

DS TS20-E electric wall saw

Sawing power redefined

The professional solution for wall sawing in medium to heavily-reinforced concrete, masonry and natural stone up to a depth of 53 cm.

- Cutting and extending openings for doors, windows and light wells, etc.
- Corrective work on facades, partition walls and garden walls, etc.
- Effortless flush cutting in all positions.
- Controlled demolition of concrete.

CE

Technical data DS TS20-E power unit	3 × 400 V	3 × 200 V
Rated voltage:	380–480 V~	200–280 V~
Rated frequency:	50–60 Hz	50–60 Hz
Rated current:	16/25/32 A	32/63 A
Max. fuse rating:	32 A	63 A
Power input:	19 kW	19 kW
Min. generator power:	40kVA@32A	40kVA@63A
RCD circuit breaker in supply:	30 mA	30 mA
Cooling water supply at 18°C:	4 liters/min.	4 liters/min.
Cooling water pressure min./max.:	2–6 bar	2–6 bar
Electrical protection class:	IP 65	IP 65
Weight:	30 kg	30 kg

DS TS20-E saw head

CE

Motor power S1:	15 kW
Spindle speed:	100–940 r.p.m.
Electrical protection class:	IP 65
Saw blade diameter:	600–1200 mm
Max. cutting depth:	53 cm
Weight:	35 kg

S1 = continuous operation 100%

DS TS20-E remote control

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Cable length:	10 m
Supply voltage:	24 V DC
Electrical protection class:	IP 65
Weight:	2.2 kg

Data certified at max. 18°C and up to height of 2000 m above sea level.

Right of technical changes reserved



Advantages

- Superior cutting performance thanks to efficient electric drive, load-dependent advance control (Hilti HTC system) and smooth, stepless speed control.
- Low system weight and handy, quickly-loaded and unloaded trolleys for easy transport of the complete set of equipment.
- Quickly set up and dismantled thanks to lightweight, rigid guide rails, self-supporting rail extensions and ergonomically designed saw head with ideal point of balance.
- Easy to operate thanks to motorized advance and plunge movement, electric remote control unit with clearly arranged, easy-to-follow controls and display plus diagnostic functions for the saw and electric supply.
- Rugged design, high-grade materials and durable plug connectors for high reliability. Hilti Full Service for 2 years or 200 operating hours. Safety confirmed and certified by an independent testing authority.

DS TS20-E electric wall saw

Ordering designation	Package contents	Item no.
DS TS20-E wall saw, complete	1	① 284802

Comprising: Transport trolley, saw head, power unit, remote control unit, power and control cables, cooling water hose

Ordering designation	Package contents	Item no.
DS-TS accessory set	1	② 284805

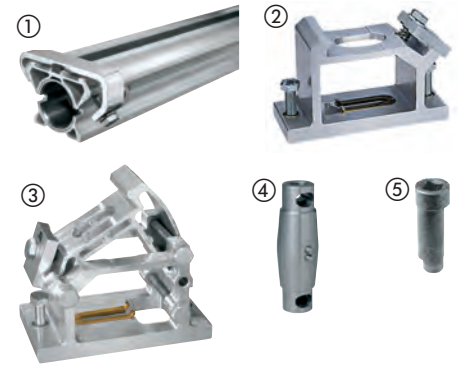
Comprising: Transport trolley, 800 mm dia. blade guard assy., 4 rail supports, tapered rail connector, 3 eccentric pins, tool set and transport box



Guide rails and accessories

Ordering designation	Package contents	Item no.
DS-R100-L rail	1	① 284808
DS-R200-L rail	1	① 284809
DS-R230-L rail	1	① 284810
DS-RF-L rail support	1	② 284814
DS-RFP-L* rail support	1	③ 284816
D-CO-ML tapered connector	1	④ 232241
D-EP-ML eccentric pin	1	⑤ 232244

*for angled and stepped cuts



Blade guards for standard cutting

For blades 600 to 800 mm dia.

Ordering designation	Package contents	Item no.
DS-BG60/80 center section	1	⑥ 284818
DS-BG60 side section	2	⑦ 284826
DS-BG80 side section	2	⑦ 284827

For blades 1000 to 1200 mm dia.

Ordering designation	Package contents	Item no.
DS-BG100/120 center section	1	⑥ 284819
DS-BG100 side section	2	⑦ 284828
DS-BG120 side section	2	⑦ 284829



Blade guards and accessories for flush cutting

For blades 600 to 800 mm dia.

Ordering designation	Package contents	Item no.
DS-BGF60/80 center section	1	⑧ 284820
DS-BGF80 side section	2	⑨ 284831

For blades 1000 to 1200 mm dia.

Ordering designation	Package contents	Item no.
DS-BGF100/120 center section	1	⑧ 284821
DS-BGF120 side section	2	⑨ 284833

Special flange for flush cutting

Ordering designation	Package contents	Item no.
DS-FCA-110 flush-cutting flange, complete	1	⑩ 258436
DS-FCA-110FF additional flange (flange only)	1	⑪ 307188



Tools and accessories for fastening rails

Ordering designation	Package contents	Item no.
DS TS tool set	1	284842

