

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

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

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 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.

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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°	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



Metal-cutting band saw with turntable and 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
- ▶ Carbide guide
- ▶ Excellent cutting precision thanks to vibration-free action
- ▶ Saw band speed continuously adjustable via frequency inverter
- ▶ Professional inverter technology
- ▶ High motor output even at low speeds
- ▶ Microswitch for automatic limit position cut-off
- ▶ Precise, re-adjustable and durable saw band guide
- ▶ End stops adjustable to degree accuracy
- ▶ Chip brush
- ▶ Coolant pump
- ▶ Quick clamping vice, adjustable via hand wheel. Workpiece is clamped using a handy quick-clamping lever
- ▶ Rugged machine chassis
- ▶ Control unit facilitates machine setup
- ▶ Fully equipped; the user can immediately start productive work after commissioning



Pressure gauge



- › Easy and accurate adjustment of the saw band tension

Turntable






- › Any angle between 45° and -60° can be sawed as the cutting gap pivots with the saw arm
- › Easily legible angle scale

Scope of supply

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

Cutting areas

			
0°	Ø 255 mm	255 mm	200 x 270 mm
45°	Ø 190 mm	160 mm	160 x 160 mm
-60°	Ø 110 mm	110 mm	110 x 210 mm
-45°	Ø 190 mm	140 mm	140 x 210 mm

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

Model	S 310DG Vario
Article no.	3290335
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	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 / 1 330 mm
Height bottom/top limit position	1 600 / 2 000 mm
Weight	380 kg

AQUACUT C1	3530030
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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°	3357700
1 pc. saw band 5 - 8 tpi; 0°	
1 pc. saw band 5 - 8 tpi; 10°	