

## 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
- ▶ End stops adjustable to degree accuracy

### S 300DG Vario

- ▶ Continuously adjustable saw band speed 20 - 90 m/min.



### Pressure gauge

- Easy and precise checking of the saw band tension



### Coolant pump

- Powerful 100 W



### Roller support

- For supporting long materials

### Quick clamping vice

- Adjustable via hand wheel
- High clamping force thanks to quick clamping lever

### Saw band clamping lever

- Saw cutting continuously adjustable within range of -45° to 60°

### Machine chassis

- Sturdy

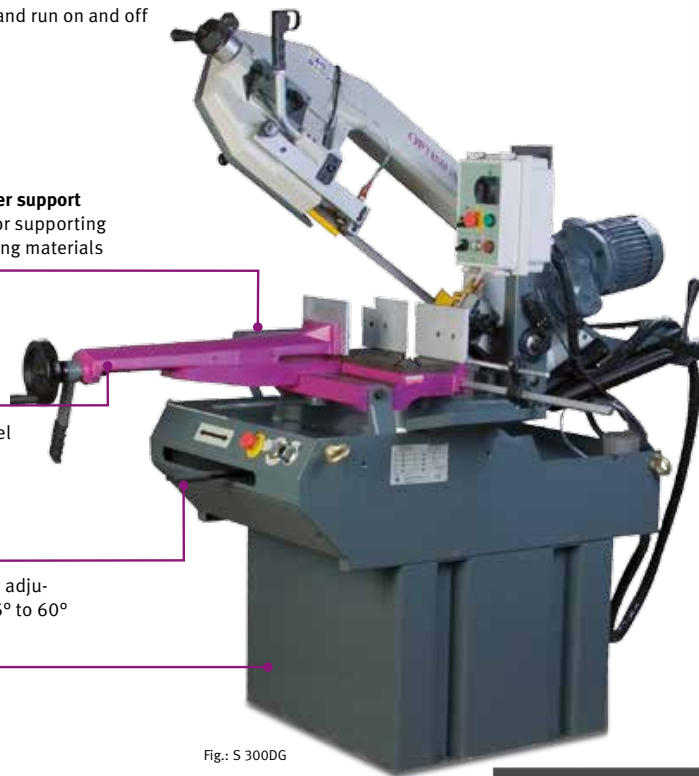


Fig.: S 300DG

### Scope of Delivery

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

<b>Model</b>	<b>S 300DG</b>
Article no.	3290290
<b>Model</b>	<b>S 300DG Vario</b>
Article no.	3290295

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

### Saw bands HSS bi-metal M 42

Teeth per inch	Tooth angle	article no.
<b>5 - 8 tpi</b>	<b>0°</b>	3357751
<b>5 - 8 tpi</b>	<b>10°</b>	3357752
<b>6 - 10 tpi</b>	<b>0°</b>	3357753
<b>10 - 14 tpi</b>	<b>0°</b>	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°	

„General saw band information“ on page 182