The TYROLIT MoveSmart Technology

Maximum productivity through smart connectivity

The MoveSmart Technology is TYROLIT’s entry into the world of IoT (Internet of Things). With the MoveSmart Technology, our machines are able to connect the office with the construction site for the very first time. The machine sends important information such as localisation data, operating hours, service times and error reports in order to enable an even smoother and smarter operation. In doing so, the TYROLIT MoveSmart Technology helps to plan more efficiently as well as to better understand processes and to improve machine utilisation.

More information on www.tyrolit.com/movesmart
Grooving & grinding

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 Ø 485 mm (18’’)
- Cut width 127 cm
- 9 m length, 3 m height, 25.4 t weight
- CE certified

BGX-C3 in TGD®

- 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

Find more products for grooving and grinding on www.tyrolit.com

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.

You can find even more information in our Project Services Brochure or at www.tyrolit.com
Core drill motors

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor Type</th>
<th>Diameter</th>
<th>Power</th>
<th>Gears</th>
</tr>
</thead>
<tbody>
<tr>
<td>DME19DP</td>
<td>CD DDE</td>
<td>Up to Ø 162 mm</td>
<td>1.8 kW</td>
<td>3 gears</td>
</tr>
<tr>
<td>DME22SU</td>
<td>CD DDE</td>
<td>Up to Ø 180 mm</td>
<td>2.2 kW</td>
<td>3 gears</td>
</tr>
<tr>
<td>DME20PW/PU</td>
<td>CD DDE</td>
<td>Up to Ø 180 mm</td>
<td>2.0 kW</td>
<td>3 gears</td>
</tr>
<tr>
<td>DME33MW/UW</td>
<td>DDE</td>
<td>Up to Ø 450 mm</td>
<td>3.3 kW</td>
<td>3 gears</td>
</tr>
<tr>
<td>DME52UW</td>
<td>DDE</td>
<td>Up to Ø 500 mm</td>
<td>5.2 kW</td>
<td>3 gears</td>
</tr>
<tr>
<td>DME24MW/UW</td>
<td>DDE</td>
<td>Up to Ø 250 mm</td>
<td>2.2 kW</td>
<td>3 gears</td>
</tr>
<tr>
<td>DGB1000</td>
<td>DDE</td>
<td>Up to Ø 1000 mm</td>
<td></td>
<td>Hydraulic and electric</td>
</tr>
</tbody>
</table>

Core drill bits

**Wet**

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Diameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD</td>
<td>CD</td>
<td>Ø 10 – 1 300 mm</td>
<td>Roof segments from Ø 32 mm</td>
</tr>
<tr>
<td>STAND: CDL/CDM</td>
<td></td>
<td>Ø 32 – 1 300 mm</td>
<td>Roof segments</td>
</tr>
<tr>
<td>BASIC: B1/B1M</td>
<td></td>
<td>Ø 32 – 300 mm</td>
<td></td>
</tr>
</tbody>
</table>

**Dry**

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Diameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DDL</td>
<td>DDE</td>
<td>Ø 68 mm, 82 mm</td>
<td>TGD®-Technology</td>
</tr>
<tr>
<td>PREMIUM TGD®: DDL / DDL-HH / DDL-RM</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STANDARD &amp; BASIC: DDL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ø 32 – 300 mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>rig mounted (RM)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Core drill rigs

**CORE DRILLING**

### DRS162
- **Up to Ø 162 mm**
- Drill system
- incl. 2.5 kW drill motor

### DRS250
- **Up to Ø 250 mm**
- Drill system
- incl. 2.5 kW drill motor

### DRA150
- **Up to Ø 150 mm**
- Clamping collar 60 mm
- Dowel foot

### DRU160
- **Up to Ø 160 mm**
- Clamping collar 60 mm
- Dowel | Vacuum

### DRA/U250
- **Up to Ø 250 mm**
- Dowel | Vacuum

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### DRA350
- **Up to Ø 350 mm**
- 360° rotation, ModulDrill™
- Telescoping system

### BY
- **Up to Ø 350 mm**
- ModulDrill™
- 2-column-guiding

### DRA/U400
- **Up to Ø 400 mm**
- ModulDrill™
- Dowel | Vacuum

### DRA500
- **Up to Ø 500 mm**
- ModulDrill™
- Extendable

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

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### Tile drill-sets

**Tile drill-sets**

<table>
<thead>
<tr>
<th>HEX Ø 5–14</th>
<th>M14 Ø20+</th>
<th>XL</th>
<th>Kit HEX</th>
<th>M14</th>
</tr>
</thead>
</table>

---

### Paraffin Tile drills

| HEX Ø 5, 6, 8, 10, 12, 14 mm | individual or as a set |
Wall sawing
Product highlights

WSE1621
- THE electric wall saw for everyday use at the construction site
- Quick assembly and disassembly thanks to tool-free motor fastening
- Extremely compact motor
- Radio remote control with display
- USB interface
- Small and compact control unit
- Redesigned, lightweight blade guard
- Available with MoveSmart Technology

NEW
Combination of drive holes
- For all 12M109 TYROLIT wall saw heads in Central Europe (except WSE811 MKII)
- For all 6M207 HILTI and HUSQVARNA wall saw heads

WSL-FAST CUT
- Wide-tooth C7-version
- TGD®-Technology for consistent cutting rate and smooth cutting through rebar
- Laser-welded segments for highest security up to Ø 1200 mm
- Ø 1600 mm from Q2 2020 in TGD® Technology
## Wall saws

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Power</th>
<th>Drive</th>
<th>Technology</th>
<th>Guard</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WSE811 MKII</strong></td>
<td>Up to Ø 825 mm</td>
<td>11 kW (P2®-Technology)</td>
<td>Electric</td>
<td>MoveSmart Technology</td>
<td></td>
</tr>
<tr>
<td><strong>WSE1621</strong></td>
<td>Up to Ø 1 600 mm</td>
<td>20 kW (P2®-Technology)</td>
<td>Electric</td>
<td>MoveSmart Technology</td>
<td></td>
</tr>
<tr>
<td><strong>WSE2226</strong></td>
<td>Up to Ø 2 200 mm</td>
<td>26 kW (P2®-Technology)</td>
<td>Electric</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DZ-S2</strong></td>
<td>Up to Ø 1 200 mm</td>
<td></td>
<td></td>
<td>Ideal for 20 kW power pack</td>
<td>Hydraulic</td>
</tr>
</tbody>
</table>

## Wall saw blades

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Power</th>
<th>Drive</th>
<th>Technology</th>
<th>Add-Ons</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FZ-4S</strong></td>
<td>Up to Ø 2 200 mm</td>
<td></td>
<td>Hydraulic</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>WS</strong></td>
<td>WSL-FC, WSL-FC-LL, WSL, WSL-SILENT, WSM, WSM-SILENT, WSL-DC</td>
<td></td>
<td></td>
<td>Ø 450 – 2 200 mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TGD®-Technology up to 1 600 mm</td>
<td></td>
<td></td>
<td>ab Q2 2020</td>
<td></td>
</tr>
<tr>
<td><strong>WS</strong></td>
<td>WSL, WSM, WSM-FC</td>
<td></td>
<td></td>
<td>Ø 600 – 1 200 mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TGD®-Technology up to 1 200 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Wall saw accessories

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rails</td>
<td>Aluminium rails, Steel rails</td>
</tr>
<tr>
<td>Trestles &amp; Stopper</td>
<td>Swivel rail trestles, stopper</td>
</tr>
<tr>
<td>Blade Guard</td>
<td>Blade guard All-in-One</td>
</tr>
<tr>
<td>Blade Guard WSE1621</td>
<td>Blade guard All-in-One linear</td>
</tr>
</tbody>
</table>
Wire sawing
Product highlights

WCU17
- Universal wire saw
- Simplified wire guidance
- Ergonomic and light components
- Reduced weight of components

DWL-CF
- Vitrified wire for concrete
- Very fast cutting performance
- Noticeable smooth running due to optimized bead and wire construction
- High level of safety due to robust construction
Wire sawing

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

- **WCE18**
  - Gross wire length: 19 m
  - Electric

- **WCU17**
  - Gross wire length: 17 m
  - Electric and hydraulic

- **CCE/H25**
  - Circular wire saw, Ø 500 – 2,500 mm
  - Electric and hydraulic

Diamond wire

Concrete

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

Steel

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

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

- **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 saws

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Diameter</th>
<th>Power</th>
<th>Fuel</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSG513</td>
<td>Premium</td>
<td>Up to Ø 450 mm</td>
<td>8.2 kW</td>
<td>Petrol</td>
</tr>
<tr>
<td>FSG620</td>
<td>Standard</td>
<td>Up to Ø 600 mm</td>
<td>15 kW</td>
<td>Petrol</td>
</tr>
<tr>
<td>FSG930</td>
<td>Standard</td>
<td>Up to Ø 900 mm</td>
<td>22 kW</td>
<td>Diesel</td>
</tr>
<tr>
<td>FSG1049</td>
<td>Premium</td>
<td>Up to Ø 1000 mm</td>
<td>36 kW</td>
<td>Diesel</td>
</tr>
<tr>
<td>FSE811</td>
<td>Premium</td>
<td>Up to Ø 800 mm</td>
<td>7.5 kW</td>
<td>Electric</td>
</tr>
<tr>
<td>FSD1274 3-GEAR</td>
<td>Standard</td>
<td>Up to Ø 1200 mm</td>
<td>55 kW</td>
<td>Diesel</td>
</tr>
<tr>
<td>FSE1240</td>
<td>Standard</td>
<td>Up to Ø 1200 mm</td>
<td>30 kW</td>
<td>Electric</td>
</tr>
</tbody>
</table>
Floor saw blades

Cured concrete

### FS-C
- FSL, FSM, FSH-C, FSX-C3
- Ø 350 – 1 200 mm
- TGD®-Technology

### FSC
- Ø 300 – 800 mm
- For low powered machines

### FS-A
- FSL-A, FSM-A, FSH-A
- Ø 300 – 1 200 mm

### FSA
- Ø 300 – 800 mm

Green concrete

### FS-G
- Ø 300 – 600 mm

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

Asphalt

FLOOR SAWING
Dry cutting
Product highlights

New PREMIUM TGD® assortment

- New specifications: DCU in TGD®, DCE-SILENT in TGD® und DCH in TGD®
- Reliable TGD® quality, now with an even better cutting rate
- New pattern and more intelligent distribution of the diamonds for increased efficiency
- Longer segments for even more performance

New conventional PREMIUM assortment

- New specifications: DCU, DCH, DCC, DCA+C
- Universal use thanks to a dynamic new look
- Improved cooling effect thanks to U-cuts
- Higher cutting rate due to a reduced segment surface

NEW PREMIUM RANGE AVAILABLE FORM SPRING 2020
NEW STANDARD RANGE AVAILABLE FORM AUTUMN 2020

More information on www.tyrolit.com
### Dry cutting saw blades

**Universal**
- DCU TGD® Ø 230 – 400 mm
- DCU Ø 115 – 400 mm
- Ø 400 mm for flush cutting
  - Also in DCE-SILENT in TGD®

**Concrete**
- DCU Ø 115 – 400 mm
  - Also in FC

**Asphalt & Concrete**
- DCA+C Ø 115 – 450 mm
  - Also in LL

**Hard Stone**
- DCH Ø 115 – 125 mm
- DCH TGD® Ø 230 – 400 mm
- DCH TGD® Ø 400 mm
  - for flush cutting
  - Also in FC

**Abrasiv**
- DCA Ø 115 – 450 mm
  - Also in FC

**Tiles & Marble**
- DCC Ø 115 – 400 mm
  - Also in FC

**Cup grinder**
- PREMIUM: DCT, DCM
  - Ø 100 – 350 mm

**Specials**
- 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

**Brick grinder**
- PREMIUM: DCCI COMBI
  - DCCI Combi for plastic pipes
    - Ø 125

- STANDARD: DCA
  - BASIC: DCA, DCAB
  - Ø 115 – 450 mm

- NEW: DGBM / H / X
  - Brick grinder for hollow bricks
  - Ø 500 – 900 mm
  - TGD®-Technology
Ring and hand sawing
Product highlights

HRE410
+ 6.5 kW P2® motor
+ Intelligent ergonomics – handle can be rotated 90° for horizontal cuts
+ Modular use with WSE1621 wall saw system

RSL-FC
+ For concrete and reinforced concrete
+ Universal use and very fast cutting performance
+ Perfectly adapted for TYROLIT Hydrostress ring saw HRE410
Hand saws

<table>
<thead>
<tr>
<th>Model</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>HBE350</td>
<td>Up to Ø 355 mm, Cutting depth up 125 mm, Integrated dust extraction connection</td>
</tr>
<tr>
<td>HBE400</td>
<td>Up to Ø 405 mm, Cutting depth up 150 mm, Flush cutting function</td>
</tr>
<tr>
<td>HRE410</td>
<td>Up to Ø 405 mm, Cutting depth up 300 mm, Modular use with WSE1621 wall saw system</td>
</tr>
</tbody>
</table>

Hand saw blades

<table>
<thead>
<tr>
<th>Model</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSL, HSM, HSX</td>
<td>Ø 405 – 416 mm, TGD®-Technology</td>
</tr>
<tr>
<td>HSL-FC</td>
<td>Ø 350 mm, Pre-cutting blade</td>
</tr>
<tr>
<td>HSX-FC</td>
<td>Ø 416 mm, TGD®-Technology</td>
</tr>
</tbody>
</table>

Ring saw blades

<table>
<thead>
<tr>
<th>Model</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>RS</td>
<td>RSL &amp; RSM, Ø 366 – 506 mm</td>
</tr>
<tr>
<td>RSL</td>
<td>RSL-FC &amp; RSL-C, Ø 306 – 406 mm</td>
</tr>
</tbody>
</table>
Cellular concrete band saw
Product highlights

TBS510

- For processing of aerated concrete and for various types of brick
- Fast and hassle-free changing of saw bands
- Automatic saw cut off
- High lifetime and automatic saw band tensioner
- Low maintenance intensity thanks to direct driver of saw band rollers
Table saws

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Blade Size</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRE250</td>
<td>Tile saw</td>
<td>Ø 250 – 1000 mm</td>
<td>Up to Ø 250 mm, Cutting length 1,050 mm</td>
</tr>
<tr>
<td>TBE400</td>
<td>Masonry saw</td>
<td>Ø 300 – 350 mm</td>
<td>Up to Ø 400 mm, Swivelling saw head</td>
</tr>
<tr>
<td>TME700</td>
<td>Masonry saw</td>
<td>Ø 180 – 350 mm</td>
<td>Up to Ø 700 mm, Mitre stop</td>
</tr>
<tr>
<td>TME1000</td>
<td>Masonry saw</td>
<td>Ø 250 – 350 mm</td>
<td>Up to Ø 1000 mm, Mitre stop</td>
</tr>
</tbody>
</table>

Table saw blades

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Diameter Range</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSU/TSU-SILENT</td>
<td>Universal</td>
<td>Ø 250 – 1000 mm</td>
<td>Universal</td>
</tr>
<tr>
<td>TSH/TSH-SILENT</td>
<td>Hard stone</td>
<td>Ø 300 – 350 mm</td>
<td>Hard stone</td>
</tr>
<tr>
<td>DCT</td>
<td>Tiles</td>
<td>Ø 180 – 350 mm</td>
<td>Tiles</td>
</tr>
<tr>
<td>ES-T</td>
<td>Marble</td>
<td>Ø 250 – 350 mm</td>
<td>Marble</td>
</tr>
</tbody>
</table>

Circular concrete band saw

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TBS510</td>
<td>Cutting height up to 510 mm</td>
</tr>
<tr>
<td></td>
<td>Quick fastening band saw change</td>
</tr>
</tbody>
</table>
Floor grinding

**Floor grinding tools**

<table>
<thead>
<tr>
<th>S-LINE</th>
<th>M-LINE</th>
<th>H-LINE</th>
<th>X-LINE</th>
<th>C-LINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soft concrete</td>
<td>Moderately hard concrete</td>
<td>Hard concrete</td>
<td>Extremely hard concrete</td>
<td>Removing</td>
</tr>
<tr>
<td>For Schwamborn ETX1 &amp; ETX2, HTC EZchange™, Husqvarna REDI LOCK®</td>
<td>For Schwamborn ETX1 &amp; ETX2, HTC EZchange™, Husqvarna REDI LOCK®</td>
<td>For Schwamborn ETX1 &amp; ETX2, HTC EZchange™, Husqvarna REDI LOCK®</td>
<td>For Schwamborn ETX1 &amp; ETX2, HTC EZchange™, Husqvarna REDI LOCK®</td>
<td>For Schwamborn ETX1 &amp; ETX2, HTC EZchange™, Husqvarna REDI LOCK®</td>
</tr>
</tbody>
</table>

Grinding wheel depictions are sample images.
Slurry collectors

- **SPP400**
  - Capacity: 2.4 l
  - Recycling: 400 – 600 l/hr
  - Mobile solution for small construction sites

- **SPP600**
  - Capacity: 6.4 l
  - Recycling: 400 – 600 l/hr
  - Mobile and stationary use

- **SPP1200**
  - Capacity: 30 l
  - Recycling: 2,000 l/hr
  - High filter capacity for industrial use on large-scale construction sites

Power packs

- **PPH25**
  - Power pack AU
  - Capacity: 25 kW
  - Stages: 2

- **PPH25RR**
  - Capacity: 25 kW
  - Stages: 4
  - Radio remote control

- **PPH40RR**
  - Capacity: 40 kW
  - Stages: 4
  - Radio remote control

Presses

- **CP-110/BTH350**
  - Pressing force: 108 / 260 t
  - 3 / 2 cylinder strokes
  - Power pack AU
  - Up to 2,000 bar

Crushers

- **Crusher BZ**
  - For wall thicknesses of 120 – 300 mm
  - Power pack BW-2
  - Up to 750 bar