

OPTI[®]saw[®] S 300DG / S 300DG Vario

Band saw for metal working with pivoting saw head.

S 300DG Vario with continuously adjustable saw band speed

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
- ▶ Microswitch for automatic limit position cut-off
- ▶ Pushbutton - manual saw band run - on the lever switches the saw band run on and off
- ▶ 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
- ▶ Rugged machine chassis
- ▶ End stops adjustable to degree accuracy

S 300DG Vario

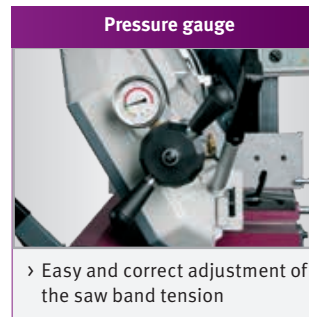
- ▶ Saw band speed continuously adjustable from 20 to 90 m/min.



Roller support
 ▶ For supporting long materials

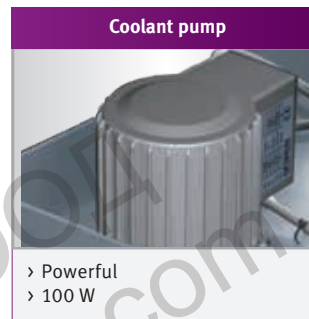


Fig.: S 300DG



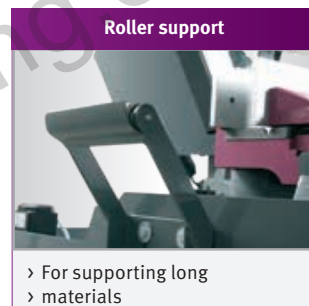
Pressure gauge

- ▶ Easy and correct adjustment of the saw band tension



Coolant pump

- ▶ Powerful
- ▶ 100 W



Roller support

- ▶ For supporting long materials

Scope of supply




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

Model	S 300DG
Article no.	3290290
Model	S 300DG Vario*
Article no.	3290295

Technical specifications

Electrical connection	400 V / 3 Ph ~50 Hz
Motor output	1.5 kW
Coolant pump motor	100 W
General instructions	
Lifting the saw head	manual
Feed	continuously variable
Saw band speed	35/70 m/min.
Vario saw band speed	20 - 90 m/min
Saw band dimensions	2 750 x 27 x 0.9 mm
Cutting angle	45° to -60°
Dimensions	
Length	1 680 mm
Width without/with material stop	700 / 1 300 mm
Height bottom/top limit position	1 600 / 1 850 mm
Weight	335 kg

Cutting areas

			
0°	Ø 255 mm	190 mm	190 x 310 mm
45°	Ø 215 mm	190 mm	190 x 200 mm
-60°	Ø 135 mm	135 mm	135 x 135 mm
-45°	Ø 220 mm	190 mm	135 x 190 mm

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

AQUACUT C1

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- ▶ For cooling the cut
- ▶ 10 litres

Saw bands HSS bi-metal M 42

Teeth per inch	Tooth angle	Article no.
5 - 8 tpi	0°	3357751
5 - 8 tpi	10°	3357752
6 - 10 tpi	0°	3357753
10 - 14 tpi	0°	3357754

Saw band set HSS bi-metal M 42

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

3357700

„General saw band information“ on page 220