



Diamond tools and machines for the construction industry

Wall sawing | English

Premium grinding tools since 1919
www.tyrolit.com

TYROLIT



Wall saw blades

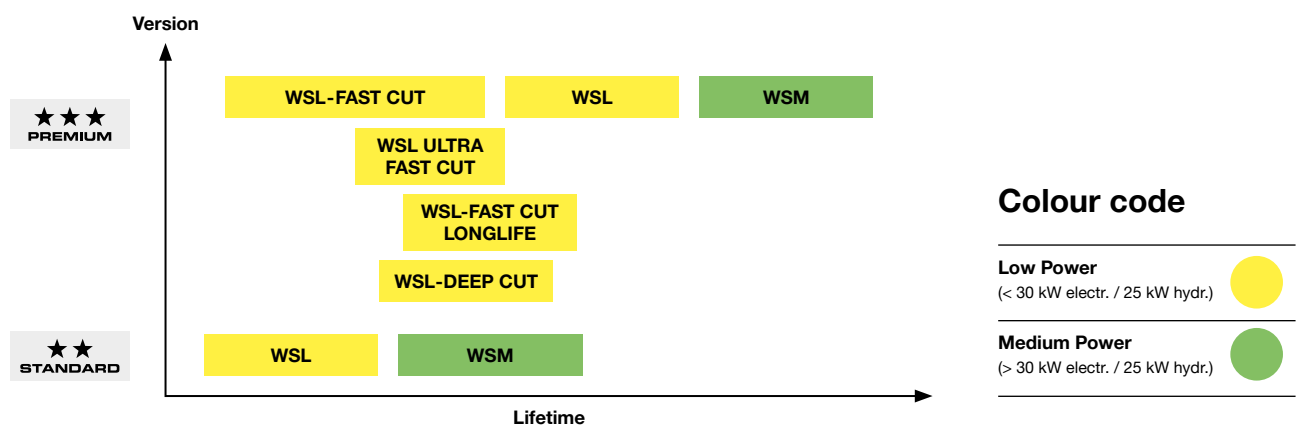
Decades of experience in the production and application of wall saw blades and machines give Tyrolit the edge in the marketplace.

The Tyrolit wall saw blades and machines system provides on one side innovative solutions for large scale projects and enables cost effective results for everyday construction use on the other side. Especially suitable

for apertures and openings in walls or ceilings for concrete with or without reinforcement and wall thicknesses up to 100 cm. Tyrolit wall saw blades are designed to work flawlessly with

Tyrolit Hydrostress machines. Wall sawing is a nearly vibration-free process that protects the buildings structure.

Application recommendation & information Tyrolit wall saw blades



Recommendations

- + Highest levels of performance at peripheral speeds of 35–45 m/s on concrete
- + The correct coolant quantity is also important for optimum cutting performance
- + The machine safety and user instructions must be read and understood before starting work
- + The safety manual will be sent to you on request

Drive holes

Drive holes	Producer	Machines	H	N1	TKD1	BD1	AD1	K	N2	TKD2	BD2	AD2
12M109	Tyrolit	WSE1621, WSE2226, WSE1217, DZ-S2, WZ, FZ-4S* (Not for WSE811 MKII and EX)	60	6	80	10	-	x	6	130	10	16,5 (E ≥ 3,5)
6M247	Tyrolit	WSE1621, WSE2226, WSE1217, DZ-S2, WZ, FZ-4S* (Not for WSE811 MKII and EX)	60	6	130	10	17	-	-	-	-	-
6M199	Tyrolit	WSE811 MKII and EX	60	6	90	10,5	16	-	-	-	-	-
12M255	Tyrolit & HILTI / HUSQVARNA	Tyrolit (Not for WSE811 MKII and EX) & HILTI / HUSQVARNA since 1998 (Not for WS220HF and DS TS 5-SE)	60	6	110	≥ 10,5	21	-	6	130	10	16,5
6M207	HILTI / HUSQVARNA	HUSQVARNA WS "new" (since 1998) (Not for WS220HF) HILTI DS-TS-22 / 30 / 32 "new" (since 1998) DST 10-CA, DST 20-CA (electr.) (Not for DS TS 5-SE)	60	6	110	14	21	-	-	-	-	-
12M112	Tyrolit	Tyrolit, only in Scandinavia	60	6	80	10	-	x	6	108	10,5	20,5
12M221	PENTRUDE	Flange QEF60-108, e.g. LINDGREN	60	6	80	10	-	x	6	108	10	20
6M225	PENTRUDE	Flange QEF60-130, e.g. HYDROTEC	60	6	130	10	17	-	-	-	-	-

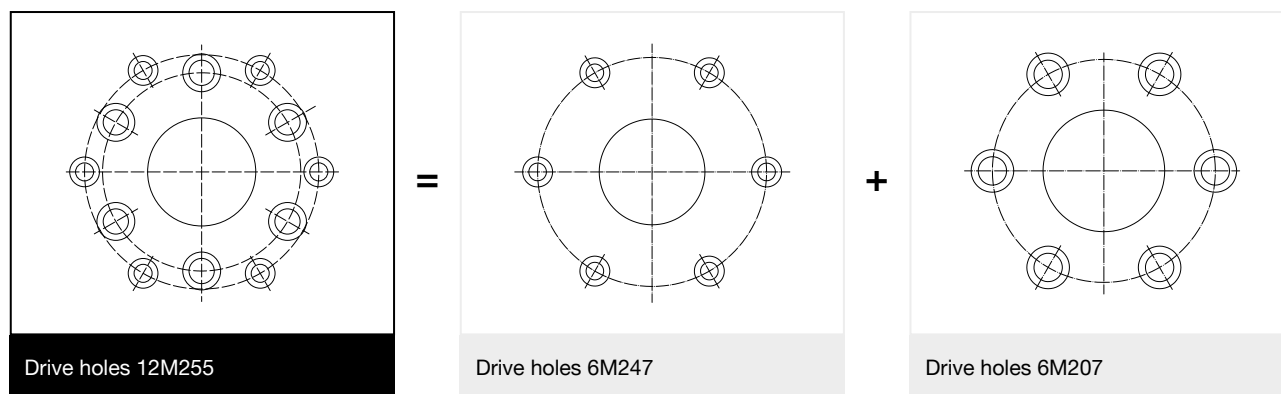
Legend

H	Main hole
N	Number of holes
TKD	Pitch diameter
BD	Diameter of the through hole
AD	Outer diameter of the counterbore

K	Cooling hole
*	Blade flange ST cpl. (10977882)

Bores and drive holes for special machines on request.
Details in the table in mm.

Drive holes 12M255



Combination for Tyrolit wall saw heads in Central Europe (except WSE811 MKII) and HILTI / HUSQVARNA wall saw heads

For Tyrolit wall saw heads in Central Europe (except WSE811 MKII)

For HILTI / HUSQVARNA wall saw heads

6M247 = 12M109
without cooling drive holes



Selection

Quality tools for the most demanding applications and maximum economic efficiency. Laser welded TGD® segments up to incl. Ø 1 200 mm for maximum safety. Noise-reduced version of the steel cores (SILENT edition) available.

WSL-ULTRA FAST CUT Wall saw blades

in TGD®-Technology

+ Consistently very fast cutting performance and noticeable smooth running with TGD®-Technology (Tyrolit GRAIN DISTRIBUTION), a unique technology developed by Tyrolit for the optimised distribution of grain.



+ Highest stock removal rate

For machines up to 20 kW electric / 20 kW hydraulic. Highest cutting performance. Highly recommended for normal infeed depths and very strong reinforcement.



WSL-ULTRA FAST CUT Wall saw blades in TGD®-Technology



	Shape	Type number	Dimension	Drive holes	Segment height
	C7W	34589294	600 × 4.9 × 60	12M255	13
		34589287	650 × 4.9 × 60	12M255	13
		34589790	700 × 4.9 × 60	12M255	13
		34589811	800 × 4.9 × 60	12M255	13
		34589812	825 × 4.9 × 60	12M255	13
		34589813	925 × 4.9 × 60	12M255	13
		34589814	1025 × 4.9 × 60	12M255	13
		34589815	1200 × 4.9 × 60	12M255	13

● = low

● = medium





WSL-FAST CUT Wall saw blades in TGD®-Technology



For machines up to 20 kW electric / 20 kW hydraulic.
Extremely high cutting performance.

Highly recommended for heavy reinforcement.



	Shape	Type number	Dimension	Drive holes	Segment height
	 C7W	34336798	600 × 4.9 × 60	6M199	13
		34497746	600 × 4.9 × 60	12M255	13
		34378038	650 × 4.4 × 60	6M199	13
		34549337	650 × 4.9 × 60	12M255	13
		34378037	750 × 4.4 × 60	6M199	13
		34478330	800 × 4.4 × 60	12M255	13
		34541416	800 × 4.9 × 60	12M255	13
		34377291	825 × 3.9 × 60	6M199	13
		34377152	825 × 4.4 × 60	6M199	13
		34475637	825 × 4.4 × 60	12M255	13
		34475635	825 × 4.9 × 60	12M255	13
		34549162	925 × 4.4 × 60	12M255	13
		34549338	925 × 4.9 × 60	12M255	13
		34479554	1000 × 4.4 × 60	12M255	13
		34475636	1025 × 4.4 × 60	12M255	13
		34496902	1025 × 4.9 × 60	12M255	13
		34497747	1200 × 4.4 × 60	12M255	13



WSL-FAST CUT-LONGLIFE Wall saw blades in TGD®-Technology



For machines up to 20 kW electric / 20 kW hydraulic. Easy to cut, smooth running and longer lifetime than WSL-FAST CUT.
Excellent for heavy reinforcement.



	Shape	Type number	Dimension	Drive holes	Segment height
	 C71W	34336749	600 × 3.9 × 60	6M199	13
		34549616	600 × 4.9 × 60	12M255	13
		34549620	650 × 4.9 × 60	12M255	13
		34475692	800 × 4.9 × 60	12M255	13
		34475693	825 × 4.4 × 60	12M255	13
		34493780	825 × 4.9 × 60	12M255	13
		34549618	925 × 4.4 × 60	12M255	13
		34475694	1025 × 4.4 × 60	12M255	13
		34493779	1025 × 4.9 × 60	12M255	13
		34549617	1200 × 4.4 × 60	12M255	13



WSL Wall saw blades in TGD®-Technology



For machines up to 30 kW electric / 25 kW hydraulic. Universal wall saw blade with high cutting performance and long lifetime.



	Shape	Type number	Dimension	Drive holes	Segment height
	 C71W	34018259	600 × 3.9 × 60	6M199	13
		34301250	600 × 4.4 × 60	12M255	13
		34279357	600 × 4.9 × 60	6M225	13
		34018309	600 × 4.9 × 60	12M112	13
		34275378	600 × 4.9 × 60	12M255	13
		34195250	650 × 3.9 × 60	6M199	13
		34195301	650 × 4.4 × 60	6M199	13
		34048045	650 × 4.9 × 60	6M225	13
		34199529	650 × 4.9 × 60	12M255	13
		34186374	700 × 3.9 × 60	6M225	13
		34018269	750 × 3.9 × 60	6M199	13
		34195304	750 × 4.4 × 60	6M199	13
		34359379	800 × 3.9 × 60	12M255	13
		34075186	800 × 4.4 × 60	6M225	13
		34254745	800 × 4.4 × 60	12M255	13
		34234690	800 × 4.9 × 60	6M225	13
		34018313	800 × 4.9 × 60	12M112	13
		34549511	825 × 3.9 × 60	12M255	13
		34208097	825 × 4.4 × 60	12M255	13
		34168251	825 × 4.9 × 60	12M255	13
		34194330	900 × 4.9 × 60	12M255	13
		34254746	925 × 4.4 × 60	12M255	13
		34549515	925 × 4.9 × 60	12M255	13
		34234733	1000 × 4.4 × 60	6M225	13
		34018298	1000 × 4.4 × 60	12M112	13
		34232142	1025 × 4.4 × 60	12M255	13
		34430930	1025 × 4.9 × 60	12M255	13
		34179916	1200 × 4.4 × 60	6M225	13
		34018304	1200 × 4.4 × 60	12M112	13
		34194331	1200 × 4.4 × 60	12M255	13



WSM Wall saw blades in TGD®-Technology



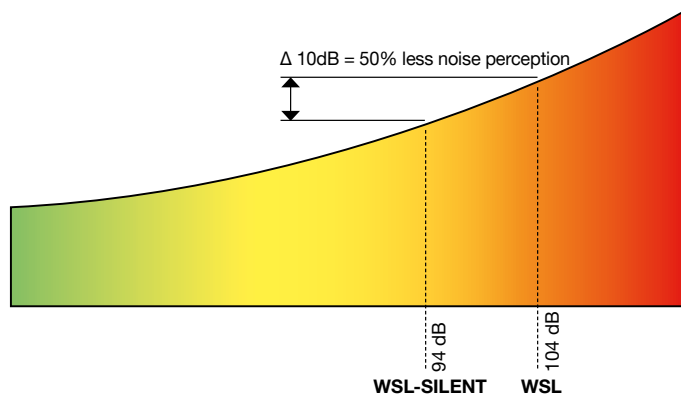
For machines from 20 kW electric / 25 kW hydraulic. Highly recommended for strong machines and abrasive materials.

	Shape	Type number	Dimension	Drive holes	Segment height
	 C71W	34549642	600 × 4.4 × 60	12M255	13
		34018208	600 × 4.4 × 60	12M112	13
		34549643	650 × 4.4 × 60	12M255	13
		34244855	650 × 4.9 × 60	12M255	13
		34018224	650 × 4.9 × 60	12M112	13
		34549644	700 × 4.4 × 60	12M255	13
		34018227	700 × 4.4 × 60	12M112	13
		34549645	750 × 4.4 × 60	12M255	13
		34018229	750 × 4.4 × 60	12M112	13
		34549646	800 × 4.4 × 60	12M255	13
		34018241	800 × 4.4 × 60	12M112	13
		34517568	800 × 4.9 × 60	12M255	13
		34018243	800 × 4.9 × 60	12M112	13
		34244861	825 × 4.4 × 60	12M255	13
		34244853	825 × 4.9 × 60	12M255	13
		34549648	925 × 4.4 × 60	12M255	13
		34549649	1000 × 4.4 × 60	12M255	13
		34018251	1000 × 4.4 × 60	12M112	13
		34244857	1025 × 4.4 × 60	12M255	13
		34549647	1025 × 4.9 × 60	12M255	13
34244856	1200 × 4.4 × 60	12M255	13		
34018255	1200 × 4.4 × 60	12M112	13		

WSM wall saw blades in 5.4, 5.9 and 6.5 mm segment width on request. For the perfect precut.

SILENT Wall saw blades

Noise-damped steel cores for optimum vibration damping. Ideal for use in noise-sensitive areas. The 10 decibel reduction in noise level is perceived by humans as a 50% noise reduction.





Even if the noise is perceived to be reduced by 50%, the prescribed personal protective equipment (PPE) must be used during the operation.







WSL-SILENT Wall saw blades
in TGD®-Technology









For machines up to 20 kW electric. High cutting performance with long lifetime.

Shape	Type number	Dimension	Drive holes	Segment height
  C71GW	34018152	600 × 4.4 × 60	6M199	13
	34253285	600 × 4.4 × 60	6M225	13
	34359351	600 × 4.4 × 60	6M247	13
	34359353	600 × 4.9 × 60	6M247	13
	34018159	600 × 4.9 × 60	12M112	13
	34195471	650 × 4.4 × 60	6M199	13
	34287229	650 × 4.4 × 60	6M225	13
	34549638	650 × 4.9 × 60	6M247	13
	34018166	700 × 4.4 × 60	12M112	13
	34195605	750 × 4.4 × 60	6M199	13
	34197742	800 × 4.4 × 60	6M207	13
	34253286	800 × 4.4 × 60	6M225	13
	34359356	800 × 4.4 × 60	6M247	13
	34018170	800 × 4.4 × 60	12M112	13
	34359358	800 × 4.9 × 60	6M247	13
	34018174	800 × 4.9 × 60	12M112	13
	34040269	825 × 4.4 × 60	6M207	13
	34366463	825 × 4.4 × 60	6M247	13
	34444588	825 × 4.9 × 60	6M247	13

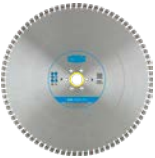









WSL-SILENT Wall saw blades
 in TGD®-Technology
 


	Shape	Type number	Dimension	Drive holes	Segment height
		34018177	1000 × 4.4 × 60	12M112	13
		34444590	1025 × 4.4 × 60	6M247	13
		34359373	1200 × 4.4 × 60	6M247	13
		34018183	1200 × 4.4 × 60	12M112	13





WSL-FAST CUT-LONGLIFE-SILENT Wall saw blades
 in TGD®-Technology
 


For machines up to 20 kW electric. Very high cutting performance and lifetime.

	Shape	Type number	Dimension	Drive holes	Segment height
		C71 34549636	825 × 4.4 × 60	6M247	13
		34549635	825 × 4.9 × 60	6M247	13
		34549634	825 × 5.9 × 60	6M247	13
		34549398	1025 × 4.4 × 60	6M247	13
		34549637	1200 × 4.4 × 60	6M247	13



WSM-SILENT Wall saw blades
 in TGD®-Technology
 


For machines up to 20 kW electric. Ideal for abrasive materials.

	Shape	Type number	Dimension	Drive holes	Segment height
		C71GW 34242048	600 × 4.4 × 60		13
		34419194	650 × 4.9 × 60		13
		34356569	700 × 4.4 × 60		13
		34549654	750 × 4.4 × 60	6M247	13
		34242053	800 × 4.4 × 60		13
		34475704	825 × 4.4 × 60	6M247	13
		34242054	1000 × 4.4 × 60		13
		34475705	1025 × 4.4 × 60	6M247	13

 = low

 = medium



Selection

Quality tools for daily use. Cutting speed and lifetime in a convincing ratio.
Laser-welded TGD® segments up to incl. Ø 1 200 mm for highest safety.

WSL Wall saw blades

in TGD®-Technology

+ **TGD®-Technology** (Tyrolit GRAIN DISTRIBUTION), a unique technology developed by Tyrolit for the optimised distribution of grain.





+ **Convincing ratio of cutting performance and lifetime.**

For machines up to 20 kW electric / 20 kW hydraulic.



WSL Wall saw blades in TGD®-Technology







	Shape	Type number	Dimension	Drive holes	Segment height
	 C7W	34359385	600 × 3.9 × 60	12M255	13
		34017389	600 × 4.4 × 60	12M112	13
		34313605	600 × 4.4 × 60	12M255	13
		34017402	600 × 4.9 × 60	12M112	13
		34359386	600 × 4.9 × 60	12M255	13
		34195305	650 × 3.9 × 60	6M199	13
		34195307	650 × 4.4 × 60	6M199	13
		34549400	650 × 4.9 × 60	12M255	13
		34359389	700 × 4.4 × 60	12M255	13
		34017404	750 × 3.9 × 60	6M199	13
		34017406	800 × 4.4 × 60	12M112	13
		34359391	800 × 4.4 × 60	12M255	13
		34359392	800 × 4.9 × 60	12M255	13
		34542169	825 × 3.9 × 60	12M255	13
		34017408	825 × 4.4 × 60	12M112	13
		34325781	825 × 4.4 × 60	12M255	13



★ ★
STANDARD

● WSL Wall saw blades
in TGD®-Technology



Shape	Type number	Dimension	Drive holes	Segment height
 	34506340	825 × 4.9 × 60	12M255	13
	34017412	1000 × 4.4 × 60	12M112	13
	34359393	1000 × 4.4 × 60	12M255	13
	34444641	1025 × 4.4 × 60	12M255	13
	34017416	1200 × 4.4 × 60	12M112	13
	34359394	1200 × 4.4 × 60	12M255	13

★ ★
STANDARD

● WSM Wall saw blades
in TGD®-Technology




For machines from 20 kW electric / 25 kW hydraulic. Good cutting performance in a convincing ratio to lifetime.

Shape	Type number	Dimension	Drive holes	Segment height	
 	C7W	34549420	600 × 4.4 × 60	12M255	13
	34017419	600 × 4.4 × 60	12M112	13	
	34549421	650 × 4.9 × 60	12M255	13	
	34549422	750 × 4.4 × 60	12M255	13	
	34017424	750 × 4.4 × 60	12M112	13	
	34017428	825 × 4.4 × 60	12M112	13	
	34436519	825 × 4.4 × 60	12M255	13	
	34475713	825 × 4.9 × 60	12M255	13	
	34549423	925 × 4.4 × 60	12M255	13	
	34549424	925 × 4.9 × 60	12M255	13	
	34017433	1000 × 4.4 × 60	12M112	13	
	34017435	1025 × 4.4 × 60	12M112	13	
	34475714	1025 × 4.4 × 60	12M255	13	
	34485561	1025 × 4.9 × 60	12M255	13	
	34485500	1200 × 4.4 × 60	12M255	13	
	34017438	1200 × 4.4 × 60	12M112	13	

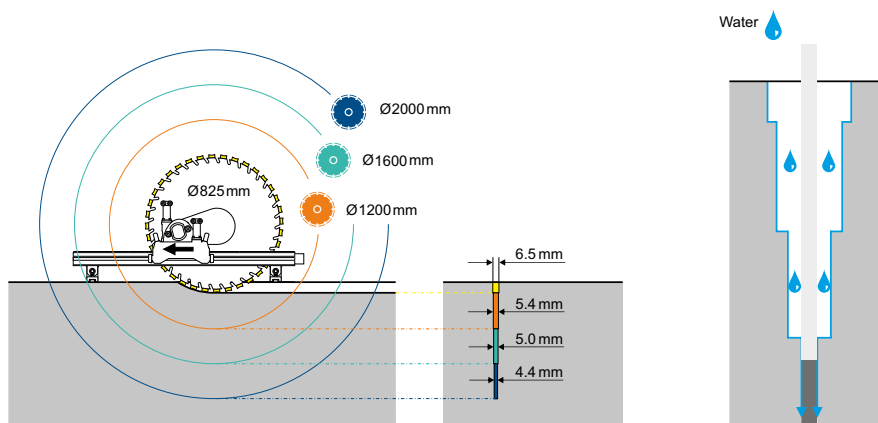
● = low

● = medium

DEEP CUT Wall saw blades

The WSL-DEEP CUT series: It provides wide segments at the beginning and can go blade wise narrower to the wanted cutting depth. This ensures a good opening on both sides of the steel core and for his reason the cooling water reaches the diamond segment in a good manner. Diameters of up to 2 500 mm are available on request.

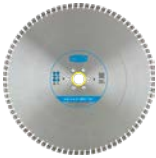


WSL-DEEP CUT Wall saw blades



WSL-DEEP CUT Wall saw blades
in TGD®-Technology



For machines from 17 kW electric / 20 kW hydraulic. Quality tools for the greatest cutting depths in wall sawing.

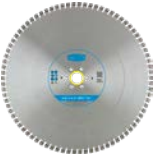

	Shape	Type number	Dimension	Drive holes	Segment height
	 C7W Laser welded segments with TGD®-Technology	34415642	825 × 5.9 × 60	12M255	13
		34497741	825 × 6.5 × 60	12M255	13
		34521389	1025 × 5.4 × 60	12M255	13
		34422925	1200 × 4.9 × 60	12M255	13
		34497743	1200 × 5.4 × 60	12M255	13
		NEW 34541790	1600 × 4.4 × 60	12M255	13
 C4 Brazeed segments		34415649	1400 × 4.4 × 60	12M255	13
		34379300	1500 × 4.4 × 60	12M109	13
		34488100	1500 × 4.4 × 60	12M255	13
		34379257	1600 × 4.4 × 60	12M109	13
		34488121	1600 × 4.4 × 60	12M255	13
		34450071	1600 × 5 × 60	12M109	13
		34450072	1600 × 5.6 × 60	12M109	13





WSL-DEEP CUT Wall saw blades in TGD®-Technology



	Shape	Type number	Dimension	Drive holes	Segment height
	 C4	34379258	1800 × 4.4 × 60	12M109	13
		34488122	1800 × 4.4 × 60	12M255	13
		34379341	2000 × 4.4 × 60	12M109	13
		34379342	2200 × 4.4 × 60	12M109	13
		34500293	2200 × 4.4 × 60	12M255	13

WSL-DEEP CUT up to Ø 1 200 mm in 5.4, 5.9 and 6.5 mm segment widths possible.
From Ø 1 350 mm in 5.0 and 5.6 mm segment widths.
For optimum gradation of the deep cut set.

● = low

● = medium



Compatibility overview

Wall saws



10990000
Wall saw
WSE1621



10996800
Wall saw
WSE2226QC



10984000
Wall saw
DZ-S2



10982000
Wall saw
WZ



999226
Wall saw
FZ-2ST

10997955	Electric main drive WSE1621	● **				
11002700	Electric control unit WSE1621	●				
10986800	Electric main drive WSE2226		●			
10986700	Electric control unit WSE2226		●			
10981719	Transport trolley	●	●			
10984099	Blade guard 800 mm 3 parts All-In-One	●	● **	●	●	●
10997700	Blade guard 800 mm 3 parts AIO Linear	●				
10984100	Blade guard 1 000 mm 3 parts All-In-One		● **	●	●	●
10999200	Blade guard 1 000 mm 3 parts AIO Linear	●				
10984101	Blade guard 1 200 mm 3 parts All-In-One	●	● **	●	●	●
10999400	Blade guard 1 200 mm 3 parts AIO Linear	●				
977606	Blade guard 1 600 mm 2 parts	●	●		●	●
976184	Blade guard 2 200 mm 2 parts		●			
10989200	Blade guard 1 200 mm All-In-One CL		●			
10982079	VAS G Track 1 100 mm Alu	●	●	●	●	● *
10982105	VAS G Track 1 650 mm Alu	●	●	●	●	● *
10982106	VAS G Track 1 925 mm Alu	●	●	●	●	● *
10981818	VAS G Track 2 200 mm Alu	●	●	●	●	● *
974398	V-Track VS 700 mm Steel	●	●	●	●	●
974400	V-Track VS 1 100 mm Steel	●	●	●	●	●
974402	V-Track VS 1400 mm Steel	●	●	●	●	●
974404	V-Track VS 1 800 mm Steel	●	●	●	●	●
974406	V-Track VS 2 200 mm Steel					

* up to max. 25 kW

** mount with adapter

★★★
PREMIUM

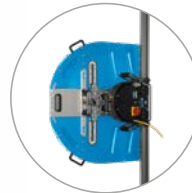


Wall Saw WSE811 MKII

Cutting depths up to 335 mm



Compact,
fully integrated design



Light and sturdy:
Tracks and blade guard



Handy radio remote control

The WSE811 MKII is the lightest wall saw in its power range in the world. Both installation and disassembly are realised in a glimpse thanks to its integrated design with only one cable and one hose. Combined with the perfected electronic feed control the impressive

power of the ultra-compact P2® motor delivers an unmatched cutting performance within the 16A range! Along with the new dedicated blade guard and sturdy and proven tracks the WSE811 MKII makes the dedicated gear for the vast majority of jobs with plenty of spare power.

System & Accessories



Technical data

Saw blade	
Max. cutting depth	335 mm
Max. saw blade Ø	825 mm
Free detachable up to Ø	700 mm
Blade flange mounting	Central screw
Saw blade fixing (flush cuts)	6 countersunk head screws, 90 mm graduated circle

Electric motor and control unit

Water-cooled high-frequency motor	
Nominal power (16 A)	11 kW
Motor power S1 (16 A)	9 kW
Voltage	400 V
Frequency	50 Hz / 60 Hz

Weight

Wall Saw WSE811 MKII	26 kg
Blade guard WSE811 MKII AIO 825	14 kg
Track EX 1100 mm	6.3 kg
Track EX 2200 mm	12.6 kg
Transport trolley WSE811 MKII	14.5 kg

System & Accessories

Wall saw system WSE811 MKII	
10995000	Wall saw WSE811 MKII
10978640	Track EX 1 100 mm
10978879	Track EX 2 200 mm
10980156	Rotary rail support EX
10980156	Rotary rail support EX
10980156	Rotary rail support EX
10994800	Blade guard WSE811 MKII AIO 825 mm
10998781	Transport trolley WSE811

Accessories

10980260	Track connector EX
10983408	Swivel-stairs track foot EX
10980264	Track stop EX

★★★
PREMIUM

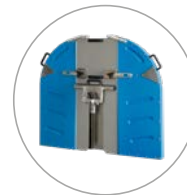


Wall saw WSE1621

Cutting depths up to 705 mm



Tool-free motor fastening



Light and sturdy:
Blade guard



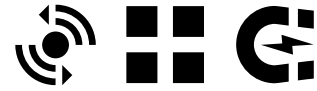
Compact and light control
unit, handy remote control
with display

The WSE1621 was developed for universal usage and the daily use on the construction site. Thanks to the digital features and the compact and light design, this newly developed system is setting new standards in wall sawing. Assembly and disassembly are done

in an instant thanks to the ultralight blade guard and the tool-free motor fastening. The radio remote control comes with a display informing the user about all important details during cutting. The game-changing P2® Technology allows for outstanding reliability

combined with optimized power. Apart from wall sawing, this wall saw's motor and control unit can also be used for wire sawing and drilling.

System & Accessories



Technical data

Saw blade	
Max. cutting depth	705 mm
Max. saw blade Ø	1 600 mm
Free detachable up to Ø	900 mm
Blade flange mounting	Quick-release flange
Saw blade fixing (flush cuts)	6 countersunk head screws, 130 mm graduated circle

Electric motor

Water-cooled high-frequency motor	
Nominal power (32 A)	20 kW
Motor power S1 S1 (32 A)	17 kW
Voltage	400–480 V
Frequency	50 / 60 Hz

Weight

Wall Saw WSE1621	23.5 kg
Electric main drive motor WSE1621	15 kg
Electric control unit WSE1621	16.5 kg
Radio remote control WSE1621	1.8 kg
Blade guard 1 000 mm AIO Linear	21.5 kg
Track VAS G 1 100 mm	9.4 kg
Track VAS G 1 650 mm	15 kg
Track VAS G 1 925 mm	16.2 kg
Track VAS G 2 200 mm	18.4 kg
Transport trolley WSE1621	21 kg

System & Accessories

Wall saw system WSE1621	
10990000	Wall Saw WSE1621
10997955	Electric main drive motor WSE1621 400–480 V / 50 Hz
11002700	Electric control unit WSE1621 400–480 V / 50 Hz incl. radio remote control
10992200	Transport trolley WSE1621
10999200	Blade guard 1 000 mm AIO Linear
10982079	VAS G Track 1 100 mm alu
10981818	VAS G Track 2 200 mm alu
977523	Track connector for VAS- and VS-tracks
965987	V-Track feet alu, flat
965987	V-Track feet alu, flat
965987	V-Track feet alu, flat
10980346	Tool box

Accessories

10997700	Blade guard 800 mm AIO Linear
10999400	Blade guard 1 200 mm AIO Linear
977606	Blade guard 1 600 mm 2 pcs.
10998282	Blade guard uptake 1 600 mm
10998500	Blade guard uptake AIO Ø800
11000361	Blade guard uptake AIO Ø1 000
10998285	Blade guard uptake AIO Ø1 200
10977882	Blade flange ST cpl.
961983	V-Swivel track feet
10977452	V-Rotary rail support compl.
10981719	Transport trolley small
10999403	Blade flange ST cpl. dry cutting



Wall saw WSE2226QC

Cutting depths up to 1 005 mm



Optimum torque and rotational speeds thanks to the innovative drive concept with 2-speed transmission



A user-friendly motor quick-connection fastener facilitates handling in difficult assembly conditions



Cool water bypass for dry cutting

Developed for the toughest and most exacting applications thanks to a cutting depth of up to 1 005 mm, which is unique worldwide, the WSE2226QC wall saw is particularly suitable for major cutting tasks. The pioneering P2® drive concept enables

the combination of extreme reliability and optimum performance with low service requirements and reduced service costs. The standard remote control and the motor quick-connection fastener enhance ease of use and safety at the workplace.

System & Accessories



Technical data

Saw blade	
Max. cutting depth	1 005 mm
Max. saw blade Ø	2 200 mm
Free detachable up to Ø	1 025 mm
Blade flange mounting	Quick-release flange
Saw blade fixing (flush cuts)	6 countersunk head screws, 130 mm graduated circle

Electric motor

Water-cooled high-frequency motor	
Nominal power	26 kW
Motor power	22 kW

Control unit

Voltage	400 V / 50 Hz
Frequency	50 Hz
Weight	26 kg

Weight

Wall saw WSE2226 incl. feed motors	26 kg
Electric main drive motor WSE2226	25 kg
Blade guard AIO 1200	36 kg

System & Accessories

Wall saw system WSE2226QC	
10996800	Wall saw WSE2226QC incl. feed motors
10997900	Electric main drive motor WSE2226QC 400 V / 50 Hz
10986700	Electric control unit WSE2226QC 400 V / 50 Hz incl. radio remote control
10981719	Transport trolley
11005593	Blade guard AIO 1200
10982079	VAS G Track 1 100 mm alu
10981818	VAS G Track 2 200 mm alu
977523	Track connector for VAS and VS tracks
965987	V-Track feet alu, flat
965987	V-Track feet alu, flat
965987	V-Track feet alu, flat
10980346	Tool box

Accessories

977523	Track connector for VAS and VS tracks
10977882	Blade flange ST compl.
11005595	Blade guard AIO 800
11005703	Blade guard AIO 800 without holder
11005594	Blade guard AIO 1000
11005702	Blade guard AIO 1000 without holder
11005593	Blade guard AIO 1200
11005701	Blade guard AIO 1200 without holder
977606	Blade guard 1 600 mm 2 pcs.
976184	Blade guard 2 200 mm 2 pcs.
10992734	Uptake 1 600/2 200 2 pcs. on WSE2226
965987	V-Track feet alu, flat
961983	V-Swivel track feet
10977452	V-Rotary rail support compl.

Wall saw DZ-S2

Cutting depths up to 510 mm



Robust saw head with standard hydraulic motors



Blade guard for normal and flush cutting



Slide guide with ergonomic locking system and fine adjustment

The extremely sturdy and proven design ensures high reliability and cutting accuracy. With the DZ-S2 in conjunction with hydraulic drives with

outputs of up to 20 kW, blade diameters of up to maximum 1 200 mm can be used.

System & Accessories

Technical data

Saw blade	
Max. cutting depth	510 mm
Max. saw blade Ø	1 200 mm
Free detachable up to Ø	900 mm
Blade flange mounting	Central screw
Saw blade fixing (flush cuts)	6 countersunk head screws, 130 mm graduated circle

Design

GR2 hydraulic motor with quick-change device	
Swivel arm, can be rotated by 360°	
Power transmission in swivel arm via toothed belt	
Carriage controlled using bronze guide	

Weight

incl. drive motor and 2 feed motors	34 kg
with 2 feed motors only	27 kg

System & Accessories

Wall saw system DZ-S2	
10984000	Wall saw DZ-S2 without motor
976162	Motor complete B/S 22 ccm / FD
10984100	Blade guard 1 000 mm 3 pcs. AIO
10982079	VAS G Track 1 100 mm alu
10981818	VAS G Track 2 200 mm alu
965987	V-Track feet alu, flat
965987	V-Track feet alu, flat
965987	V-Track feet alu, flat
975803	Tool box
977495	Pressure relief valve FD

Accessories

973921	1 bronze guide complete
974419	Flush cutting flange DZ, FZ
969460	Tooth belt for DZ-S, DZ-S2
10984099	Blade guard 800 mm 3 pcs. AIO
10984100	Blade guard 1 000 mm 3 pcs. AIO
10984101	Blade guard 1 200 mm 3 pcs. AIO

Hydraulic drive motor accessories – size 2 with horizontal FD couplings

976034	Motor complete B/S 12 ccm / FD
976160	Motor complete B/S 16 ccm / FD
976161	Motor complete B/S 18 ccm / FD
976162	Motor complete B/S 22 ccm / FD
976523	Motor complete B/S 26 ccm / FD
976163	Motor complete B/S 30 ccm / FD
973892	Quick-change set for motors size 2

Wall saw FZ-4S

Cutting depths up to 1 005 mm



Main motor with leak-oil connection



Gear swivel arm with quick-separation flange for easy blade replacement



Sliding systems with ergonomic locking system and fine adjustment

The "work horse" among hydraulic wall saws. Use of the quick-separation flange on the swivel arm provides simple, fast blade replacement and facilitates use in flush cutting

applications. With the FZ-4S in conjunction with hydraulic drives with outputs of up to 40 kW, blade diameters of up to maximum 2 200 mm can be used.

System & Accessories

Technical data

Saw blade

Max. cutting depth	1 005 mm
Max. saw blade Ø	2 200 mm
Free detachable up to Ø	1 025 mm
Blade flange mounting	Quick-release flange
Saw blade fixing (flush cuts)	6 countersunk head screws, 130 mm graduated circle

Design

GR3 hydraulic motor with quick change device (also possible with GR2)	
Swivel arm, can be rotated by 360°	
Power transmission in swivel arm via gear wheel	
Carriage controlled using Bronze Prisma	

Weight

incl. drive motor and 2 feed motors	47 kg
with 2 feed motors only	39 kg

System & Accessories

Wall saw system FZ-4S

999039	Wall saw FZ-4S
976166	Motor complete S 31 ccm / FD, incl. leak oil conn.
10984100	Blade guard 1 000 mm 3 pcs. AIO
974400	V-Track VS 1 100 mm steel
974406	V-Track VS 2 200 mm steel
974478	V-Track foot steel DZ/FZ
974478	V-Track foot steel DZ/FZ
974478	V-Track foot steel DZ/FZ
974066	Leakage oil hose 8 m FIRG
977495	Pressure relief valve FD
10977020	Tool box

Accessories

973921	1 bronze guide complete
10977882	Blade flange ST compl.
10984099	Blade guard 800 mm 3 pcs. AIO
10984100	Blade guard 1 000 mm 3 pcs. AIO
10984101	Blade guard 1 200 mm 3 pcs. AIO
977606	Blade guard 1 600 mm 2 pcs.
976184	Blade guard 2 200 mm 2 pcs.
977334	Blade guard holder 2 pcs. for bolt

Hydraulic drive motors – size 3

976164	Motor complete S 20 ccm / FD, incl. leak oil conn.
976165	Motor complete S 25 ccm / FD, incl. leak oil conn.
976166	Motor complete S 31 ccm / FD, incl. leak oil conn.
976167	Motor complete S 40 ccm / FD, incl. leak oil conn.
974066	Leakage oil hose 8 m FIRG

Rail system VAS and VS

Versatile; suitable for wall saws and line drills



VAS

- + Lightweight aluminium rail suitable for applications up to 26 kW
- + Steel guides
- + Replaceable steel tothing
- + Extendable



VS

- + Robust steel rail, suitable for applications up to 50 kW
- + Steel guides
- + Extendable



V-rotating rail trestle,
can be swivelled by 360°
10977452



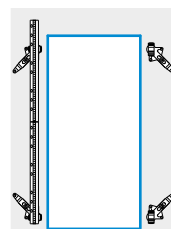
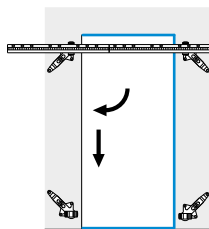
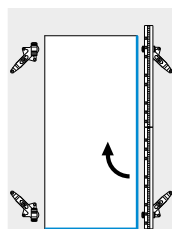
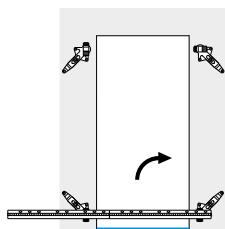
V-swivel rail trestle, 45°–135°
961983



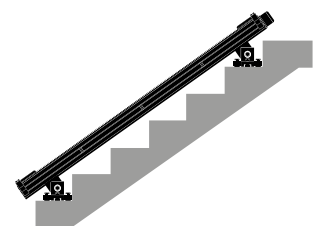
V-rail trestle, aluminium, flat
965987



V-rail trestle, steel
974478



Time saved when changing the rail position thanks to innovative V-rotating rail support



With V rotating rail support,
simple step sawing

System & Accessories



Technical data

	VAS	VS
Approved power	25 kW	50 kW
Weight at 1 100 mm	9.3 kg	13.8 kg
Material	Aluminium/ steel	Steel
Extendable	•	•
Length	1 100 mm	700 mm
	1 650 mm	1 100 mm
	1 925 mm	1 400 mm
	2 200 mm	1 800 mm
		2 200 mm

Compatible wall saws

WSE1621 / WSE2226	•	•
DZ-S2	•	•
WZ	•	•
FZ-2ST	•	•
FZ-4S		•

Rail trestles

V-rail trestle, steel		•
V-rail trestle, aluminium	•	•
V-swivel rail trestle	•	•
V-rotating rail trestle	•	•



Well thought-out connecting elements for quick assembly and a rigid connection



Rail stopper for safe working

System & Accessories

VAS rail system

10982079	VAS G Track 1 100 mm alu
10982105	VAS G Track 1 650 mm alu
10982106	VAS G Track 1 925 mm alu
10981818	VAS G Track 2 200 mm alu

VAS accessories

965987	V-Track feet alu, flat
961983	V-Swivel track feet
10977452	V-rotary rail support complete
977523	Track connector for VAS and VS tracks
963917	Centering tube for VAS/VS tracks
10978418	Track stop for VAS track
974476	Mounting block for track foot, vacuum base (concrete)
977452	Mounting block for track foot, vacuum base (masonry)
10978418	Track stop

VS rail system

974398	V-Track VS 700 mm steel
974400	V-Track VS 1 100 mm steel
974402	V-Track VS 1 400 mm steel
974404	V-Track VS 1 800 mm steel
974406	V-Track VS 2 200 mm steel

VS accessories

974478	V-Track foot steel
961983	V-Swivel track feet
10977452	V-rotary rail support complete
977523	Track connector for VAS and VS tracks
10978418	Track stop

Tyrolit Construction Products GmbH

Swarovskistraße 33 | 6130 Schwaz | Austria

Tel +43 5242 606-0 | Fax +43 5242 63398

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



Find us on social media
TYROLITgroup