



Product Programme Construction 2023

Machines and Diamond Tools

English | 2023

The Tyrolit Group

Tyrolit is one of the world's leading manufacturers of grinding and dressing tools and is also a system provider for the construction industry.

Since 1919, our innovative tools have been making an important contribution to technological development in numerous industries. Tyrolit offers tailored grinding solutions for a varied range of applications and a comprehensive assortment of standard tools for customers all over the world.

The family-owned company based in Schwaz, Austria, combines the dynamic strengths of the Swarovski Group with over a hundred years of commercial and technological experience.



Tyrolit headquarters in Schwaz (Austria)

Facts & figures



80,000+
products



29
production locations



4,000+
employees worldwide



36
sales locations



500+
international patents

Sales companies in Argentina, Australia, Austria, Belgium, Brazil, Canada, China, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, India, Indonesia, Italy, Netherlands, Norway, Poland, Portugal, Russia, Spain, South Africa, South Korea, Sweden, Switzerland, Thailand, UAE, UK and the US. Sales partners in 65 other countries.

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Your reliable partner for customized solutions

Alongside the standard assortment, Tyrolit also offers machines, tools and project support for special construction projects like the controlled decommissioning of offshore facilities and nuclear power plants, as well as the construction and reconstruction of tunnels.

Tailored products

For special applications in small or large complex projects, the Tyrolit Project Service team delivers ingenious solutions that get our partners to their goals quickly and efficiently.

- + Feasibility studies
- + Planning concepts
- + Principle sketches
- + Customised products for machines & tools
- + Project management
- + Training courses



Learn more about the Tyrolit
Project Services Team



Convincing technologies



TGD®
TECHNOLOGY

Tyrolit diamond tools with TGD® technology feature intelligently distributed diamonds that enable even load distribution, optimised cooling and a constantly high cutting performance. This significantly extends the tool lifetime and the load on the machines is reduced.

Your advantages:

- + Long lifetime
- + High cutting ability
- + Enhanced efficiency



TGD® Segment



Conventional segment

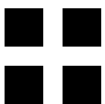


P2®
TECHNOLOGY

P2® – PERMANENT POWER – is a high-frequency technology registered by Tyrolit, which combines the compact design of electrical systems with the reliability and performance of hydraulic systems in a single machine to optimum effect. This innovative drive concept is based on the principle of drive motors with permanent magnets and enables operation at a high torque, with simultaneously reduced motor speeds. The maintenance-friendly layout of the compact devices makes servicing easier and reduces costs.

Your advantages:

- + High reliability
- + Powerful performance
- + Compact design



Modular
TECHNOLOGY

Thanks to the Tyrolit Modular System, individual components can be used for the same area of application and for different applications. This not only makes the work easier and more efficient, it also saves on costs. One part of the Tyrolit Modular System is the ModulDrill™ quick clamping system, for example, which enables our drill motors to be rapidly attached to different Tyrolit drill rigs.

Your advantages:

- + High cost efficiency
- + Efficient working
- + Easy operation



MoveSmart
TECHNOLOGY
powered by ToolSense

With the MoveSmart Technology, Tyrolit machines are connected to the Internet for the very first time. The technology processes real-time user data directly at the construction site and makes it available on various end-user devices. The cloud-based MoveSmart Technology was developed in collaboration with the Austrian start-up ToolSense and provides users and business owners with important machine and usage data, helping them to get the most out of their equipment. Service hours, error reports and pending software updates, for instance, can be recalled anywhere and at any time. This enables better planning, as well as faster and more cost-efficient operation based on real data.

Your advantages:

- + Increased productivity
- + Reduced service times
- + Targeted product development



Core Drilling



Drill Motors - Wet Drilling

★★
STANDARD



DME22SU

Up to Ø 180 mm
2.2 kW
3 gears

★★★
PREMIUM



DME20PW/PU

Up to Ø 180 mm
2.0 kW
3 gears

★★★
PREMIUM



DME33MW

Up to Ø 450 mm
3.3 kW
3 gears

★★★
PREMIUM



DME52UW

Up to Ø 500 mm
5.2 kW
3 gears

Core Drilling Gearboxes and Systems - Wet Drilling

★★★
PREMIUM



DGB1000

Up to Ø 1000 mm
Hydraulic and electric

★★
STANDARD



DRS162

Up to Ø 162 mm
incl. 2.5 kW drill motor

★★
STANDARD



DRS250

Up to Ø 250 mm
incl. 2.5 kW drill motor

Wet Drill Bits

★★★
PREMIUM



CD

PREMIUM TGD®: CDL/CDL-C2/CDM/
CDL-FC/CDL-C5/CDM-C5
TGD®-Technologie from Ø 47 mm
PREMIUM: CD660/CD640/CD840/CDXM/H
roof segments from Ø 45 mm
Ø 10 – 1300 mm

★★
STANDARD

★
BASIC



CD

STANDARD: CDL/CDM
BASIC: B1/B1M
Ø 12 – 1300 mm
Roof segments

★★★
PREMIUM



CDNX

Ø 20 - 252 mm (300 mm on request),
extension rods 500 and 1 000 mm lengths
Deep coring up to 40 m depths



Drill Motors - Dry Drilling

★★★
PREMIUM



DME19DP

Up to Ø 162 mm
1.8 kW
with percussion

★★★
PREMIUM



DME17DP

Up to Ø 200 mm
2.0 kW
with percussion, 2 gears

Drill Hammers



DHE32

Up to Ø 32 mm
Universal drill hammer
SDS-plus
incl. 16 mm drill

Dry Drill Bits

★★★
PREMIUM

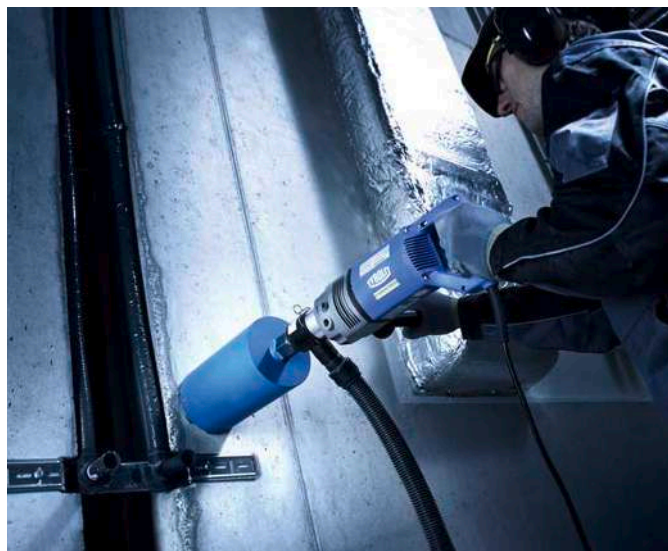
★★
STANDARD

★
BASIC



DDL

PREMIUM TGD®: DDL/DDL-HH/DDL-RM/DDE/
DDL-HH-FC/DDM-HH-FC/DDM-RM/DDH-RM
STANDARD & BASIC: DDL
Ø 32 – 300 mm | DDL-RM from Ø 47 – 350 mm
rig mounted (RM): for reinforced concrete
handheld (HH): for brick materials



Tile-drilling Sets

★★★
PREMIUM



HEX Ø 5-14 | KIT
HEX | M14 Ø20+ |
M14 | XL

Paraffin Tile Drills

★★★
PREMIUM



HEX Ø 5, 6, 8, 10,
12, 14 MM

individual or as a set

Drill Rigs

★★★
PREMIUM



DRA150

Up to Ø 150 mm
Clamping collar 60 mm
Dowel foot

★★★
PREMIUM



DRU160

Up to Ø 160 mm
Clamping collar 60 mm
Dowel | Vacuum

★★★
PREMIUM



DRA/U250

Up to Ø 250 mm
ModulDrill™
Dowel | Vacuum

★★★
PREMIUM



DRU350

Up to Ø 350 mm
360° rotation, ModulDrill™
Telescoping system



★★★
PREMIUM



BY

Up to Ø 350 mm
ModulDrill™
2-column-guiding

★★★
PREMIUM



DRA/U400

Up to Ø 400 mm
ModulDrill™
Dowel | Vacuum

★★★
PREMIUM



DRA500

Up to Ø 500 mm
ModulDrill™
Extendable

★★★
PREMIUM



BC-2

Up to Ø 1000 mm
2-column-guiding
Modularity with wire saw

Free Hand



More information
about our dry cutting
assortment



Angle Grinders



AGE125

Up to Ø 125 mm
900 W
Soft start




AGE230

Up to Ø 230 mm
2.1 kW
Soft start


Dry Cutting Saw Blades

★★★ PREMIUM ★★ STANDARD ★ BASIC



UNIVERSAL
DCU TGD® Ø 230 – 400 mm |
DCU Ø 105 – 400 mm
Ø 400 mm for flush cutting |
DCU TGD® also in SILENT |
DCU also in FAST CUT

★★★ PREMIUM ★ BASIC




HARD STONE
DCH Ø 115 – 125 mm |
DCH TGD® Ø 230 – 400 mm |
DCH TGD® Ø 400 mm for flush
cutting
Also in FAST CUT

★★★ PREMIUM ★★ STANDARD




CONCRETE
DCC
Ø 115 – 400 mm
Also in FAST CUT & LONG LIFE

★★★ PREMIUM ★★ STANDARD ★ BASIC




ASPHALT & CONCRETE
DCA+C
Ø 115 – 450 mm

★★★ PREMIUM



CUT-ALL
DC ALL
Ø 115 – 230 mm
For all materials


★★★ PREMIUM **NEW**



RESCUE
DC ALL RESCUE
Ø 300 - 400 mm
For all materials



★★★ PREMIUM ★★ STANDARD




UNIVERSAL
Roofers
Ø 230 mm

★★★ PREMIUM ★ BASIC




TILES & MARBLE
PREMIUM: DCT, DCM
BASIC: DCT
Ø 100 – 230 mm

★★★ PREMIUM



PORCELAIN STONWARE
DCP
Ø 115 – 125 mm

★★★ PREMIUM



PLASTIC
DCCI Combi
for plastic pipes
Ø 125 mm

Wall Chasers

Wall Chaser Blades



HCE150

Ø 150 mm
2.3 kW
Kit for 2 or 3 blades



CONCRETE

DCC-FAST CUT
Ø 125 - 150 mm



Wall Grinders



HGE125

Ø 125 mm
1.5 kW
Variable speed



Cup Grinders

★★★
PREMIUM

★★
STANDARD



DG

PREMIUM: DGU / DGU Turbo
STANDARD: DGU double row / single row, DGU Turbo,
DGU-T Continuous, DGU-FC L-Segment, DGAB, DGC, DGH
Ø 100 – 180 mm

★★
STANDARD



DGU-PCD

Universal
Ø 100 – 180 mm
with support segment for smooth working

Hand Saws

★★★
PREMIUM



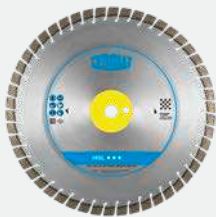
HBE400

Up to Ø 405 mm
3.2 kW/Cutting depth up 150 mm
Flush cutting function



Hand Saw Blades

★★★
PREMIUM



HS

HSL, HSM, HSX
Ø 405 – 416 mm
TGD®-Technology

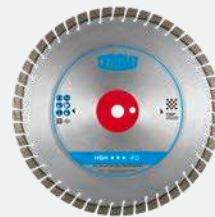
★★
STANDARD



HSL-FAST CUT

HSL-FC
Ø 350 mm
Pre-cutting blade

★★★
PREMIUM



HSX-FAST CUT

HSX-FC
Ø 416 mm
TGD®-Technology

★★★
PREMIUM



DCE-SILENT

Universal
Ø 350 – 400 mm
TGD®-Technology

Ring Saws

★★★
PREMIUM

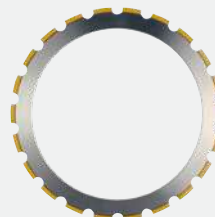


HRE410

Up to Ø 405 mm
6.5 kW/Cutting depth up 300 mm
Modular use with WSE1621 wall saw system

Ring Saw Blades

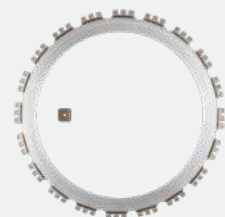
★★★
PREMIUM



RS

RSL & RSM
Ø 366 – 506 mm

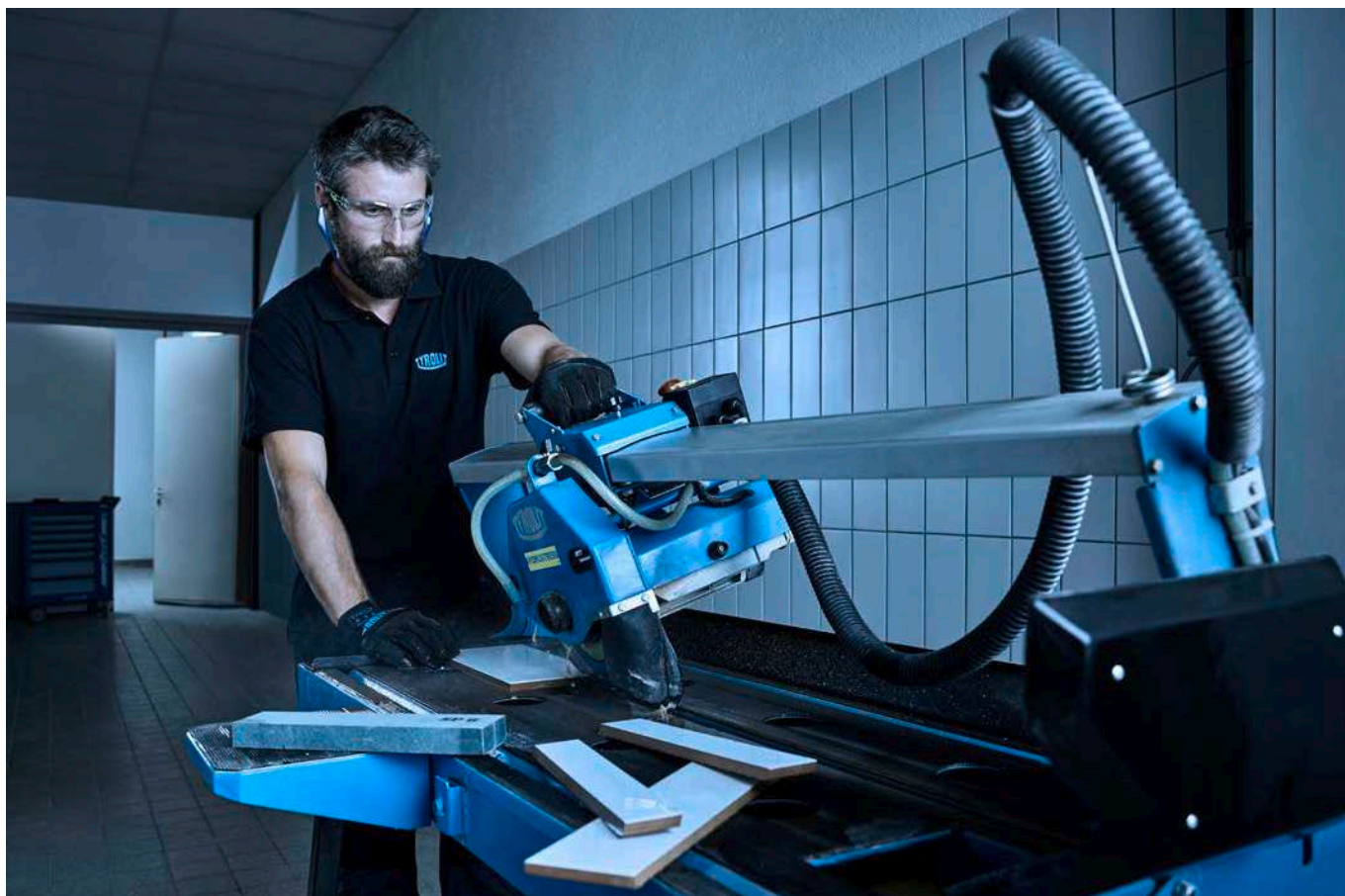
★★★
PREMIUM



RSL

RSL & RSL-C
Ø 306 – 406 mm

Table Sawing



Tile Saws

★★
STANDARD



TTE250

Ø 250 mm
1.1 kW
Compact design

★★★
PREMIUM



TRE250

Up to Ø 250 mm
1.3 kW
Cutting length 1,050 mm

★★★
PREMIUM



TILES

DCT
Ø 180 – 350 mm

★★★
PREMIUM



PORCELAIN STONEWARE

DCP
Ø 250 – 350 mm

Masonry Saws

★★
STANDARD



CSE350D

Ø 350 mm
2.2 kW
Integrated dust extraction

★★★
PREMIUM



TBE400

Up to Ø 400 mm
2.2 kW
Swivelling saw head

★★★
PREMIUM



TME700

Up to Ø 700 mm
5.5 kW
Mitre stop

★★★
PREMIUM



TME1000

Up to Ø 1 000 mm
7.5 kW
Mitre stop

Table Saw Blades

★★★
PREMIUM



UNIVERSAL

TSU/TSU-SILENT
Ø 250 – 1 000 mm

★★★
PREMIUM



HARD STONE

TSH/TSH-SILENT
Ø 300 - 350 mm

★★★
PREMIUM



MARBLE

TSM
Ø 250 – 350 mm

Band Saws

★★
STANDARD



TBS510

Cutting height up to 510 mm
1.5 kW
2 band versions available



HM-SAW BAND

3 teeth/inch
Also in FAST CUT



Wall Sawing



Wall sawing with
the WSE1621

Wall Saws

★★★
PREMIUM



WSE811 MKII

Up to Ø 825 mm
11 kW (P2®-Technology)
Electric
MoveSmart Technology

★★★
PREMIUM



WSE1621

Up to Ø 1600 mm
20 kW (P2®-Technology)
Electric
MoveSmart Technology



DZ-S2

Up to Ø 1200 mm
Ideal for 20 kW power pack
Hydraulic



FZ-4S

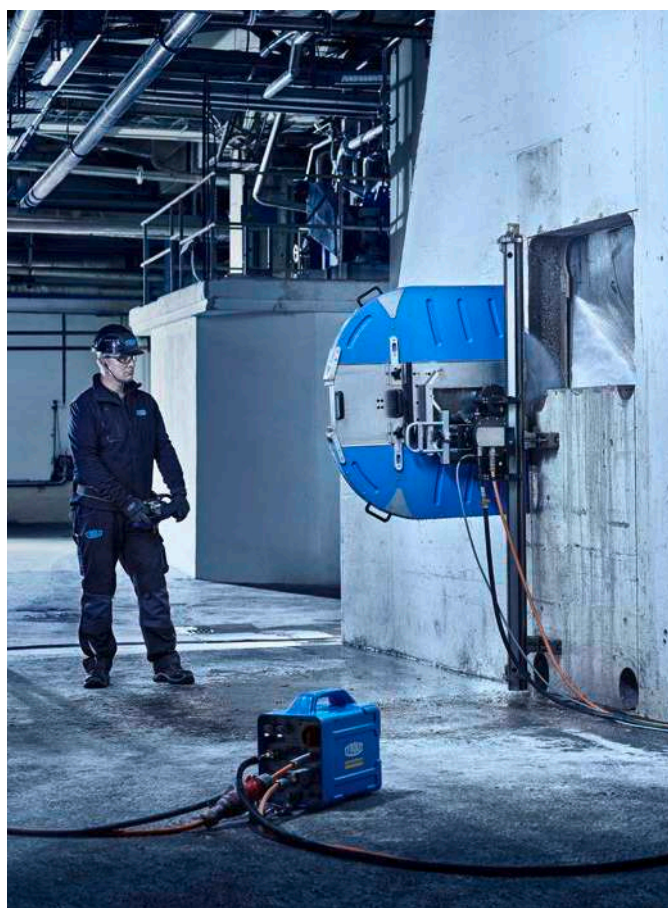
Up to Ø 2200 mm
Ideal for 40 kW power pack
Hydraulic

★★★
PREMIUM



WSE2226QC

Up to Ø 2200 mm
26 kW (P2®-Technology)
Electric





Wall Saw Blades

★★★
PREMIUM



WS

WSL-FC/WSL-FC-LL/WSL/WSL-SILENT/WSM,
WSM-SILENT/WSL-DC/WSL-FC-LL-SILENT/WSL-FCX
Ø 450 – 2200 mm
TGD® up to Ø 1600 mm

★★
STANDARD



WS

WSL/WSM/WSM-FC
Ø 600 – 1200 mm
TGD® up to Ø 1 200 mm

Wall Saw Accessories



RAILS

Aluminium rails
Steel rails



TRESTLES & STOPPER

Swivel rail trestles, stopper



BLADE GUARD

Blade guard All-in-One



BLADE GUARD AIO

Blade guard All-in-One linear

Wire Sawing



How to correctly
install the WCU17
wire saw



Wire Saws

★★★
PREMIUM



SB-E | SB

Gross wire length 15.5 m
Electric and hydraulic
SB: ATEX certified

★★★
PREMIUM



WCU17

Gross wire length 17 m
Electric and hydraulic

★★★
PREMIUM



WCE18

Gross wire length 19 m
Electric

★★★
PREMIUM



WCE30

Gross wire length 31.5 m
Electric



★★★
PREMIUM



CCE/H25

Circular wire saw
Ø 500 – 2500 mm
Electric and hydraulic

Diamond Wires

★★★
PREMIUM



DW

DWM / DWL
For concrete
Electroplated and sintered
Ø 10.2 and 8.5 / 11mm

★★
STANDARD



DW

DWM / DWL
For concrete
Electroplated and sintered
Ø 10 / 11 mm

★★★
PREMIUM



DWH -S/S-ATEX/SL

DWH-S ATEX: ATEX certified
For steel / non-ferrous metals
Electroplated, also as loops (SL)
Ø 11 mm

★★★
PREMIUM



DWM-S/SL

For steel
Electroplated, also as loops (SL)
As loop in yellow rubber
Ø 10.2 mm

Wire Saw Accessories



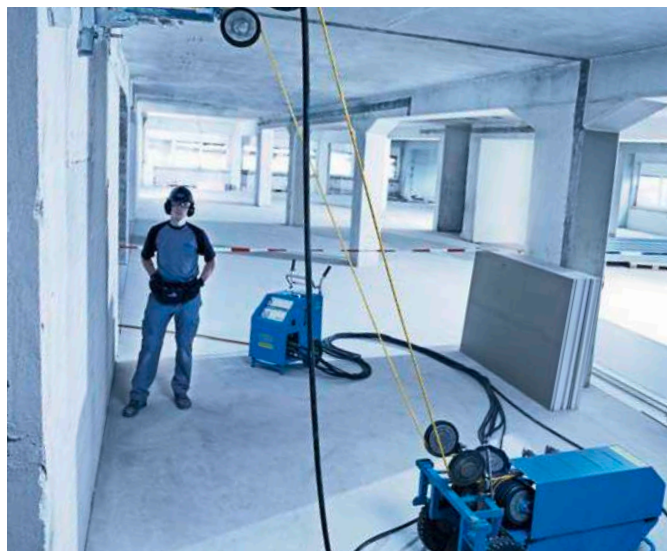
HAND PRESS

80 kN
Hydraulic



CONNECTIONS

Cardanic and repair connectors



Floor Sawing



Floor Saws

★★★
PREMIUM



FSG513

Up to Ø 500 mm
8.2 kW
Petrol

★★★
STANDARD



FSG620

Up to Ø 600 mm
15 kW
Petrol

★★★
PREMIUM



FSE811

Up to Ø 800 mm
7.5 kW
Electric

★★★
PREMIUM



FSE1022

Up to Ø 1 000 mm
22 kW
Electric

★★★
STANDARD**FSE1240**

Up to Ø 1200 mm
30 kW
Electric

★★★
PREMIUM

NEW

**FSD1274E5 3-SPEEDS**

Up to Ø 1 200 mm
55 kW
Diesel

Floor Saw Blades★★★
PREMIUM**FSC**

For Cured concrete
Ø 300 – 800 mm
For low powered machines

★★★
PREMIUM**FS-A**

For Asphalt
FSL-A, FSM-A, FSH-A
Ø 300 – 1200 mm

★★★
PREMIUM**FSA**

For Asphalt
Ø 300 – 800 mm

★★★
PREMIUM**FS-G**

For Green concrete
FSL-G3/G4 | FSM-G3/G4/G5
Ø 300 – 600 mm

**FASENFRÄSER**

For Green concrete
For various widths of joints
Chamfer cutter 45°
Diameter 280 mm, two-part

★★★
PREMIUM**FSH**

For Cured concrete
FSL, FSM, FSH-C, FSX-C3
Ø 350 – 1200 mm
TGD®-Technology



Grooving & Grinding



More information about
our assortment for
grooving and grinding



Bump Grinder PC4504CE

- + Bump grinder for concrete and asphalt
- + Performance 426 kW / 575 PS
- + Blade shaft speeds: 1,315 RPM to 1,900 RPM
- + Up to 250 diamond saw blades
- + For blade diameters up to 485 mm (18"), bore 203.2 mm
- + Width of the grinding shaft: 127 cm (50 inch)
- + 9 m length, 3 m high, 25.4 t weight
- + CE certified



**Bump Grinder
PC1504 PAVEMENT**



**Highway Grinder
PC6004EC**



**Groover & Grinder
CG-1 MINI**



**Walk Behind Mini Groover &
Grinder
CG-2E30**



Diamond saw blade **BGX-C3 IN TGD®- TECHNOLOGY**

- + Exceptional and consistent cutting performance
- + Very long life time
- + Noticeable smooth running with TGD® technology
- + Innovative diamond segment design
- + Clean cutting edges
- + Various specifications for different concrete aggregates



Floor Grinding



Learn more about floor grinding with Tyrolit



Floor Grinding Tools

★★★
PREMIUM

NEW



FLOOR GRINDING SHOES

FGC EZchange

Grit #14 – #120: FGC-XH/FGC-VH/FGC-H/FGC-MX/FGC-M

Grit #6 – #120: FGC-S

★★★
PREMIUM

NEW



TOOL HOLDER PLATE

For EZchange tools for various suppliers

Floor Grinders

★★
STANDARD

NEW



FGE280

Grinding width 280 mm
2.2 kW
Edge-grinding

★★
STANDARD

NEW



FGE400

Grinding width 400 mm
4.0 kW
1 grinding head

★★★
PREMIUM

NEW



FGE515

Grinding width 515 mm
2.2 kW / 4.0 kW
3 grinding heads

★★★
PREMIUM

NEW



FGE780

Grinding width 780 mm
15 kW
3 or 4 grinding heads /
auto feed or remote version

Floor Strippers

★★★
PREMIUM

FRE250

Working width 250 mm
1.1 kW
Directly driven impact
mechanism

★★★
PREMIUM

FRE350

Working width 350 mm
1.5 kW
Directly driven impact
mechanism



Floor Milling Machines

★★★
PREMIUM

FPE250 / FPE250DU / FPG250 / FPG250DU

Working width 250 mm
7.5 kW / 9 HP / 13 HP
Integrated drive unit (FPE250DU / FPG250DU)

★★★
PREMIUM

FPE200 / FPG200

Working width 200 mm
2.2 kW / 3.0 kW / 5.5 HP
Optional edge-milling kit

★★★
PREMIUM

FPE320 / FPE320LC / FPG320

Working width 320 mm
15 kW / 18.5 kW / 31 HP
Integrated drive unit

Shot Blasters

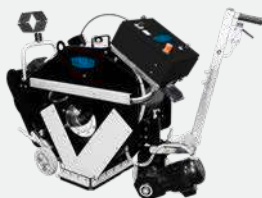
★★★
PREMIUM



FBE200

Working width 200 mm
7.5 kW
Optional extension module

★★★
PREMIUM



FBE350

Working width 350 mm
15 kW
Optional extension module

Dust Extraction Systems

★★★
PREMIUM



VCE1200D

1-phase, 230 V / 50 Hz
1.2 kW
H-Class / HEPA filters

★★★
PREMIUM



VCE2400D

1-phase, 230 V / 50 Hz
2.4 kW
H-Class / HEPA filters

★★★
PREMIUM



VCE3600D

1-phase, 230 V / 50 Hz
3.6 kW
H-Class / HEPA filters

★★★
PREMIUM



VCE3000C

3-phase, 400 V / 50 Hz
3 kW
HEPA filter

★★★
PREMIUM



VCE5500C

3-phase, 400 V / 50 Hz
5.5 kW
HEPA filter optional

Hand-held Bush Hammer Machines & Bush Hammer Tools

★★★
PREMIUM

NEW



HAND-HELD BUSH HAMMER MACHINE HIKOKI SP 18 VA

Hand-held bush hammer machine
For surfaces difficult to access, such as stairs or along the wall

★★★
PREMIUM

NEW



BUSH HAMMER TOOLS BHU

With 3, 5 or 6 heads
For different machine producers | BHU-C for coarse surfaces |
BHU-M for medium-coarse surfaces | BHU-F for fine surfaces

Chemicals



CHEMICALS

Pore Filler/Densifier 3/Sealer 50/Sealer 400/Duo 30
For repairing and polishing mineral floors

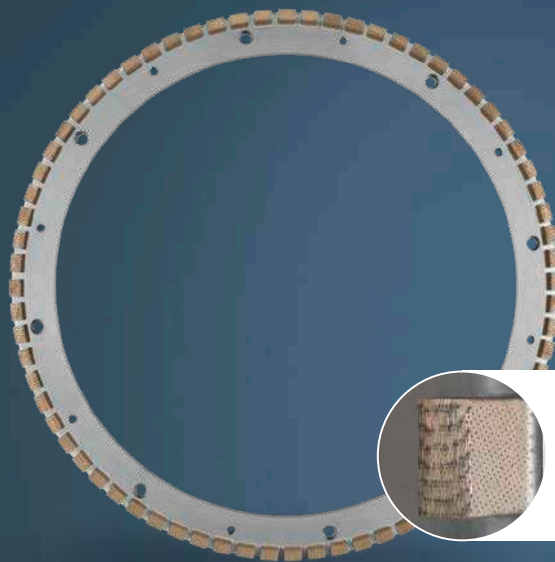
Brick Grinders



W/H/X

Brick grinder for hollow bricks
Ø 500 – 1 000 mm
TGD®-Technology

Setting new standards in brick grinding.



- + Specifications with different dimensions and for a wide range of machines and ring types
- + TGD® Technology for productive and accurate grinding
- + Segment size 24 x 15 x 20 mm
- + Pre-grinded segments for optimum results right from the start
- + Long-Life versions for refractory bricks available

Contact us for customized variants: construction@tyrolit.com

Power Packs, Slurry Collectors, Presses & Crushers



Power Packs

★★
STANDARD



PPH25

25 kW
2 stages

★★★
PREMIUM



PPH25RR

25 kW
4 stages
Radio remote control

★★★
PREMIUM



PPH40RR

40 kW
4 stages
Radio remote control

Slurry Collectors

★★★
PREMIUM



SPP400

Capacity 2.4 l
Recycling of 400 – 600 l/hr
Mobile solution for small construction sites

★★★
PREMIUM



SPP600

Capacity 6.4 l
Recycling of 400 – 600 l/hr.
Mobile and stationary use

★★★
PREMIUM



SPP1200

Capacity 30 l
Recycling of 2 000 l/hr
High filter capacity for industrial use on large-scale construction sites

Presses & Crushers

★★★
PREMIUM



CP-110/BTH350

Pressing force 108 / 260 t
3 / 2 cylinder strokes

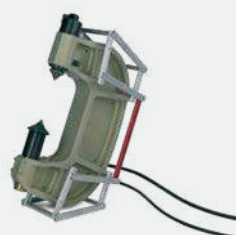
★★★
PREMIUM



AU

Up to 2000 bar

★★★
PREMIUM



BZ

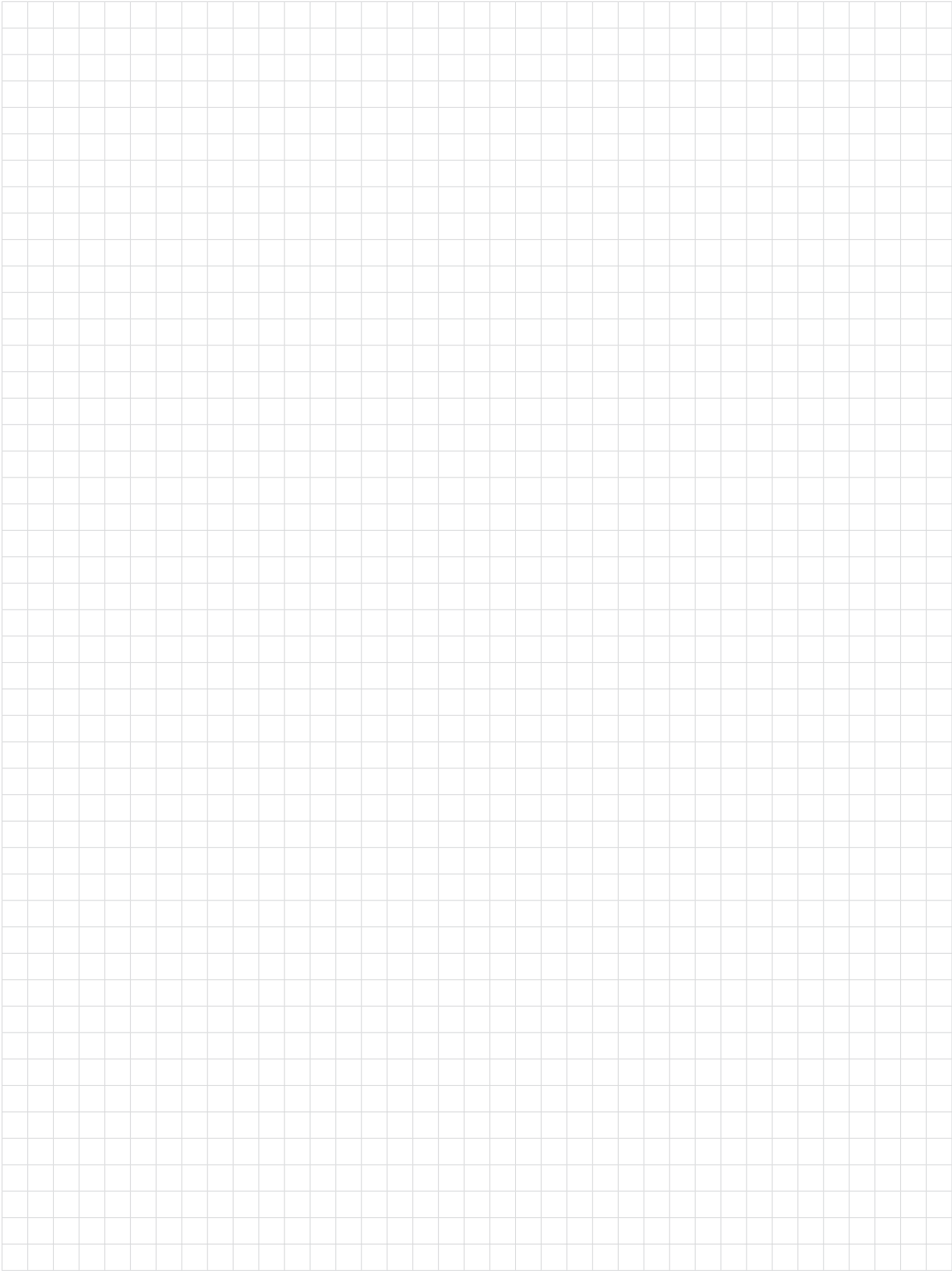
For wall thicknesses of
120 – 300 mm

★★★
PREMIUM



BW-2

Up to 750 bar





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Our **worldwide subsidiary companies** can be found
on our website at **www.tyrolit.com**



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TYROLITgroup