

Band saw for metalworking with rotary plate and inverter drive for infinitely adjustable saw band speed

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
- ▶ EMC class C2
- ▶ Two-channel safety chain with quick stop for emergency stop
- ▶ 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
- ▶ Powerful 100 Watt coolant system
- ▶ Quick clamping vice, adjustable via hand wheel. Workpiece is clamped using a handy quick-clamping lever
- ▶ Rugged machine machine base
- ▶ Control unit facilitates machine setup
- ▶ Fully equipped; the user can immediately start productive work after commissioning



Scope of delivery

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

Model	SD 310V
Article no.	3290340
Electrical connection	400 V/3 Ph ~50 Hz
Motor power	1.5 kW
Coolant pump motor	100 W
Lifting the saw bow	manual
Feed	hydraulic via lowering cylinder
Saw band speed	15 - 100 m/min
Saw band dimensions	2 750 x 27 x 0.9 mm
Cutting angle	45° bis -60°
Length	1 850 mm
Width without/with material stop	700 / 1 300 mm
Height, lower / upper end position	1 600 / 2 000 mm
Net weight	380 kg

Arguments,...



Saw band tension

- › Easy and accurate adjustment of the saw band tension by pressure gauge



Turntable

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



Inverter

- › for infinitely adjustable saw band speed 15 - 100 m/min

Cutting areas

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

The cutting area was determined for aluminium. It can vary when using different materials and may be smaller (not cutting capacity).

Accessories

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 saw band 5- 8 tpi; 0°		3357700
1 saw band 5- 8 tpi; 10°		
1 saw band 6- 10 tpi; 0°		

Saw band information see page 263