## **OPTI saw<sup>®</sup>**S 300DG / S 300DG Vario

## Band saw for metal working with pivoting saw head.

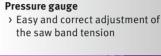
S 300DG Vario with continuously adjustable saw band speed

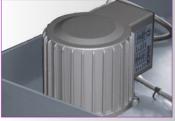
## Facts that impress in terms of quality, performance and price

- Low-noise running action
- Heavy cast design
- Excellent cutting precision thanks to vibrationfree 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 quickclamping lever

۲

- Rugged machine chassis
- End stops adjustable to degree accuracy
- S 300DG Vario
- Saw band speed continuously adjustable from 20 to 90 m/min.





۲

Coolant pump > Powerful 100 W

Scope of supply > Material stop > Bi-metal saw band > Machine chassis > Coolant pump



۲

Roller support > For supporting long materials

Fig.: S 300DG

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

-					
	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.				

3530030

Cutting areas

The cutting range can be larger in case of cut-off sections.

AQUACUT C1 > For cooling the cut

> 10 litres

Saw bands HSS bi-	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			
<b>Saw band set</b> HSS I 1 pc. saw band 6 - 3 1 pc. saw band 5 - 3 1 pc. saw band 5 - 3	3357700				

"General saw band information" on page 216

Important information on transport surcharge and "Operation of machines with frequency converters" on page 249 202

The metal-cutting bandsaw (frequency converter) complies with the DIN EN 55011 standard: class C3