

EN



Product Programme Construction 2020 Machines and Diamond Tools

2020

Premium grinding tools since 1919
www.tyrolit.com

TYROLIT

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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



MoveSmart
TECHNOLOGY
powered by ToolSense

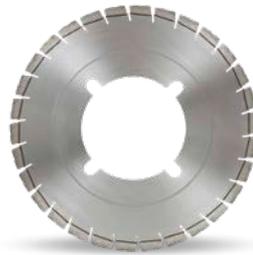


Grooving & grinding



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 high, 25.4 t weight
- + CE certified



★★★
PREMIUM

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



★★★
PREMIUM

DME19DP

Up to Ø 162 mm

1.8 kW

with percussion



★★
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

DME24MW/UW

Up to Ø 250 mm

2.2 kW

3 gears



★★★
PREMIUM

DME33MW/UW

Up to Ø 450 mm

3.3 kW

3 gears



★★★
PREMIUM

DME52UW

Up to Ø 500 mm

5.2 kW

3 gears



★★★
PREMIUM

DGB1000

Drilling gearbox

Up to Ø 1 000 mm

Hydraulic and electric

Core drill bits

Wet



★★★
PREMIUM

CD

CDL/CDL-C2/CDM
TGD®-Technologie from Ø 47 mm

CD660/CD640/CD840/CDXM/H

Ø 10 – 1300 mm

roof segments from Ø 32 mm



★★
STANDARD

★
BASIC

CD

STANDARD: CDL/CDM
BASIC: B1/B1M

Ø 32 – 1300 mm

Roof segments

Dry



★★★
PREMIUM

★★
STANDARD

★
BASIC

DDL

PREMIUM TGD®:
DDL / DDL-HH / DDL-RM
STANDARD & BASIC: DDL

Ø 32 – 300 mm

rig mounted (RM) | handheld (HH)



★★★
PREMIUM

DDE

DDE

Ø 68 mm, 82 mm

TGD®-Technologie

Core drill rigs



★★ STANDARD **DRS162**

Up to Ø 162 mm

Drill system

incl. 2.5 kW drill motor



★★ STANDARD **DRS250**

Up to Ø 250 mm

Drill system

incl. 2.5 kW drill motor



★★ STANDARD **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

Tile drill-sets



★★★ PREMIUM **Tile drill-sets**

HEX Ø 5-14 M14 Ø20+ XL
Kit HEX M14

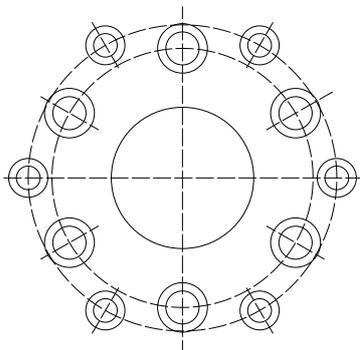
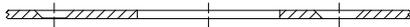


★★★ PREMIUM **Paraffin Tile drills**

HEX Ø 5, 6, 8, 10, 12, 14 mm
individual or as a set

Wall sawing

Product highlights



★★★
PREMIUM

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

★★★
PREMIUM

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



★★★
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



★★★
PREMIUM

WSE2226

Up to Ø 2200 mm

26 kW (P2®-Technology)

Electric



DZ-S2

Up to Ø 1200 mm

Ideal for 20 kW power pack

Hydraulic

Wall saw blades



FZ-4S

Up to Ø 2200 mm

Ideal for 40 kW power pack

Hydraulic



★★★
PREMIUM

WS

WSL-FC, WSL-FC-LL, WSL,
WSL-SILENT, WSM, WSM-SILENT,
WSL-DC

Ø 450 – 2200 mm

TGD®-Technology up to 1600 mm
ab Q2 2020



★★
STANDARD

WS

WSL, WSM, WSM-FC

Ø 600 – 1200 mm

TGD®-Technology up to 1200 mm

Wall saw accessories



Rails

Aluminium rails

Steel rails



Trestles & Stopper

Swivel rail trestles, stopper



Blade Guard

Blade guard All-in-One



Blade Guard WSE1621

Blade guard All-in-One linear

Wire sawing Product highlights



★★★
PREMIUM

WCU17

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



★★★
PREMIUM

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



★★★ PREMIUM **SB-E | SB**

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



★★★ PREMIUM **WCE18**

Gross wire length 19 m
Electric



★★★ PREMIUM **WCU17**

Gross wire length 17 m
Electric and hydraulic



★★★ PREMIUM **CCE/H25**

Circular wire saw, Ø 500 – 2,500 mm
Electric and hydraulic

Diamond wire Concrete



★★★ PREMIUM **DW**

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



★★ STANDARD **DW**

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

Steel



★★★ 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 saws



★★★
PREMIUM

FSG513

Up to Ø 450 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



★★
STANDARD

FSD930

Up to Ø 900 mm

22 kW

Diesel



★★★
PREMIUM

FSD1049

Up to Ø 1000 mm

36 kW

Diesel



★★
STANDARD

FSE1240

Up to Ø 1200 mm

30 kW

Electric



★★★
PREMIUM

FSD1274 3-GEAR

Up to Ø 1200 mm

55 kW

Diesel

Floor saw blades

Cured concrete



★★★ PREMIUM **FS-C**

FSL, FSM, FSH-C, FSX-C3

Ø 350 – 1200 mm

TGD®-Technology



★★★ PREMIUM **FSC**

Ø 300 – 800 mm

For low powered machines

Asphalt



★★★ PREMIUM **FS-A**

FSL-A, FSM-A, FSH-A

Ø 300 – 1200 mm



★★★ PREMIUM **FSA**

Ø 300 – 800 mm

Green concrete



★★★ PREMIUM **FS-G**

FSL-G3/G4 | FSM-G3/G4/G5

Ø 300 – 600 mm



Chamfering

For various widths of joints

Chamfer cutter 45°

Diameter 280 mm, two-part

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

NEW



★★★ **PREMIUM** **Universal**

DCU TGD® Ø 230 – 400 mm

DCU Ø 115 – 400 mm

Ø 400 mm for flush cutting

Also in DCE-SILENT in TGD®



★★ **STANDARD** ★ **BASIC** **Universal**

DCU

Ø 105 – 400 mm

Ø 400 mm for flush cutting

Also in FC

NEW



★★★ **PREMIUM** **Hard Stone**

DCH Ø 115 – 125 mm

DCH TGD® Ø 230 – 400 mm

DCH TGD® Ø 400 mm for flush cutting

Also in FC



★ **BASIC** **Hard Stone**

DCH

Ø 115 – 350 mm

NEW



★★★ **PREMIUM** **Concrete**

DCC

Ø 115 – 400 mm

Also in FC



★★ **STANDARD** **Concrete**

DCC

Ø 115 – 400 mm

Also in LL

NEW



★★★ **PREMIUM** **Asphalt & Concrete**

DCA+C

Ø 115 – 450 mm



★★ **STANDARD** ★ **BASIC** **Abrasiv**

STANDARD: DCA

BASIC: DCA, DCAB

Ø 115 – 450 mm

Cup grinder



★★★ **PREMIUM** ★ **BASIC** **Tiles & Marble**

PREMIUM: DCT, DCM

BASIC: DCT, DCM

Ø 100 – 350 mm



★★★ **PREMIUM** ★★ **STANDARD**

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

Specials



★★★ **PREMIUM** **DCCI COMBI**

DCCI Combi for plastic pipes

Ø 125

Brick grinder



DGBM / H / X

Brick grinder for hollow bricks

Ø 500 – 900 mm

TGD®-Technology

Ring and hand sawing

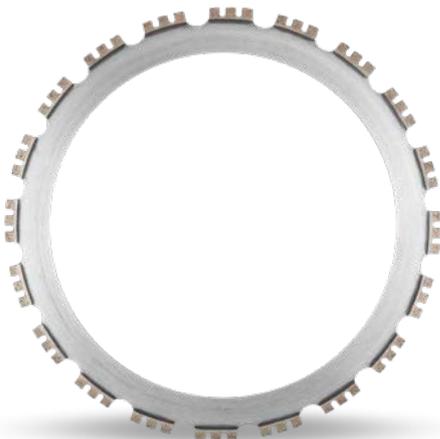
Product highlights



★★★
PREMIUM

HRE410

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



★★★
PREMIUM

RSL-FC

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

Hand saws



★★★
PREMIUM **HBE350**

Up to Ø 355 mm
Cutting depth up 125 mm
Integrated dust extraction connection



★★★
PREMIUM **HBE400**

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



★★★
PREMIUM **HRE410**

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

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**

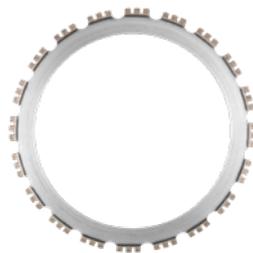
HSX-FC
Ø 416 mm
TGD®-Technology

Ring saw blades



★★★
PREMIUM **RS**

RSL & RSM
Ø 366 – 506 mm



★★★
PREMIUM **RSL**

RSL-FC & RSL-C
Ø 306 – 406 mm

Cellular concrete band saw

Product highlights



★★
STANDARD

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



★★★
PREMIUM **TRE250**

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



★★
STANDARD **TBE400**

Masonry saw
Up to Ø 400 mm
Swivelling saw head



★★★
PREMIUM **TME700**

Masonry saw
Up to Ø 700 mm
Mitre stop



★★★
PREMIUM **TME1000**

Masonry saw
Up to Ø 1 000 mm
Mitre stop

Table saw blades



★★★
PREMIUM **TSU/TSU-SILENT**

Universal
Ø 250 – 1000 mm



★★★
PREMIUM **TSH/TSH-SILENT**

Hard stone
Ø 300 - 350 mm



★★★
PREMIUM **DCT**

Tiles
Ø 180 – 350 mm



★★★
PREMIUM **ES-T**

Marble
Ø 250 – 350 mm

Circular concrete band saw



★★
STANDARD **TBS510**

Cutting height up to 510 mm
Quick fastening band saw change

Floor grinding



FGE250

Grinding width 250 mm

2.2 kW

Swivelling grinding head



FGE400

Grinding width 400 mm

4 kW

Single grinding head



FGE450

Grinding width 450 mm

2.2 kW

3 grinding heads



FGE530

Grinding width 530 mm

4 kW

3 grinding heads

Floor grinding tools



S-LINE

Soft concrete

Single- and double segments

For Schwaborn ETX1 & ETX2, HTC EZchange™, Husqvarna REDI LOCK®



M-LINE

Moderately hard concrete

Single- and double segments

For Schwaborn ETX1 & ETX2, HTC EZchange™, Husqvarna REDI LOCK®



H-LINE

Hard concrete

Single- and double segments

For Schwaborn ETX1 & ETX2, HTC EZchange™, Husqvarna REDI LOCK®



X-LINE

Extremely hard concrete

Single- and double segments

For Schwaborn ETX1 & ETX2, HTC EZchange™, Husqvarna REDI LOCK®



C-LINE

Removing

Single- and double segments

For Schwaborn ETX1 & ETX2, HTC EZchange™, Husqvarna REDI LOCK®

Grinding wheel depictions are sample images

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

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

Presses



★★★ PREMIUM **CP-110/BTH350**

Pressing force 108 / 260 t
 3 / 2 cylinder strokes



★★★ PREMIUM **Power pack AU**

Up to 2,000 bar

Crushers



★★★ PREMIUM **Crusher BZ**

For wall thicknesses of 120 – 300 mm



★★★ PREMIUM **Power pack BW-2**

Up to 750 bar

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Our **worldwide subsidiary companies** can be found
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