

Hilti DS TS5-SE electric wall saw

More profitable with every cut

The professional solution for wall sawing applications in lightly reinforced concrete, masonry and natural stone. Cuts to a maximum depth of 30 cm.

- Openings and extensions to openings for windows, doors and light wells.
- Remedial work on facades, partitions and walls.
- Effortless flush cutting in all situations.
- Angled cuts, cuts on stairs and cutting joints of all kinds.

Technical data

DS TS5-SE electric wall saw	400 V	200 V	CE
Nominal power:	P1=5 kW	P1=5 kW	
Nominal voltage:	400 V ~50/60 Hz	200 V ~50/60 Hz	
	3 P + PE	3 P + PE	
Nominal current / max. fuse rating:	16 amps	32 amps	
Nominal speed:	800–1200 rpm (variable)	600–1200 rpm (variable)	
Water cooling:	2–4 l/min.	2–4 l/min.	
Weight of saw head:	approx. 28 kg	approx. 28 kg	
Dimensions of saw head:	376x339x269 mm	376x339x269 mm	
Water spray protection:	IP 65	IP 65	

Technical data

DS-RC-TS5-SE remote control	CE
Cable length:	7 m
Nominal voltage:	24 V
Weight:	approx. 2.2 kg
Water spray protection:	IP 65

Wall saw system requiring only 2 l/min. cooling water, with patented blade guard system, constant maximum blade drive power output, variable blade speed (rpm), automatic regulation of advance independent of material being cut.

CE conformity has been confirmed by an accredited, independent European testing authority.

Electric wall saw sets

Premium set (PR)

The complete set of equipment on a mobile, one-man trolley

Ordering designation	Item no.
DS TS5-SE 400V PR	305924
DS TS5-SE 200V PR	334171

Economy set (EC)

The complete set of equipment supplied on a pallet (80 x 120 x 50 cm)

Ordering designation	Item no.
DS TS5-SE 400V EC	305925
DS TS5-SE 200V EC	334166

Solo set (SO)

The saw head and remote control unit in a transport box

Ordering designation	Item no.
DS TS5-SE 400V SO	305926
DS TS5-SE 200V SO	334175



Advantages

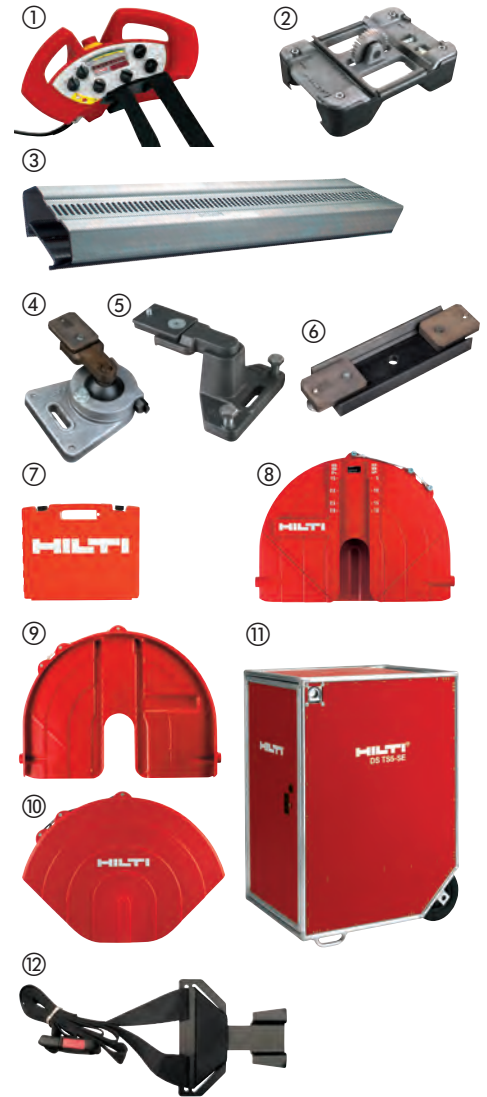
- 100% one-man transportation, assembly and operation.
- Special trolley for convenient transport: The entire set of equipment can be transported to the workplace in one go.
- Versatile, pivoting rail / rail support system permits quick change of cutting position.
- Manual and automatic regulation of advance, independent of the material being cut, for very easy operation and outstanding cutting performance.
- Very convenient remote control unit with clear, user-friendly display showing operating status and error messages.
- Visual service indicator informs the operator in good time when an inspection is due.



Equipment

(Also available as individual accessory items)

Ordering designation	Supplied in PR set	Supplied in EC set	Supplied in SO set	Package contents	Item no.
DS-RC-TS5-E remote control	1	1	1	1	① 305364
DS-CA5-E carriage	1	1	-	1	② 334180
D-R 100 SI rail	2	2	-	1	③ 334188
DS-RFSI rail support	2	2	-	1	④ 334194
DS-RFIX SI rail support	2	2	-	1	⑤ 369106
DS-RCSI rail connector	1	1	-	1	⑥ 334196
Accessory / tool set	1	1	-	1	⑦ 334159
DS-BG 5-ES blade guard	1	1	-	1	⑧ 334182
DS-BG 5-EF blade guard	1	-	-	1	⑨ 334184
DS-BG 5-EC blade guard	1	-	-	1	⑩ 334186
DS-TS5-SE trolley	1	-	-	1	⑪ 334170



Additional accessories

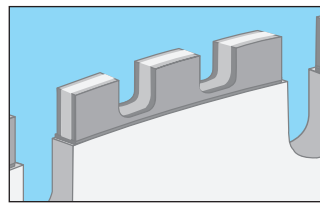
Ordering designation	Package contents	Item no.
D-R 230 SI rail	1	334190
10 m extension cable for remote control	1	334178
DS-ESSI end stop	1	334192
RC-LP32/TS5-SE shoulder belt with clip	1	⑫ 373243



DS-BE saw blades for the DS TS5-SE electric wall saw

Which blade for which material?

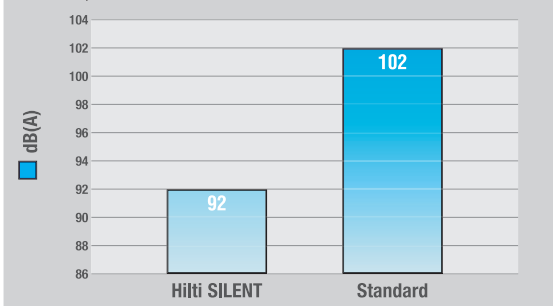
	RC	BC	LC	MC
Material	Reinforced concrete	Reinforced concrete	Flint concrete	Masonry
Characteristics	Fast cutting	Evenly balanced cutting speed / life ratio		Dry cutting or with little water



- Sandwich design with usable segment height of 8 mm (10 mm).
- Laser welding ensures practically no loss of segments.

Noticeably quieter: Hilti Silent saw blades

Noise measurements with DS-TS5-SE electric wall saw, reinforced concrete, 700 mm saw blade diameter



An increase or decrease of 10 dB (A) is perceived subjectively to be twice as loud or, respectively, half as loud.

Saw blade dia. (mm)	Cutting depth (cm)	No. of segments	Segment dimensions LxWxH (mm)	Ordering designation	Item no.
RC specification					
500	18	28	50x4x8	DS-BE 500/8 RC	334011
600	23	34	50x4x8	DS-BE 600/8 RC	373379
700	28	37	50x4x8	DS-BE 700/8 RC	334378
745	30	39	50x4x8	DS-BE 745/8 RC	340987
RC specification, silent					
500	18	28	50x4x8	DS-BE 500/8 RC Silent	369060
700	28	37	50x4x8	DS-BE 700/8 RC Silent	369061
745	30	39	50x4x8	DS-BE 745/8 RC Silent	378894
BC specification					
500	18	28	50x4x8	DS-BE 500/8 BC	334013
600	23	34	50x4x8	DS-BE 600/8 BC	373380
700	28	37	50x4x8	DS-BE 700/8 BC	334379
745	30	39	50x4x8	DS-BE 745/8 BC	340894
BC specification, silent					
500	18	28	50x4x8	DS-BE 500/8 BC Silent	340892
700	28	37	50x4x8	DS-BE 700/8 BC Silent	340893
745	30	39	50x4x8	DS-BE 745/8 BC Silent	378895
LC specification					
500	18	28	50x4x10	DS-BE 500/10 LC	372794
700	28	37	50x4x10	DS-BE 700/10 LC	372795
MC specification					
500	18	28	50x4x8	DS-BE 500/8 MC	334015
700	28	37	50x4x8	DS-BE 700/8 MC	334016