



Product Programme Construction Machines and Diamond Tools

English | 2025

Premium grinding solutions since 1919
www.tyrolit.com

TYROLIT

The Tyrolit Group

Tyrolit is one of the world's leading manufacturers of grinding and dressing tools, as well as a system provider for the construction industry. For over 100 years, our innovative tools and solutions have played a crucial role in technological advancements across various industries.

With roots in the heart of the Austrian Alps, Tyrolit combines the strengths of family values with a global vision and over a century of individual corporate and technological experience.

We aim to impress both internal and external target groups and foster fair, enduring partnerships. In pursuit of our goals, we consistently optimise the quality of our products and services while continuously adjusting our business processes to meet evolving market demands.



Tyrolit headquarters in Schwaz (Austria)

Facts & figures



80,000+
standard products



30+
global production sites



4,500+
valued employees



140+
countries within our reach



500+
patents worldwide

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Your reliable partner for customised 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



Convincing Technologies



Tyrolit diamond tools with TGD® technology feature intelligently distributed diamonds that enable even load distribution, optimised cooling and a constantly high cutting performance.

Advantages:

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



TGD®+ technology is the further development of the TGD® technology and is characterised by an innovative sandwich bond system that enables different degrees of hardness and smooth transitions within the diamond segment.

Advantages:

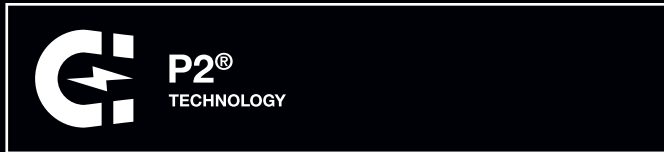
- + Innovative sandwich bond system
- + Maximum efficiency
- + Targeted profile control



OmniGrid® offers operators maximum flexibility so that work can be completed without interruption, even in challenging power conditions on the construction site.

Advantages:

- + Flexibility in terms of power supply
- + No interrupted work
- + Single-phase operation possible



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.

Advantages:

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



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.

Advantages:

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



Tyrolit's innovative asset management platform MoveSmart and the respective hardware offer realtime operating and user data for assets and machinery. Thus, MoveSmart makes a significant contribution to increasing efficiency in companies.

Advantages:

- + Overview of all machines
- + Increased productivity
- + Reduced service times



Core Drilling

Wet Drilling



★★★
PREMIUM

DME20PU/PW/CW
Drill motor
Up to Ø 180 mm
2.0 kW
3 gears

★★★
STANDARD

DME22SU
Drill motor
Up to Ø 180 mm
2.2 kW
3 gears

★★★
PREMIUM

DME26MW/UW
Drill motor
Up to Ø 250 mm
2.6 kW
3 gears

★★★
PREMIUM

DME32MW/UW
Drill motor
Up to Ø 350 mm
3.2 kW
3 gears

★★★
PREMIUM

DME52UW
Drill motor
Up to Ø 500 mm
5.2 kW
3 gears

★★★
PREMIUM




DGB1000
Core Drilling Gearbox
Up to Ø 1000 mm
Hydraulic and electric

★★
STANDARD



DRS162
Core Drilling System
Up to Ø 162 mm
incl. 2.5 kW drill motor

★★
STANDARD



DRS250
Core Drilling System
Up to Ø 250 mm
incl. 2.5 kW drill motor


★★★ PREMIUM ★★ STANDARD ★ BASIC



WET DRILL BITS

- + Ø 10 – 1 400 mm
- + For motors with 2 – 5 kW (electric)
- + Many optimally adapted versions for different kinds of reinforced concrete
- + Various segment widths and types available
- + TGD® versions for even more efficiency

★★★ PREMIUM



DEEP CORE DRILL BITS

- + Ø 20 – 300 mm
- + For motors with up to 7.5 kW (electric), can be combined with DGB1000
- + Machinable materials: natural stone (granite, gneiss, quartz, basalt, dolomite), reinforced concrete (medium hard-hard)



DRILL SEGMENTS

- + For wet drill bits
- + Ø 47 - 1 500 mm
- + Brazed

Dry Drilling & Tile Drilling

★★★
PREMIUM



DME19DP

Drill motor
Up to Ø 162 mm
1.8 kW
With percussion

★★★
PREMIUM



DME17DP

Drill motor
Up to Ø 200 mm
2.0 kW
With percussion, 2 gears



DHE32

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

★★★ PREMIUM ★★ STANDARD ★ BASIC



DRY DRILL BITS

- + Ø 32 – 250 mm
- + For motors with 1 – 3 kW (with and without soft impact)
- + For lightly to medium reinforced concrete and masonry
- + Special solutions for installing sockets

★★★
PREMIUM



TILE DRILLS AND ACCESSORIES

- + Ø 5 – 82 mm
- + Available as single drills or in different sets
- + Optionally with HEX or M14 connection
- + Tile drills for wet application. Tile drills for dry application with paraffin or Cool Gel

Drill Rigs for Wet and Dry Drilling

★★★
PREMIUM



DRA150
Drill rig
Up to Ø 150 mm
Clamping collar 60 mm
Dowel foot

★★★
PREMIUM



DRU160
Drill rig
Up to Ø 160 mm
Clamping collar 60 mm
Dowel | Vacuum

★★★
PREMIUM



DRA250/DRU250
Drill rig
Up to Ø 250 mm
ModulDrill™
Dowel | Vacuum

★★★
PREMIUM



DRU350 MKII
Drill rig
Up to Ø 350 mm
360° rotation, ModulDrill™
Telescoping system

★★★
PREMIUM




BY
Drill rig
Up to Ø 350 mm
ModulDrill™
2-column-guiding

★★★
PREMIUM



DRA400/DRU400
Drill rig
Up to Ø 400 mm
ModulDrill™
Dowel | Vacuum

★★★
PREMIUM



DRA500
Drill rig
Up to Ø 500 mm
ModulDrill™
Extendable

★★★
PREMIUM



BC-2
Drill rig
Up to Ø 1 000 mm
2-column-guiding
Modularity with wire saw

Wall Sawing



Wall sawing with the WSE1621

★★★ PREMIUM **NEW**



WSE912
Wall saw
Up to Ø 925 mm
11 kW
MoveSmart, P2® Technology, OmniGrid® Technology
Electric

★★★ PREMIUM



WSE1621
Wall saw
Up to Ø 1 600 mm
20 kW
MoveSmart & P2® Technology
Electric



DZ-S2
Wall saw
Up to Ø 1 200 mm
Ideal for 20 kW power pack
Hydraulic



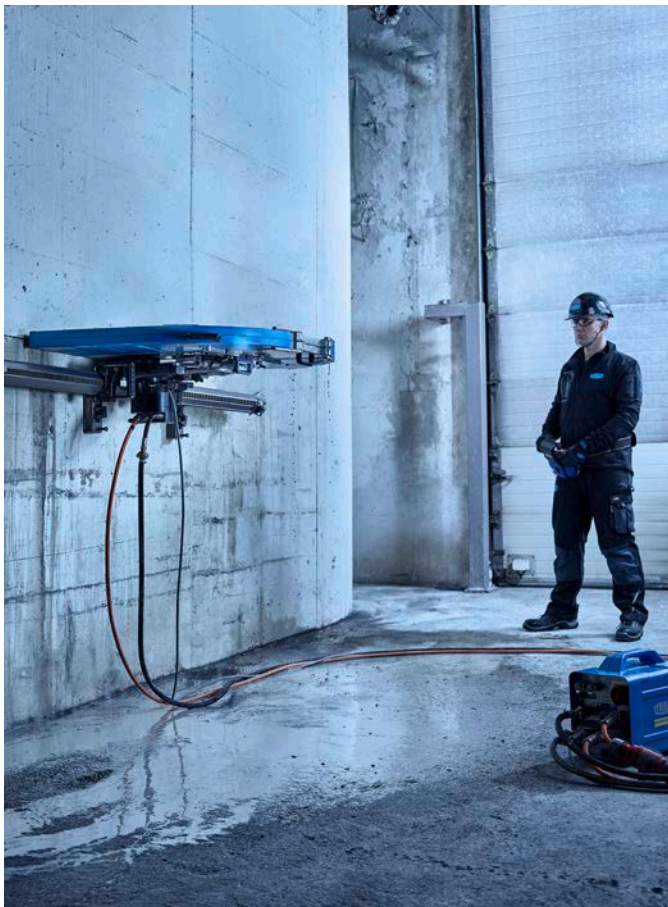
FZ-4S
Wall saw
Up to Ø 2 200 mm
Ideal for 40 kW power pack
Hydraulic

★★★ PREMIUM

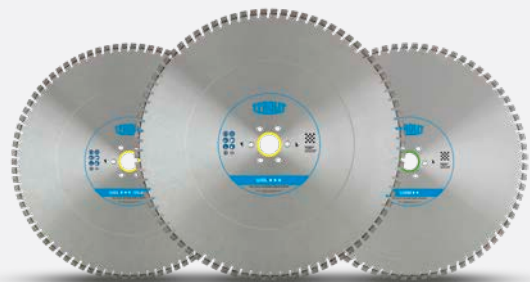


WSE2226QC
Wall saw
Up to Ø 2 200 mm
26 kW
P2® Technology
Electric





★★★ PREMIUM ★★ STANDARD



WALL SAW BLADES

- + For effortless cutting of reinforced and non-reinforced concrete
- + Ø 450 – 2 200 mm
- + TGD® Technology up to Ø of 1 600 mm (PREMIUM) and 1 200 mm (STANDARD)
- + Drive holes for all standard machines on the market
- + SILENT | FAST CUT | ULTRA FAST CUT | LONG LIFE versions

★★★ PREMIUM



DEEP CUT WALL SAW BLADES

- + Ø 450 – 2 200 mm
- + For cutting depths of up to 1 000 mm
- + For motors with 17 kW (electric) / 25 kW (hydraulic)
- + Optimised segment thickness for easy cutting and the ideal amount of cooling water



WALL SAWING ACCESSORIES

- + Rails
- + Rail trestles
- + Blade covers

Wire Sawing



How to correctly install the WCU17 wire saw

★★★
PREMIUM



SB-E | SB
Wire saw
Gross wire length 15.5 m
Electric and hydraulic
SB: ATEX certified

★★★
PREMIUM



WCU17
Wire saw
Gross wire length 17 m
Electric and hydraulic

★★★
PREMIUM



WCE18
Wire saw
Gross wire length 19 m
Electric

★★★
PREMIUM



WCE30
Wire saw
Gross wire length 31.5 m
Electric



★★★
PREMIUM




CCE/H25
Circular wire saw
Ø 500 – 2500 mm
Electric and hydraulic

★★★ PREMIUM **NEW**




DM-CF DIAMOND SAW WIRE
 Electroplated | Concrete
 Reinforced connection of the beads and rubber
 New pearl design
 Ø 10.8 mm | 46 beads/m

★★★ PREMIUM **NEW**




DWB-C DIAMOND SAW WIRE
 Sintered | Concrete
 Universal use
 Outstanding stock removal rate
 Ø 10.5 mm | 40 beads/m

★★★ PREMIUM ★★ STANDARD ★ BASIC




DWM-C DIAMOND SAW WIRE
 Electroplated | Concrete
 New version with reinforced connection of the beads and rubber
 Ø 8.5 – 10 mm | 40 – 46 beads/m

★★★ PREMIUM




DWM-S/SL DIAMOND SAW WIRE
 Electroplated | Steel
 Also available as loops with yellow rubber
 Ø 10.2 mm | 46 beads/m

★★★ PREMIUM



DWH-S ATEX DIAMOND SAW WIRE
 Electroplated | Steel
 ATEX-certified for maximum safety
 Ø 11 mm | 46 beads/m



WIRE SAW ACCESSORIES

- + Hand press and press inlays
- + Cardanic and repair connectors

Floor Sawing



★★★
PREMIUM



FSG513

Floor saw
Up to Ø 500 mm
8.2 kW
Petrol

★★
STANDARD



FSG620

Floor saw
Up to Ø 600 mm
15 kW
Petrol

★★★
PREMIUM



FSE808

Floor saw
Up to Ø 800 mm
7.5 kW
Electric

★★★
PREMIUM



FSE1022

Floor saw
Up to Ø 1000 mm
22 kW
Electric

★★
STANDARD



FSE1240

Floor saw
Up to Ø 1 200 mm
30 kW
Electric

★★★
PREMIUM



FSD1274E5 3-SPEED

Floor saw
Up to Ø 1 200 mm
55 kW
Diesel Euro V

★★★
PREMIUM



FLOOR SAW BLADES

- + Special versions for asphalt, cured concrete and green concrete
- + Ø 300 – 1 600 mm
- + Laser-welded up to Ø 1 600 mm
- + Floor saw blades for cured concrete in TGD® Technology



**CHAMFER
CUTTER 45°**

For green concrete
Ø 280 mm, two-part
For various widths of joints

Free Hand



More information
about our dry cutting
assortment



AGE125

Angle grinder
Up to Ø 125 mm
900 W
Soft start



AGE230

Angle grinder
Up to Ø 230 mm
2.1 kW
Soft start

★★★★
PREMIUM

★★★
STANDARD

★
BASIC

✦✦✦





DRY CUTTING SAW BLADES

- + Get the perfect specification for any material: from universal construction materials to hard stone, concrete or asphalt
- + Ø 115 – 400 mm
- + TGD® | SILENT | FAST CUT | LONG LIFE versions

★★★★
PREMIUM

✦✦✦

DC-ALL – THE ALLROUNDERS

- + Dry cutting saw blades for any materials
- + Ø 115 – 400 mm
- + FAST CUT | RESCUE versions

★★★★
PREMIUM

★
BASIC



RESINOID CUT-OFF, ROUGH GRINDING & FLAP DISCS

- + Different versions for machining steel and stainless steel grades as well as universal construction materials and stone
- + Ø 115 – 400 mm
- + For angle grinders and cut-off machines (e.g. petrol saws)
- + CERABOND X | 2in1 | CUT AND GRIND versions

Wall Chasing & Wall Grinding



HCE150

Wall chaser
 Ø 150 mm
 2.3 kW
 Kit for 2 or 3 blades



WALL CHASER BLADES

For Concrete
 Ø 125 – 150 mm
 FAST CUT version

★★★ PREMIUM ★★ STANDARD



CUP WHEELS

- + For grinding concrete, natural stone and universal construction materials
- + Ø 100 – 180 mm
- + Single row, double row, Continuous, FAST CUT and L-segment versions
- + PCD cup wheels for removing coatings and adhesives



HGE125

Wall grinder
 Ø 125 mm
 1.5 kW
 Variable speed

Hand & Ring Sawing



★★★
PREMIUM



HBE400

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

★★★ PREMIUM ★★ STANDARD



HAND SAW BLADES

- + Ø 350 – 416 mm
- + Special blades for pre-cutting
- + PREMIUM versions with TGD® Technology
- + FAST CUT | SILENT versions



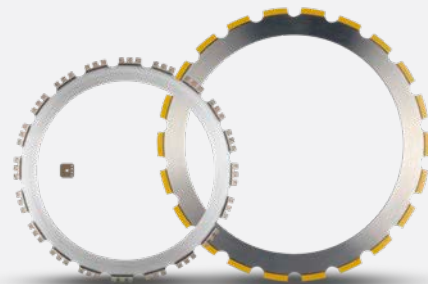
★★★
PREMIUM



HRE410

Ring saw
Up to Ø 405 mm / Cutting depth up to 300 mm
6.5 kW
Modular use with WSE1621 Wall Sawing System

★★★
PREMIUM



RING SAW BLADES

- + For Tyrolit machines and machines of other manufacturers
- + Ø 306 – 425 mm
- + TGD® versions available

Table Sawing

★★
STANDARD

TTE250

Tile saw
Up to Ø 250 mm
1.1 kW
Compact Design

★★★
PREMIUM

TRE250

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

★★★
PREMIUM

TILE SAW BLADES

- + Different versions for cutting tiles and porcelain stoneware
- + Ø 180 – 350 mm



★★
STANDARD



CSE350D

Masonry saw
Up to Ø 350 mm
2.2 kW
Integrated dust extraction

★★★
PREMIUM



TBE400

Masonry saw
Up to Ø 400 mm
2.2 kW
Swivelling saw head

★★★
PREMIUM



TME700

Masonry saw
Up to Ø 700 mm
5.5 kW
Mitre stop

★★★
PREMIUM



TABLE SAW BLADES

- + For universal construction materials, hard stone and marble
- + Ø 250 – 1 000 mm
- + SILENT version

★★★
PREMIUM



TME1000

Masonry saw
Up to Ø 1 000 mm
7.5 kW
Mitre stop



★★
STANDARD



TBS510

Band saw
Cutting height up to 510 mm
1.5 kW
2 band versions



HM-SAW BAND

3 teeth/inch
Also in FAST CUT

Power Packs, Slurry Collectors, Presses & Crushers

★★★ PREMIUM ★★ STANDARD



POWER PACKS

- + 25 kW & 40 kW
- + With 2 or 4 stages
- + Some versions can be operated via radio remote control



★★★
PREMIUM



SLURRY COLLECTORS

- + For capacities of 2.4 l, 6.4 l and 30 l
- + Recycling of 400 – 2 000l/hr.
- + Solutions for mobile, stationary or industrial use

★★★
PREMIUM



PRESSES & CRUSHERS

- + Presses with pressing force of 108/260 t
- + Drives with up to 750 and 2 000 bar
- + Crushers for wall thicknesses of 120 – 300 mm

Floor Grinding & Floor Prep

Optimally synchronised machines and tools achieve perfect results and open up a wide range of possibilities for floor grinding and floor prep.

In addition to specially developed floor grinders and corresponding tools, the Tyrolit floor grinding range also includes various machines and tools for removing all types of surfaces and coatings, chemicals, vacuum cleaners and polishing tools.



Discover the complete
assortment for
floor grinding & floor prep

Grooving & Grinding

MACHINES

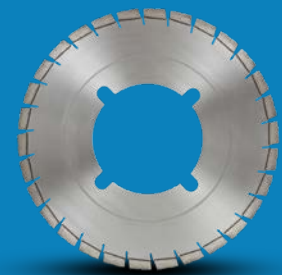
Machines in various power classes are available for the machining of concrete surfaces on airport roads and runways.



Bump Grinder PC4504CE

TOOLS

Excellent results can be achieved in combination with tools that are optimally matched to the application. Depending on the requirements and machine, up to 250 diamond saw blades can be mounted on one shaft.



BGX-C3 Diamond Saw Blade
TGD® Technology

Brick Grinding

BRICK GRINDING WHEELS

- + Ø 500 – 1 000 mm for various machines and ring types
- + In TGD® Technology
- + Pre-grinded segments
- + LONG LIFE versions for refractory bricks





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



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