

OPTI saw® S 350DG

Metal-cutting band saw with double mitre in heavy-duty design

Facts that impress in terms of quality, performance and price

- ▶ Heavy-duty industrial design
- ▶ Low-noise running action
- ▶ Excellent cutting precision thanks to vibration-free action
- ▶ Two switchable speeds 36/72 m/min.
- ▶ Mitre adjustment to -60° by pivoting the entire saw head
- ▶ Generously dimensioned, rugged quick clamping vice, adjustable via hand wheel Workpiece is clamped using a handy quick-clamping lever
- ▶ Quick clamping vice movable for large materials
- ▶ Easy and accurate adjustment of the saw band tension by pressure gauge
- ▶ Equipped as a factory standard with bi-metal saw blade
- ▶ End stops adjustable to degree accuracy
- ▶ Chip brush
- ▶ Ball bearing borne saw band guide with carbide shims for optimal cutting results
- ▶ Precise, continuously adjustable saw band movement via hydraulic cylinder
- ▶ Coolant pump
- ▶ Easy adjustment of the lowering speed via feed control valve in control panel
- ▶ Emergency stop button
- ▶ Rugged machine chassis
- ▶ Microswitch for automatic limit position cut-off
- ▶ Roller support adjustable for long and heavy workpieces
- ▶ Fully equipped; the user can immediately start productive work after commissioning

Saw band tension



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



Fig.: S 350DG






Technical specifications, accessories and dimensions

Model	S 350DG
Article no.	3290350
Technical specifications	
Electrical connection	400 V / 3 Ph ~50 Hz
Motor output	2.2 kW
Coolant pump motor	50 W
General instructions	
Lifting the saw head	manual
Feed	continuously variable
Saw band speed	36/72 m/min.
Saw band dimensions	2 925 x 27 x 0.9 mm
Cutting angle	-45° to 60°
Dimensions	
Length	1 750 mm
Width without/with material stop	1 075 / 1 415 mm
Height bottom/top limit position	1 420 / 2 000 mm
Weight	550 kg

Scope of supply

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

Cutting areas

			
0°	∅ 270 mm	230 mm	230 x 350 mm
45°	∅ 230 mm	200 mm	210 x 220 mm
60°	∅ 140 mm	140 mm	140 x 220 mm
-45°	∅ 230 mm	170 mm	140 x 200 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.
5 - 8 tpi	0°	3357541
4 - 6 tpi	6°	3357540
6 - 10 tpi	0°	3357542
10 - 14 tpi	0°	3357543

Saw band set HSS bi-metal M 42

1 pc. saw band 6 - 10 tpi; 0°	3357501
1 pc. saw band 5 - 8 tpi; 0°	
1 pc. saw band 4 - 6 tpi; 6°	

„General saw band information“ on page 220

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- > For cooling the cut
- > 10 litres

Material supports

		Article no.
MSR 4H	L x W 1 000 x 440 mm	3357001
MSR 7H	L x W 2 000 x 440 mm	3357002
MSR 10H	L x W 3 000 x 440 mm	3357003
Table extension MSR 1		3357006
PVC rollers for MSR		3357609

Dimensions

