

OPTI[®] saw[®] S 285DG

Metal-cutting band saw with pivoting saw head for economic and precise work

Facts that impress in terms of quality, performance and price

- ▶ Low-noise running action
- ▶ Heavy cast design
- ▶ Excellent cutting precision thanks to vibration-free action
- ▶ Ball-bearing borne saw band guide
- ▶ Chip brush
- ▶ Automatic saw switch-off after completing the cut
- ▶ Rugged machine chassis
- ▶ Generously dimensioned control unit
- ▶ Equipped as a factory standard with bi-metal saw blade
- ▶ Material stop with scaling
- ▶ Quick clamping vice, adjustable via hand wheel. Workpiece is clamped using a handy quick-clamping lever
- ▶ End stops adjustable to degree accuracy
- ▶ Fully equipped; the user can immediately start productive work after commissioning



Fig.: S 285DG

Scope of supply

- ▶ Material stop
- ▶ Bi-metal saw band
- ▶ Machine chassis
- ▶ Coolant pump

Model

S 285DG

Article no.

3300285

Technical specifications

Electrical connection	400 V / 3 Ph ~50 Hz
Motor output	1.1 kW
Coolant pump motor	100 W
General instructions	
Lifting the saw head	manual
Feed	continuously variable
Saw band speed	45 / 90 m/min
Saw band dimensions	2 480 x 27 x 0.9 mm
Cutting angle	-45° to 60°

Dimensions

Length	1 720 mm
Width without/with material stop	870 / 1 270 mm
Height bottom / top limit position	1 280 / 1 800 mm
Weight	295 kg

Pressure gauge



- ▶ Easy and correct adjustment of the saw band tension

Coolant pump






- ▶ Powerful
- ▶ 100 W

Roller support



- ▶ For supporting long materials

Cutting areas

			
0°	Ø 225 mm	180 mm	150 x 245 mm
45°	Ø 150 mm	150 mm	150 x 190 mm
60°	Ø 90 mm	90 mm	90 x 180 mm
-45°	Ø 150 mm	150 mm	120 x 150 mm

The cutting area was determined for a full section.
The cutting range can be larger in case of cut-off sections.

AQUACUT C1

3530030

- ▶ For cooling the cut
- ▶ 10 litres

Saw bands HSS bi-metal M 42

Teeth per inch	Tooth angle	Article no.
5 - 8 tpi	0°	3357511
5 - 8 tpi	6°	3357512
6 - 10 tpi	0°	3357524
10 - 14 tpi	0°	3357525

Saw band set HSS bi-metal M 42

1 pc. saw band 6 - 10 tpi; 0°	3357504
1 pc. saw band 5 - 8 tpi; 0°	
1 pc. saw band 5 - 8 tpi; 6°	

„General saw band information“ on page 220