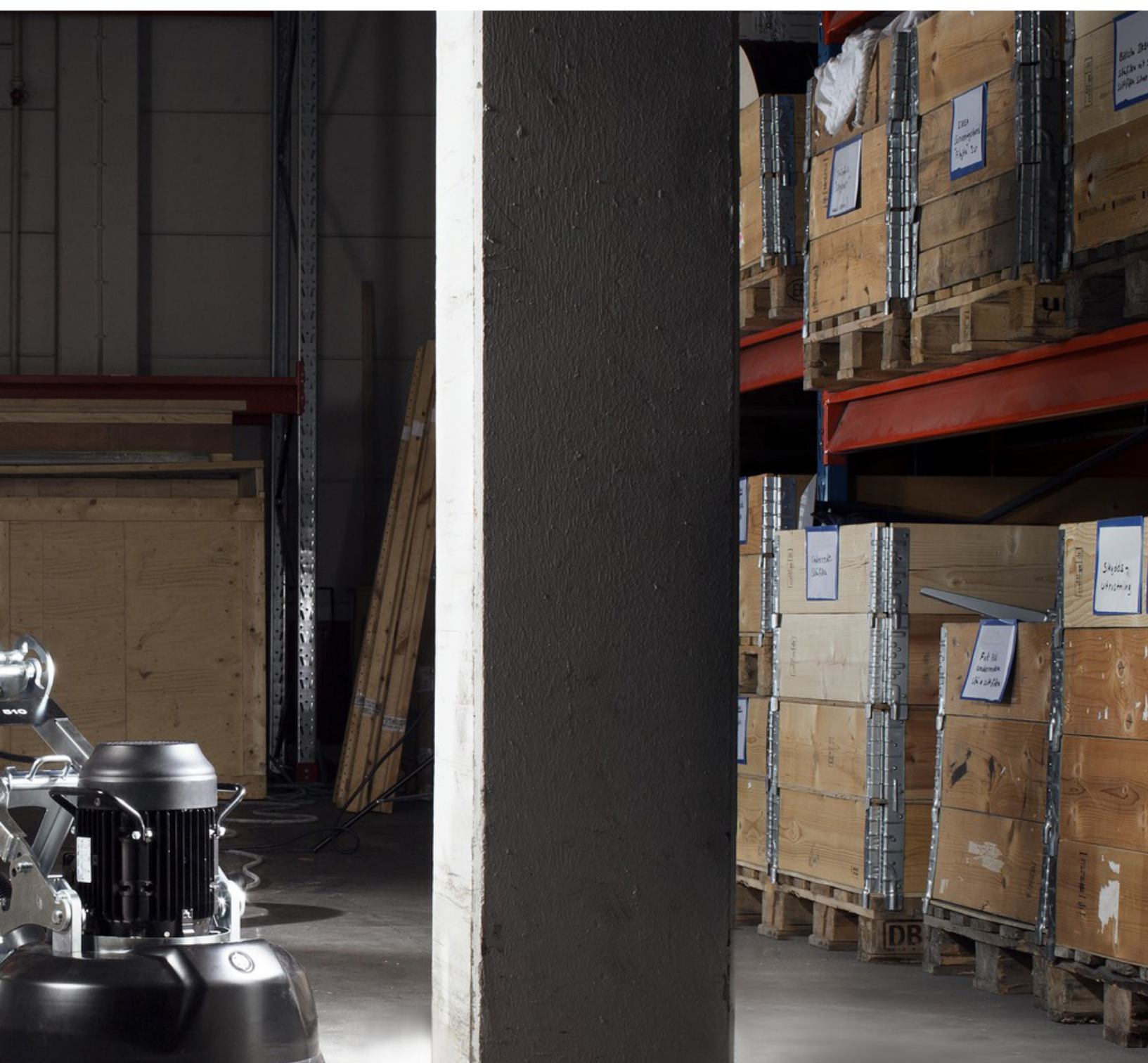
Vacuum fixing Fastening bolt assembly Quick grip device Ceiling prop Watertank Water retention ring Extension ModulDrill distance plate Antifriction-Element Trolley chassis Vacuum Pad Wet Vac

 DR110+++												
Integrated												
 DR400+++												
 DR400+++												

available /
available

CORE
DRILLING





FLOOR GRINDING

- | | |
|--------------------------|---------|
| - Floor Grinding Tools | 75 - 79 |
| - Floor Grinders | 80 - 85 |
| - Dust Collection System | 86 - 90 |

TYROLIT



FLOOR GRINDING

DIAMOND GRINDING PLUGS & PLATES

The TYROLIT diamond grinding plugs & plates are designed to be used on both petrol or electric floor grinders, Crete mowers and other similar machines currently on the market. With a high stock removal rate and a long service life these tools have been created to increase productivity and durability.

STANDARD ★★ GRINDING PLATES



Part No	Dimensions	Application Type	List Price (each)
20037405	250mm x 10 Segments	Epoxy/Hard Concrete - Fast grinding 10 Segments recommended for electric floor grinders	\$440.00
20037406	250mm x 20 Segments	Medium/Soft Concrete - GP Long Life 20 Segments designed for petrol floor grinders	\$440.00



Part No	Dimensions	Application Type	List Price (each)
20037408	300mm x 10 Segments	Epoxy/Hard Concrete - Fast grinding 10 Segments recommended for electric floor grinders	\$550.00
20037409	300mm x 20 Segments	Medium/Soft Concrete - GP Long Life 20 Segments designed for petrol floor grinders	\$550.00



Part No	Dimensions	Application Type	List Price (each)
34289421	4 Segments	10 x 10 x 40 - General Purpose	\$121.00

PREMIUM ★★★ GRINDING PLUGS



Part No	Dimensions	Specifications	List Price (each)
34571968	74mm	3 Seg Plug - 20#	\$90.00
34582874	74mm	3 Seg Plug - 25/40#	\$90.00



FLOOREX SATELLITE GRINDING CUPS

Suitable for Floorex satellite machines, large dust ports for dry grinding, designed for many applications.



PREMIUM ★★★

DGU ★★★ DOUBLE ROW

Application: Concrete, natural stone and universal building materials.

Details: Double row segments for medium removal and long life.

Part No	Specifications	Dimensions	Segment No.	List Price (each)
597908	DGU***	180 x 25 x 22.23	24	\$154.00



PREMIUM ★★★

DGU ★★★ SPIRAL

Application: Concrete, natural stone and universal building materials.

Details: Spiral row segments arranged for smooth grinding, fast dust removal and shaping corners and edges.

Part No	Specifications	Dimensions	Segment No.	List Price (each)
598056	DGU***	180 x 25 x 22.23	12	\$132.00



PREMIUM ★★★

DGE ★★★ EPOXY

Application: Concrete, universal building materials, glues & epoxy.

Details: Specifically designed for the removal of paint, epoxy resin, glue and adhesives.

Part No	Specifications	Dimensions	Segment No.	List Price (each)
602248	DGE***	180 x 25 x 22.23	6	\$121.00



STANDARD★★

DGU ★★SPIRAL

Application: Concrete, natural stone and universal building materials.

Details: Spiral row segments arranged for smooth grinding, fast dust removal and shaping corners and edges.

Part No	Specifications	Dimensions	Segment No.	List Price (each)
494391	DGU**	180 x 25 x 22.23	12	\$100.00





FLOOR GRINDING

250mm (10") METEOR CUP WHEELS

Diamond segment floor grinding cup wheels to suit Floorex Meteor machines. Aggressive concrete and coatings removal. Available in various grits and bonds

PREMIUM ★★★

250MM (10") METEOR CUP WHEELS



Part No	Dimensions	Application Type	List Price (each)
20084094	250mm x 18 Segments	Medium Bond 40# GP Disc	\$275.00



Part No	Dimensions	Application Type	List Price (each)
20084166	250mm x 9 Segments	Medium Bond 40# GP Disc	\$231.00



Part No	Dimensions	Application Type	List Price (each)
20084167	250mm x 10 Segments	Medium Bond 25# GP Disc	\$209.00

FLOOR GRINDING

FLOOREX METEOR GRINDER ADAPTOR PLATE

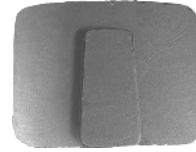


Part No	Dimensions	Application Type	List Price (each)
20084043	250mm	250mm Meteor Adaptor Plate. Suitable for Redi-Lock/ T-LOC Systems)	\$132.00



FLOOR GRINDING TOOLS

T-Loc shoes fit all brands of grinding machines -10mm segment height.
Suits: Husqvarna machines.



STANDARD ★★

T-LOC SHOES

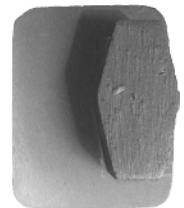
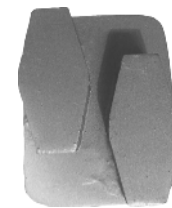
Application: For removing coating such as epoxy, adhesives, lacquers and paint.

Part No	Specifications	Dimensions	Shoe Type	List Price (each)
20041199	T-LOC LILAC	General Purpose 6/16 #	SS	\$29.70
20041224	T-LOC LILAC	General Purpose 6/16 #	DS	\$39.60



Application: For rough grinding applications such as levelling or preparation to apply a new floor covering.

Part No	Specifications	Dimensions	Shoe Type	List Price (each)
20041220	T-LOC SILVER	General Purpose 16/25 #	SS	\$29.70
20041225	T-LOC SILVER	General Purpose 16/25 #	DS	\$39.60



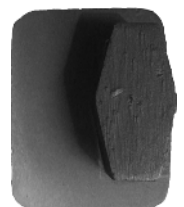
Application: For medium fine grinding applications.

Part No	Specifications	Dimensions	Shoe Type	List Price (each)
20041221	T-LOC GOLD	General Purpose 25/40 #	SS	\$29.70
20041226	T-LOC GOLD	General Purpose 25/40 #	DS	\$39.60



Application: For fine grinding applications.

Part No	Specifications	Dimensions	Shoe Type	List Price (each)
20041222	T-LOC GREY	General Purpose 40/60 #	SS	\$29.70
20041227	T-LOC GREY	General Purpose 40/60 #	DS	\$39.60



FLOOR
GRINDING

SS	Single Segment shoe
DS	Double Segment shoe



FLOOR GRINDING TOOLS

Complete system solutions for grinding concrete floors and removing coatings. Tools can be used universally on all floor grinders. The patented quick tool fixing system EZ change allows for fast tool changers resulting in flexible and efficient grinding process. - **Designed for HTC Floor Grinding Machines.**

STANDARD★★

GL SUPERPREP EZ CHANGE SHOES

Application: Contains a mix of crushed PCD and diamonds to give a high cutting rate. This tool is great for various floor preparation tasks such as the removal of coatings, asbestos, glue or any similar residue.



Part No	Specifications	Description	Shoe Type	List Price (each)
20046708	GL 0 SC LILAC	Soft Concrete 6/16 #	DS	\$44.00

GL SUPERPREP EZ CHANGE SHOES

Application: Contains a mix of crushed PCD and diamonds to give a high cutting rate. This tool is great for various floor preparation tasks such as the removal of coatings, asbestos, glue or any similar residue.



Part No	Specifications	Description	Shoe Type	List Price (each)
20046709	GL 0 HC LILAC	Hard Concrete 6/16 #	DS	\$44.00

GL SUPERPREP EZ CHANGE SHOES

Application: Contains a mix of crushed PCD and diamonds to give a high cutting rate. This tool is great for various floor preparation tasks such as the removal of coatings, asbestos, glue or any similar residue.



Part No	Specifications	Description	Shoe Type	List Price (each)
20046790	GL 1 SILVER	General Purpose 16/25 #	DS	\$44.00

GL SUPERPREP EZ CHANGE SHOES

Application: Contains a mix of crushed PCD and diamonds to give a high cutting rate. This tool is great for various floor preparation tasks such as the removal of coatings, asbestos, glue or any similar residue.



Part No	Specifications	Description	Shoe Type	List Price (each)
20046791	GL 2 GOLD	General Purpose 25/40 #	DS	\$44.00



CONCRETE GRINDER

CC113H

SINGLE HEAD FLOOR GRINDER



Details:

- Single head for fast aggressive grinding.
- 13 HP Honda petrol engine.
- Wet or dry attachments.
- Remote throttle.
- Adjustable wheel location for added grinding strength.
- 8 Litre petrol tank.
- Single greasing point.
- Lifting handles / transport hook.

Technical Data

Drive	
Motor	10.2HP
Motor	Honda GXV390 Petrol
Head Capacity	254 / 305 ^{mm}
Dust port size	51 ^{mm}
Frame Material	Steel

Dimensions & Weight	
Remote throttle.	
Single grease point.	
Adjustable handles.	
Lifting handles.	
Adjustable wheel locations.	

Dimensions & Weight	
Length	132 ^{mm}
Width	502 ^{mm}
Height	1010 ^{mm}
Weight	145kg

Part No	Model	Description	List Price Each
10988353	CC113H	13hp Honda Floor Grinder	\$5500.00



FLOOR GRINDING

FGE280

280^{mm} GRINDING WIDTH, 2.2kW FLOOR GRINDER



Technical Data

Machine	
Max. Grinding width	280 ^{mm}
Grinding disc width	1 x 280 ^{mm}
Grinding disc speed	1410rpm
Tooling	6 x T-Loc shoes

Drive	
Drive / Motor	Electric
Type	Single Phase
Power	2.2kW
Voltage / Frequency	230V / 50 Hz
Current	13 amps

Dimensions & Weight	
Length	1100 ^{mm}
Width	420 ^{mm}
Height	710 ^{mm}
Weight	76kg

Part No	Model	Description	List Price (each)
11000008	FGE280	280 ^{mm} Grinder	\$3400.00

Details:

- Compact design and easy handling.
- The single grinding head increases productivity and grinding performance.
- A quick tool change system, detachable motor and additional carrying handles ensure rapid set-up and easy transportation.
- For edge-grinding, the dust cover can partially be removed.
- The height-adjustable and foldable handle enables fatigue-free work.
- Good for smaller surfaces where concrete, for example needs to be evened out or where a coating must be removed (paint, putty, glue, epoxy etc).

**FGE400**400^{mm} GRINDING WIDTH, 4kW FLOOR GRINDER

Technical Data

Machine	
Max. Grinding width	400 ^{mm}
Grinding disc width	1 X 400 ^{mm}
Grinding disc speed	1440rpm
Tooling	8 x T-Loc shoes

Drive	
Drive / Motor	Electric
Type	3 Phase
Power	4kW
Voltage / Frequency	400V / 50-60Hz
Current	8.8 amps

Dimensions & Weight	
Length	1200 ^{mm}
Width	420 ^{mm}
Height	760 ^{mm}
Weight	89kg

Part No	Model	Description	List Price (each)
11000010	FGE400	400 ^{mm} Grinder	\$4680.00

Details:

- Compact design and easy handling.
- The single grinding head in combination with the powerful 4 kW motor on 400 V 3-phase power supply increases productivity and grinding performance.
- A quick tool change system, a detachable motor and additional carrying handles ensure rapid set-up and easy transportation.
- The height adjustable and foldable handle enables fatigue-free work.



FLOOR GRINDING

HTC 450

450^{mm} GRINDING WIDTH, 2.2kW FLOOR GRINDER



Technical Data

Machine	
Max. Grinding width	450 ^{mm}
Grinding disc width	3 x 180 ^{mm}
Grinding disc speed	705rpm
Grinding pressure	59kg

Drive	
Drive / Motor	Electric
Power	2.2kW
Voltage / Frequency	230V / 50Hz
Current	13A

Dimensions & Weight	
Length	1440 ^{mm}
Width	480 ^{mm}
Height	990 ^{mm}
Weight	109kg
Weight grinding head	59kg

Part No	Model	Description	List Price (each)
20080707	HTC450	450 ^{mm} Grinder	\$8,850.00

Details:

- Planetary grinder with three counter-rotating grinding heads.
- Versatile grinder suitable for many different applications.
- Can be used for everything from stripping floors to grinding concrete, natural stone and wood.
- The motor and chassis can be easily separated.
- The chassis is collapsible for easy handling and transport.
- Digital time counter.



HTC 510

515^{mm} GRINDING WIDTH, 2.2kW SINGLE PHASE FLOOR GRINDER



Technical Data

Machine	
Max. Grinding width	515 ^{mm}
Grinding disc width	3 x 230 ^{mm}
Grinding disc speed	542 rpm
Grinding pressure	69 kg

Drive	
Drive / Motor	2.2 kW
Power	13A
Voltage / Frequency	230 V / 50 Hz

Dimensions & Weight	
Weight	120 kg
Weight grinding head	66 kg

Details:

- Planetray grinder with a three counter-rotating heads
- Versatile grinder suitable for many different applications.
- Can be used for everything from stripping floors to grinding concrete, natural stone and wood.
- The motor and chassis can be easily separated.
- The chassis is collapsible for easy handling and transport.
- Digital time counter.

Part No	Model	Description	List Price (each)
20081431	HTC510	515 ^{mm} Grinder	\$9,900.00

FLOOR
GRINDING



FLOOR GRINDING

HTC 510

515^{mm} GRINDING WIDTH, 4kW 3 - PHASE FLOOR GRINDER



Technical Data

Machine	
Max. Grinding width	515 ^{mm}
Grinding disc width	3 x 230 ^{mm}
Grinding disc speed	558 rpm
Grinding pressure	79kg

Drive	
Drive / Motor	4.0 kW
Power	9A
Voltage / Frequency	400V / 50 Hz

Dimensions & Weight	
Weight	133 kg
Weight grinding head	80 kg

Details:

- Planetray grinder with a three counter-rotating heads
- Versatile grinder suitable for many different applications.
- Can be used for everything from stripping floors to grinding concrete, natural stone and wood.
- The motor and chassis can be easily separated.
- The chassis is collapsible for easy handling and transport.
- Digital time counter.

Part No	Model	Description	List Price (each)
20081432	HTC510	515 ^{mm} Grinder	\$11,100.00

**VCE1200**

SINGLE - PHASE, POWER 1.2kW



Technical Data

Machine	
Voltage/Frequency	230 v / 50 Hz
Power	1.2kW
Amps	5A
Max. Theoretical air flow	200m ³ /h
Application	Dry
Hose	38 mm

Dimensions & Weight	
Length	426 ^{mm}
Width	704 ^{mm}
Height	1115 ^{mm}
Weight	36kg

Part No	Model	Description	List Price (each)
11001200	VCE1200	Single Phase Vacuum	\$1842.00

Details:

- Dust collection H-Class certified.
- Equipped with a cyclone system and conical pre-filter.
- Equipped with the HEPA H13 filter.
- Features low noise level
- Equipped with Longopac® system for safe dust handling.
- Non-marking 10-inch wheels, which are construction site proof.

Part No	Description	List Price (each)
20036249	Longopac (Pack of 4)	\$176.00





FLOOR GRINDING

VCE2400

SINGLE - PHASE, POWER 2.4kW



Technical Data

Machine	
Voltage/Frequency	230 v / 50 Hz
Power	2.4kW
Amps	10A
Max. Theoretical air flow	400m³/h
Application	Dry

Dimensions & Weight	
Length	544 ^{mm}
Width	729 ^{mm}
Height	1318 ^{mm}
Weight	59kg

Part No	Model	Description	List Price (each)
11002300	VCE2400	Single Phase Vacuum	\$3064.00

Details:

- Dust collection H-Class certified.
- Equipped with a cyclone system and conical pre-filter.
- Equipped with the HEPA H13 filter.
- Features low noise level
- Equipped with Longopac® system for safe dust handling.
- Non-marking 10-inch wheels, which are construction site proof.

Part No	Description	List Price (each)
20036249	Longopac (Pack of 4)	\$176.00



FLOOR GRINDING





VCE3600

SINGLE - PHASE, POWER 3.6kW



Technical Data

Machine	
Voltage/Frequency	230 v / 50Hz
Power	3.6 kW
Amps	15A
Max. Theoretical air flow	600m³/h
Application	Dry

Dimensions & Weight	
Length	544mm
Width	860mm
Height	1459mm
Weight	78kg

Part No	Model	Description	List Price (each)
11003600	VCE3600	Single Phase Vacuum	\$4682.00

Details:

- Dust collection H-Class certified.
- Equipped with a cyclone system and conical pre-filter.
- Equipped with the HEPA H13 filter.
- Features low noise level
- Equipped with Longopac® system for safe dust handling.
- Non-marking 10-inch wheels, which are construction site proof.

Part No	Description	List Price (each)
20036249	Longopac (Pack of 4)	\$176.00





FLOOR GRINDING

DUST EXTRACTION SYSTEM PS30



Technical Data

Dimensions & Weight	
Length	590 ^{mm}
Width	730 ^{mm}
Height	1580 ^{mm}
Weight	22kg

Part No	Model	Description	List Price (each)
20080721	PS30	Pre-separator	\$1,890.24

FLOOR
GRINDING

Details:

- Robust pre-separator.
- Separates the larger particles that can occur during floor stripping.
- Large flakes, metal fragments, screws separated by the HTC PS30 before they reach the dust extractor.
- Increases the dust extractor's total capacity.
- Significantly extends filter service life.
- Equipped with Longopac® system for safe dust handling.

Part No	Description	List Price (each)
20036249	Longopac (Pack of 4)	\$176.00





DUST COLLECTION SYSTEM

DUST & WATER COLLECTION SYSTEM

VCE2000 ★★

Dust & water Vacuum



Technical Data

Machine	
Voltage/Frequency	230 v / 50 Hz
Power	2 x 1 kW
Amps	10A
Weight	35kg

Part No	Model	Description	List Price (each)
10983921	VCE2000**	Wet & Dry Vac	\$1089.00

Details:

- Robust undercarriage.
- Stainless steel body container.
- Flexible hose with adapter for larger attachments.
- Waste liquid capacity 80L.





STONE & TILE PRODUCTS

- Blades
- Polishing
- Grinding Wheel
- Core Drill Bits

93 - 94
95 -96
97
98

TYROLIT



DRY CUTTING SAW BLADES - ANGLE GRINDER



PREMIUM ★★★
DCH ★★★ -FC SUPER THIN

Application: Granite, slate, hard stone, tiles etc.
Details: Extremely high stock removal rate due to a super thin segment width.



Part No	Specifications	Dimensions	Segment Height	List Price (each)
475790	DCH***- FC	115 x 1.2 x 22.23	7	\$55.00
475793	DCH***- FC	125 x 1.2 x 22.23	7	\$65.00
475797	DCH***- FC	180 x 1.9 x 22.23	9	\$120.00
475800	DCH***- FC	230 x 1.9 x 22.23	9	\$140.00



PREMIUM ★★★
DCH ★★★

Application: Granite, slate, hard stone, bluestone, hard clay bricks & pavers, etc.



Part No	Specifications	Dimensions	Segment Height	List Price (each)
34475856	DCH***	125 x 2.2 x 22.23	10	\$70.00



PREMIUM ★★★
125^{mm} UNIVERSAL TURBO BLADES

Application: Marble, Granite, Hard Material
Details: Internal Cutting



Part No	Specifications	Blade	Key Account (each)
628808	125 ^{mm} Universal Turbo (M14) Blade	Turbo	\$65.00



TABLE SAW BLADES



PREMIUM ★★★
EH-T ★★★ SILENT

Application: Hard clay brick, granite, clay pavers, bluestone, etc.
Details: Noise reducing steel core for wet cutting.

Part No	Specifications	Dimensions	Segment Height	List Price (each)
34075368	EH-T***-S	350 x 2.8 x 25.4	10	\$320.00
34240800	EH-T***-S	400 x 3.2 x 25.4	10	\$440.00



PREMIUM ★★★
EH-T ★★★

Application: Hard clay brick, granite, clay pavers, bluestone, etc.
Details: Wet cutting.

Part No	Specifications	Dimensions	Segment Height	List Price (each)
384785	EH-T***	350 x 2.8 x 25.4	10	\$280.00



PREMIUM ★★★
GD SILENT GRANITE BLADE

Application: Granite.
Details: Fast cutting blade, sound reduced blade, wet cutting. (60mm / 50mm Bore).

Part No	Specifications	Dimensions	Segment Height	List Price (each)
306931	GD SILENT	300 x 40 x 2.8 x 10 x 60/50	10	\$280.00
166669	GD SILENT	350 x 40 x 2.8 x 15 x 60/50	15	\$360.00
174366	GD SILENT	400 x 40 x 3.2 x 15 x 60/50	15	\$380.00
192677	GD SILENT	450 x 40 x 3.6 x 15 x 60/50	15	\$420.00
495785	GD SILENT	500 x 40 x 3.6 x 15 x 60/50	15	\$550.00



STONE & TILE
PRODUCTS

* Needs to be bushed to 25.4mm for Bench saws.



POLISHING DISC - ANGLE GRINDER



PREMIUM ★★★

DPD ★★★ DRY POLISHING

Application: Granite, engineered stone, ceramic tile, concrete & glass.

Details: Suitable for use on variable speed polisher.



Part No	Diameter	Grit Size	Application Type	List Price (each)
20037923	100mm	50#	Dry Polishing	\$38.50
20037924	100mm	100#	Dry Polishing	\$38.50
20036731	100mm	200#	Dry Polishing	\$38.50
20037925	100mm	400#	Dry Polishing	\$38.50
20037926	100mm	800#	Dry Polishing	\$38.50
20036732	100mm	1500#	Dry Polishing	\$38.50
20036733	100mm	3000#	Dry Polishing	\$38.50



PREMIUM ★★★

DPW ★★★ WET POLISHING

Application: Granite, ceramic tiles glass.

Details: Suitable for use on variable speed wet polisher.



Part No	Diameter	Grit Size	Application Type	List Price (each)
20036707	100mm	50#	Wet Polishing	\$24.20
20036709	100mm	100#	Wet Polishing	\$24.20
20036711	100mm	200#	Wet Polishing	\$24.20
20036713	100mm	400#	Wet Polishing	\$24.20
20036715	100mm	800#	Wet Polishing	\$24.20
20036717	100mm	1500#	Wet Polishing	\$24.20
20036719	100mm	3000#	Wet Polishing	\$24.20
20036721	125mm	50#	Wet Polishing	\$42.90
20036722	125mm	100#	Wet Polishing	\$42.90
20036723	125mm	200#	Wet Polishing	\$42.90
20036724	125mm	400#	Wet Polishing	\$42.90
20036725	125mm	800#	Wet Polishing	\$42.90
20036726	125mm	1500#	Wet Polishing	\$42.90
20036727	125mm	3000#	Wet Polishing	\$42.90



125^{mm} PRO CONCRETE PAD

Application: Dry Polishing, Concrete, Slate, Hard stone, Tiles etc.

Part No	Description	Specifications	List Price (each)
20036817	125 ^{mm} Pro Concrete Pad 50#	50#	\$28.50
20036818	125 ^{mm} Pro Concrete Pad 120#	120#	\$28.50
20036819	125 ^{mm} Pro Concrete Pad 200#	200#	\$28.50
20035309	125 ^{mm} Pro Concrete Pad 400#	400#	\$28.50
20036820	125 ^{mm} Pro Concrete Pad 800#	800#	\$28.50
20036821	125 ^{mm} Pro Concrete Pad 1500#	1500#	\$28.50
20036822	125 ^{mm} Pro Concrete Pad 3000#	3000#	\$28.50



POLISHING DISC - ANGLE GRINDER

PREMIUM ★★★

DPD ★★★ BACKING PADS

Application: Quality Velcro backing pads for use with polishing pads.

Part No	Diameter	Thread	Application Type	List Price (each)
20037054	100mm	M14	Magic Pads	\$35.20



DIAMOND HANDPADS

PREMIUM ★★★

DPP ★★★ WET POLISHING

Application: Granite, Engineered Stone, Ceramic Tiles, Concrete & Glass.

Details: Wet polishing.

Part No	Grit Size	Application Type	List Price (each)
20035498	70#	HAND PAD	\$49.90
20035499	120#	HAND PAD	\$49.90
20035500	220#	HAND PAD	\$46.40
20035501	400#	HAND PAD	\$46.40
20035503	600#M	HAND PAD	\$33.00
20035502	600#R	HAND PAD	\$29.00
20035504	800#	HAND PAD	\$29.00
20035505	1800#	HAND PAD	\$29.00
20035506	3500#	HAND PAD	\$29.00
20035507	-	SET OF 8	\$223.00



STONE & TILE
PRODUCTS



M14 ALUMINIUM BACKING PLATES

Application: Quality Velcro backing pads for use with polishing pads.



Part No	Description	Specifications	List Price (each)
20080278	100 ^{mm} (4") M14 Backing Pad	4"	\$44.00
20080279	125 ^{mm} (4") M14 Backing Pad	5"	\$55.00
20080370	180 ^{mm} (4") M14 Backing Pad	7"	\$66.00

DIAMOND GRINDING WHEEL - ANGLE GRINDER



PREMIUM ★★★

RED BA SNAIL FITTING

Application: Concrete, Granite.

Details: Silicon Carbide grinding wheel for dry use, Sebald, Italian Made.



Part No	Diameter	Grit Size	Application Type	List Price (each)
20037188	100mm	24/36	Dry Grinding	\$17.60
20037189	100mm	60	Dry Grinding	\$17.60
20037190	100mm	120	Dry Grinding	\$17.60
20037191	100mm	220	Dry Grinding	\$17.60
20037192	100mm	360	Dry Grinding	\$23.10
20037200	130mm	24/36	Dry Grinding	\$27.50
20037202	130mm	60	Dry Grinding	\$27.50
20037203	130mm	120	Dry Grinding	\$27.50
20037204	130mm	220	Dry Grinding	\$27.50

ADAPTORS



Part No	Diameter	Thread Type	Application Type	List Price (each)
20037075	100mm	M14	Sebald adaptor	\$78.00
20037078	130mm	M14	Sebald adaptor	\$110.00



CORE DRILL BITS

PREMIUM ★★★
CD-STONE


Application: Granite, Marble & Hard Tiles.
Details: Machines up to 3kW.

Part No	Specifications	Dimensions	List Price (each)
20054297	CDS	6 x 50 x 1/2"	\$55.00
20048510	CDS	8 x 50 x 1/2"	\$55.00
20054298	CDS	10 x 50 x 1/2"	\$55.00
20055396	CDS	13 x 50 x 1/2"	\$55.00
20035115	CDS	16 x 50 x 1/2"	\$55.00
20035141	CDS	20 x 50 x 1/2"	\$55.00
20035142	CDS	25 x 50 x 1/2"	\$77.00
20035143	CDS	30 x 50 x 1/2"	\$88.00
20035144	CDS	35 x 50 x 1/2"	\$99.00
20035145	CDS	40 x 50 x 1/2"	\$110.00
20035074	CDS	50 x 50 x 1/2"	\$121.00
20035075	CDS	62 x 50 x 1/2"	\$143.00
20035076	CDS	82 x 50 x 1/2"	\$154.00
20035077	CDS	100 x 50 x 1/2"	\$165.00



Part No	Specifications	List Price (each)
20037068	P12.7Water Swivel	\$88.00
20037069	1/2" Gaz Water Swivel	\$198.00
20037067	1 1/4" Heavy Duty Water Swivel	\$270.00





TYROLIT = SAFETY

- Our Aim was, and is, to make our products even safer for our users:
Through our work as a founding member of the “ Organisation for the Safety of Abrasives (oSa).”
- Through close co-operation with the safety authorities.
- Through practical communication with our users all over the world.

For safe working with grinding tools, it is necessary that:

- Machine manufacturer;
- Abrasive manufacturer and
- Operator

Contribute their part in equal measure. TYROLIT guarantees that all tools meet the requirements of the oSa and the European standards. The CE marking of our machines guarantees the complete compliance with the applicable EU safety requirements.

TYROLIT strongly recommends not to use grinding tools, which do not have the symbols oSa, EN13236 (diamond tools), EN12413 (Cutting and grinding wheels) or EN13743 (flap discs).



SAFETY PICTOGRAMS



Pay attention to the safety recommendations



Use dust mask



Use eye protection



Use ear protection



Use gloves



Do not use damaged wheels



Personal safety



Not permitted for side grinding



Dry grinding



Wet grinding



No freehand working



SAFETY INFORMATION

Assembly / Repair

- Diamond tools must be visually inspected for cracks or other possible damage before mounting.
DON'T USE DAMAGED DIAMOND TOOLS!
- The dimension of the diamond tool must correspond to the information on the machine and should not exceed that information.
- Make sure that the maximum operating speed (RPM) of the tool is not exceeded.
- Please note when mounting, that the arrow on the diamond tool corresponds with the direction of rotation of the machine.
- Make sure the bore of the diamond tool fits the machine spindle properly - the bore must not be manipulated.
- Make sure that the machine spindle is clean and intact. An out of round condition will cause damage to the blade and the saw.
- Flanges should be clean, flat, of equal size and of the proper type for the diamond tool, Don't use damaged flanges.
- That diamond tool must be properly mounted, rotate freely and the flanges must be tightened properly.
- **NEVER FORCE A WHEEL ONTO THE MACHINE!**
- Only use machines with suitable blade guards.
- Disconnect the machine from its power supply before mounting or removing a diamond tool.
- Have your machine repaired solely by qualified personnel using original spare parts.

Application

- Avoid unintentional starting of the machine. Make sure that the machine is switched off before connecting to power supply.
- Secure the work piece to prevent accidental slipping.
- Support plates or large work pieces in order to reduce the risk of wheel pinching and kickback. Large work pieces tend to sag under their own weight.
- Always wear personal safety equipment and eye protection. Wearing personal safety equipment, such as gloves, non-slip safety shoes, helmet and ear protection, always depending on nature and purpose of the tool, may reduce the risk of injury.
- Ensure adequate ventilation and protective measures that correspond to the material to be machined when working with cutting and rough grinding wheels.
- Maintain a firm grip on the machine and keep balance at all times. Bring your body into a position where you can intercept kickback forces.
- Do not position your head in line with the rotating wheel. Do not position your body in the area in which the machine will move in case of a kickback.
- If the cutting wheel gets jammed or when interrupting a cut for any reason, turn off the machine and hold the machine motionless until the wheel comes to a complete stop. Never attempt to remove the wheel from the cut while the wheel is in motion otherwise kickback may occur.
- Do not restart the cutting operation in the work piece. Let the wheel reach full speed before you re-enter the cut.
- After turning off the machine, allow the wheel to come to rest naturally. Never use an "artificial" brake such as soil, wood pallets or shoes and never lay the machine down before the wheel has come to rest. The rotating wheel may grab the surface.

RECOMMENDED RPM

D in mm	Revolutions per minute [RPM] depending on the external tool diameter [D] and the operating speed [V _s]						
	Recommended operating speed V _s in m/s						
	Drilling		Sawing			Dry-cutting	
	2	3	40	50	60	80	100
14	2.730	4.080					
16	2.380	3.580					
20	1.910	2.860					
25	1.580	2.290					
32	1.190	1.790					
42	910	1.360					
52	730	1.100					
62	620	920					
72	530	800					
82	470	700					
100	380	570	7.640	8.550	11.460	15.280	19.100
115	330	500	6.640	8.300	9.960	13.290	16.610
125	310	460	6.110	7.640	9.170	12.220	15.280
150	250	380	5.090	6.370	7.640	10.190	12.730
180	210	320	4.240	5.310	6.370	8.490	10.610
200	190	290	3.820	4.770	5.730	7.640	9.550
230	170	250	3.320	4.150	4.980	6.640	8.300
250	150	230	3.060	3.820	4.580	6.110	7.640
300	130	190	2.550	3.180	3.820	5.090	6.370
350	110	160	2.180	2.730	3.270	4.370	5.460
400	100	140	1.910	2.390	2.860	3.820	4.770
450	80	130	1.700	2.120	2.550	3.400	4.240
500	80	110	1.530	1.910	2.290		
600	60	100	1.270	1.590	1.910		
700	50	80	1.090	1.360	1.640		
800	50	70	950	1.190	1.430		
900	40	60	850	1.060	1.270		
1000	40	60	760	950	1.150		
1200	30	50	640	800	950		

WET CORE DRILL TROUBLE-SHOOTING

1. Excessive wear of diamond segments

Possible causes and solutions:

- Insufficient coolant supply. Adjust the water supply and/or check the water lines.
- The operating speed of the core drill is too low. Increase the RPM (see RPM recommendations).
- The engine power is too high. Match the motor power to the drilling diameter.
- The machine is vibrating. Fix the drill rig and/ or check the general state of the machine (e.g. bearings and rollers).
- The selected core drill may not be suitable for the material being drilled, or the material is too abrasive. Use a harder specification (e.g. CDL > CDM).

2. Excessive wear of the steel tube

Possible causes and solutions:

- The machine is vibrating. Fix the drill rig and/ or check the general state of the machine (e.g. bearings and rollers) .
- The core drill is warped / is not running true.
- The core drill is not fixed properly. Check if the core drill is aligned with the motor spindle.
- There are remains in the hole, which have not been removed by the coolant. Increase the coolant supply temporarily.
- You are drilling in loose material (e.g. gravel).

3. Broken segments

Possible causes and solutions:

- In case of brazed segments, a short interruption of the cooling can lead to overheating and thus to a destruction of the soldered joint.
- The core drill has struck multiple times against reinforcements or fragments. Remove all loose steel and segment parts before introducing a new core drill.
- The core drill is cutting into loose reinforcement. Reduce the RPM when drilling reinforcements in order to avoid damage to the core drill.

4. Drill bit does not drill – segments are overloaded

Flat segment surface, possible deformation of the segments, high number of pull-outs (> 50%), drill chatters.

Possible causes and solutions:

- The operating speed is too low. Increase the RPM.
- The grinding pressure is too high. Reduce the pressure.
- The material may be too soft and abrasive for the used specification. Use a harder specification (e.g. CDL > CDM).

5. Drill bit does not drill – segments are under challenged

Smooth segment surface, polished diamonds (shining, no sharp edges)

Possible causes and solutions:

- The diamond segments are smooth (polished).
- Re-sharpen the drill bit by drilling into soft, abrasive material or use a TYROLIT sharpening plate.
- The operating speed is too high. Reduce the RPM.
- The grinding pressure is too low. Increase the pressure.
- The engine power is too low. Match the motor power to the drilling diameter.
- Excessive coolant supply, only clear water is coming out of the drill hole (no slurry). Reduce the coolant supply and check the consistency (should be milky/ cloudy).
- The material may be too hard for the used specification. Use a softer specification (e.g. CDL > CDM).

6. The core drill is jammed

Possible causes and solutions:

- Debris is blocked between the core and the tube wall (steel, pieces of material). Remove the drill rig and, using a screw-wrench, turn the core drill alternately in both directions until it can be removed. Take the debris out of the drill hole before introducing a new core drill.
- The drill rig was not fixed correctly and has moved during drilling. Drill rig and core drill are no longer aligned. Align and re-fix the drill rig.



DIAMOND SAW BLADE TROUBLE-SHOOTING

1. Excessive wear

Possible causes and solutions:

- The saw blade is not suitable for the material being cut. Use a harder specification.
- Insufficient water supply. Adjust the water supply and/or check the water lines.
- The blade is chattering, which accelerates the wearing. The reasons could be poor bearings, a worn spindle shaft or the use of a too hard specification for the material being cut. Check the state of the machine or use a softer specification.
- The operating speed (RPM) is too low. Use the correct RPM for the diameter of the blade (see RPM recommendations).

2. Undercutting

Possible causes and solutions:

Undercutting is a condition in which the steel centre wears faster than the diamond segment, especially in the areas where the segment and core are joined. This is caused by highly abrasive material grinding against the blade during the sawing operation. Finally this can lead to segment loss.

- Be sure to have sufficient water supply. Only with sufficient water the abrasive grinding mud will be transported out of the contact zone and will thus reduce the undercutting effect.
- Do not cut into the base layer of the pavement (gravel or sand)

Caution! For safety reasons, do not use the saw blade any longer!

3. The blade does not cut

Possible causes and solutions:

- The saw blade is too hard for the material being cut. Check if the specification is appropriate. A glazed blade can be sharpened by cutting into soft, abrasive material.
- The output power of the machine is insufficient to permit the blade to cut properly. Make sure that the specification is appropriate for the machine power and the material being cut. Repeatedly check the tension of the V-belt in order to guarantee an optimal transmission of power.

- The operating speed (RPM) is too high. Use the correct RPM for the diameter of the blade (see RPM recommendations). If the RPM cannot be reduced, complete the job by cutting in multi-passes.
- The blade is not properly mounted. Check that the arrow on the diamond blade points into the same direction as shaft rotation

4. Overheating

Possible causes and solutions:

Overheating may lead to several problems like loss of core tension, cracks in the steel core and segment loss (in case of brazed segments). Overheating can be identified by a discolouration (blue and/or black oxidation) of the blade or the segments.

- Make sure that wet-cutting saws have a sufficient water supply. Check the water lines and make sure flow is adequate on both sides of blade.
- An excessive cutting pressure leads to overheating of dry-cutting tools. Use several passes of 2 to 5 cm deep for cutting solid materials. On a regular basis, release the pressure on the diamond blade and allow it to rotate freely for cooling in the air.
- Do not use excessive pressure – the weight of the machine is sufficient.

5. Loss of blade segment

Possible causes and solutions:

- The machine was not held firmly or the material was not fixed, which caused the blade to twist or jam in the cut. Secure the material firmly while cutting and maintain a firm grip on the machine.
- The blade is too hard for the material being cut which causes the blade to chatter. Use a softer specification.
- The blade has been undercut. Make sure that there is sufficient water supply and do not cut into the base layer of the pavement (gravel).
- In case of brazed segments, a short interruption of the cooling can lead to overheating and thus to a destruction of the soldered joint.
- The saw has not been mounted correctly and starts to chatter.

Caution! For safety reasons, do not use the saw blade any longer!



6. Cracks in the segment

Possible causes and solutions:

- The saw blade is too hard for the material being cut; the saw blade starts to chatter during cutting. Use a softer specification.
- Insufficient cooling supply (overheating). Adjust the water supply and/or check the water lines.

7. Cracks in the steel core

Possible causes and solutions:

- The saw blade is too hard for the material being cut. Use a softer specification.
- Excessive cutting pressure. Extreme strain on the blade can create material fatigue, which can then lead to a fracture in the steel core.
- The saw blade is chattering. Check the state of the machine (e.g. spindle and bearings) and the mounting of the saw blade.
- The cut is not straight which results in friction and heat. Properly align the machine and do not exert excessive side pressure on the handles as a method of steering. Check the alignment of the drive shaft.

Caution! For safety reasons, do not use the saw blade any longer!

8. Uneven segment wear

Possible causes and solutions:

- Make sure that wet-cutting saws have a sufficient water supply. Check the water lines and make sure flow is adequate on both sides of blade.
- The saw blade is irregularly worn due to defective bearings, a damaged blade bore or machine spindle. Exchange or repair the bearings and/or spindle. Ensure the engine runs smoothly and does not cause the blade to chatter on a regular cycle basis.
- The cut is not straight which results in friction and heat. Properly align the machine and do not exert excessive side pressure on the handles as a method of steering. Check the alignment of the drive shaft

9. Loss of tension

Possible causes and solutions:

- Blade has been overheated. Make sure that wetcutting saws have sufficient water cooling.
- The saw blade is too hard for this application. The reason for the loss of tension is a high lateral friction.
- Check if the correct RPM has been chosen and if the proper flanges are being used.
- Ensure that the saw blade has been fixed correctly on the spindle. Make sure that drive pins are used for all machines.
- The cut is not straight which results in tension and heat. Properly align the machine and do not exert excessive side pressure on the handles as a method of steering. Check the alignment of the drive shaft.

10. Damaged bore

Possible causes and solutions:

- The flanges or the spindle are worn out. Check the flanges and spindle for wearing and replace the worn parts.
- The saw blade has not been mounted properly. Ensure that the blade is mounted on the proper diameter of spindle. Fix the wheel flanges properly (with a wrench, not by hand). Do not remove the drive pins, because they guarantee an optimal transmission of power.

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