

OPTI saw® S 181

The metal-cutting band saw for challenging sawing tasks.
With drive belt and 4 sawing speeds



Facts that impress in terms of quality, performance and price

- ▶ Low-noise running action
- ▶ Rugged cast design
- ▶ Saw band lowering via hydraulic cylinder continuously adjustable by throttle valve
- ▶ Microswitch for automatic limit position cut-off
- ▶ Easily legible scale for adjusting the angle
- ▶ Equipped as a factory standard with bi-metal saw blade
- ▶ Saw band tensioning at front, adjustable via handwheel
- ▶ Ball-bearing borne saw band guide
- ▶ Rugged machine chassis with large wheels and handy transport bar allows trouble-free relocation of the machine
- ▶ Adjustable material stop for batch work
- ▶ Circuit breaker for belt cover
- ▶ Fully equipped; the user can immediately start productive work after commissioning



Scope of supply

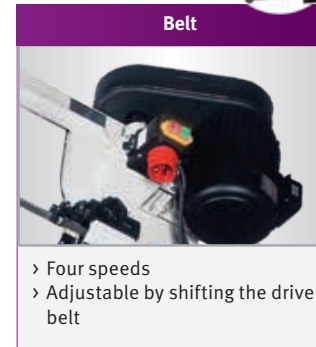
- › Material stop
- › Bi-metal saw band
- › Machine chassis




Model	S 181
Article no.	3300181

Technical specifications	
Electrical connection	400 V / 3 Ph ~50 Hz
Motor output	750 W
Coolant pump motor	90 W

General instructions	
Lifting the saw head	manual
Feed	continuously variable
Saw band speed	21 / 33.5 / 45 / 50 m/min
Saw band dimensions	2 362 x 19 x 0.9 mm
Cutting angle	0° to 45°

Dimensions	
Length	1 295 mm
Width	
Without material stop	450 mm
With material stop	600 mm
Height	
Saw head bottom limit position	1 060 mm
Saw head top limit position	1 550 mm
Weight	130 kg



	Cutting areas		
			
0°	Ø 180 mm	180 mm	180 x 240 mm 50 x 300 mm
45°	Ø 110 mm	150 mm	110 x 170 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°	3357522
5 - 8 tpi	6°	3357516
6 - 10 tpi	0°	3357521
10 - 14 tpi	0°	3357520

Saw band set HSS bi-metal M 42	
1 pc. saw band 6 - 10 tpi; 0°	3357500
1 pc. saw band 5 - 8 tpi; 0°	
1 pc. saw band 5 - 8 tpi; 6°	

„General saw band information“ on page 220