



## Metal band saws with slewable saw bow and 2 saw band speeds. OPTISAW S 275NV with infinitely variable saw band speed

### Convincing arguments: quality, efficiency and price

- Low-noise running
- Stable casting type
- High cutting accuracy due to vibration-free running
- Two switchable speeds
- Lowering of the saw bow by means of the hydraulic cylinder with infinitely variable throttle valve
- Micro switch for automatic limit stop
- Scale good read for angle adjustment
- With high-grade bimetallic saw band supplied as standard
- Adjustable material stop for series productions
- Fully equipped machine, the user can immediately start to work productively

### S 275NV

- Infinitely variable saw belt speeds 20 - 90 m/min.
- It is easily possible to change the speed during operation

### Saw band guiding

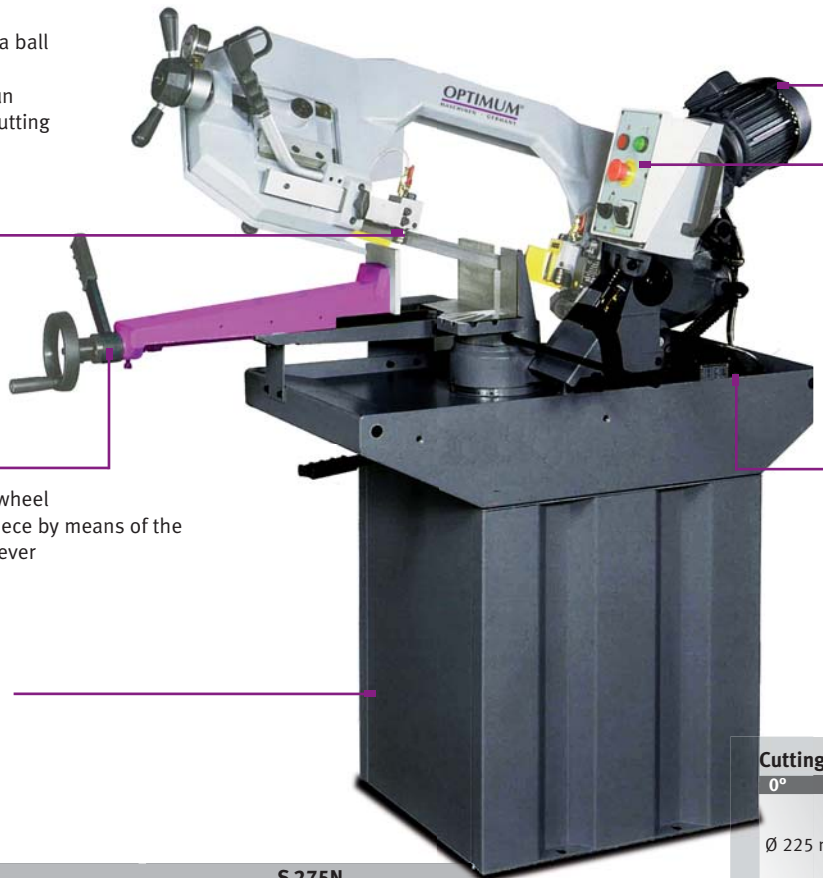
- Saw band guiding via ball bearing
- Outstanding band run and thus optimum cutting results
- Chip brush

### Quick-action vice

- Adjustable via handwheel
- Clamping the workpiece by means of the handy quick action lever

### Machine substructure

- Robust



### EMC filter

- EMC Directive

### Control panel

- Clearly-arranged keyboard for simple operation
- Emergency-stop push button
- Switch coolant pump
- Speed selector switch
- For Vario: Potentiometer

### Coolant equipment

- Powerful



Fig.: Optisaw S 275N

### Cutting ranges

0°	
Ø 225 mm	235 x 150 mm
45°	
Ø 155 mm	210 x 155 mm
60°	
Ø 90 mm	120 x 90 mm

„General information about saw bands“ on page 173

<b>Model</b>	<b>S 275N</b>
Item No	3300260
<b>Model</b>	<b>S 275NV</b>
Item No	3300265

Machine data	
Electrical connection S275N	400 V / 3 Ph ~50 Hz
Motor power S275N	1.1 kW
Electrical connection S275NV	230 V / 1 Ph ~50 Hz
Motor power S275NV	1.5 kW
General information	
Lifting the saw bow	manual
Infeed	continuously variable
Saw band speed	45 / 90 m/min
Saw band speed Vario	20 - 90 m/min
Saw band dimension	2'480 x 27 x 0.9 mm
Cutting angle	from 0° to 60°
Net weight	185 / 200 kg
Standard equipment	
	Bi-metal saw band
	Material stop
	Machine substructure

### Saw bands HSS bi-metal M 42

Teeth per inch	Tooth angle	Item No	
<b>5 - 8 tpi</b>	<b>0°</b>	3357511	
<b>6 - 10 tpi</b>	<b>0°</b>	3357524	
<b>5 - 8 tpi</b>	<b>6°</b>	3357512	

### Saw band kit

3357504

- Saw band HSS bi-metal 5 - 8 tpi; 0°
- Saw band HSS bi-metal 6 - 10 tpi; 0°
- Saw band HSS bi-metal 5 - 8 tpi; 6°

The saw corresponds to the standard DIN EN 55011: 2011-04 class C2 - (only use in mixed and industrial areas)