

This manual band saw can either be installed on the optional work table with vise, or guided manually

**Facts that impress in terms of quality, performance and price**

- ▶ Powerful 1.1 kW motor
- ▶ Ideally suited for sawing solid steel materials with low tensile strength, preferably for sawing off pipes, steel sections, aluminium and non-ferrous metals.
- ▶ Also suitable for cutting wood, plastics and other thin non-ferrous metals
- ▶ Strong bridge construction with aluminium frame
- ▶ The saw supports virtually spark-free sawing without coolant and is thus easy on the material
- ▶ Reduced cutting noise
- ▶ Always the right working position thanks to the adjustable additional grip
- ▶ Transport case
- ▶ Removable from optional worktable for flexible use



**Work table**  
 > Vice included  
 > Net weight 13 kg  
 Article no. 3184212

**Arguments,...**



**Speed regulator**  
 > Variable saw band speed 42 - 144 m/min. for various materials



**Clamping lever**  
 > Precise band running is ensured by the easy-to-use saw band tensioner and adjusting screws.



**LED work light**  
 > illuminates dark work areas for precise cutting

**Cutting areas**

with optional work table			
0°	Ø 115 mm	105 mm	100 x 115 mm
45°	Ø 45 mm	40 mm	30 x 45 mm
without optional work table			
0°	Ø 127 mm	127 mm	127 x 127 mm
45°	Ø 40 mm	40 mm	40 x 120 mm

**Scope of delivery**

- > Transport case
- > Bi-metal saw band 10-14 teeth per inch M42

**Saw bands**

HSS bi-metal M 42 10 - 14 tpi	Article no. 3357548
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<b>Model</b>	SQ-V10
Article no.	3184210

<b>Technical data</b>	
Electrical connection	230 V/1 Ph ~50 Hz
Motor power	1.1 kW
Saw band speed	42 - 144 m/min
Saw band dimensions	1140 x 13 x 0.65 mm
Length x width x height approx.	465 x 280 x 165 mm
Net weight approx.	6.6 kg

Transportable mitre **bandsaw** with excellent cutting precision, extremely low-noise

**Facts that impress in terms of quality, performance and price**

- ▶ Equipped as a factory standard with bi-metal saw blade
- ▶ Adjustable material stop for batch work
- ▶ Pushbutton on lever arm for saw band run, switches the saw band run on and off
- ▶ Base plate with anti-slip feet
- ▶ Swivelable saw bow from 0° to +60° to allow angled saw cuts
- ▶ Continuously adjustable saw band speed from 30 to 80 m/min

**NEU**  
**WITH MORE**  
**POWER**



**Arguments,...**



**Saw band guide**




› Ball bearing saw band guide for excellent band running and thus for optimal cutting.



**Pushbutton**

› Pushbutton on lever arm for saw band run  
› Switches the saw band run on and off

**Cutting areas**

			
0°	Ø 125 mm	125 mm	125 x 125 mm
45°	Ø 85 mm	85 mm	85 x 85 mm
60°	Ø 50 mm	50 mm	50 x 50 mm

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

**Scope of delivery**

- › Material stop
- › Bi-metal saw band

Model	SQ-V13
Article no.	3194013
<b>Technical data</b>	
Electrical connection	230 V/1 Ph ~50 Hz
Motor power	750 W
Saw band speed	30 - 80 m/min
Saw band dimensions	1440 x 12.5 x 0.6 mm
Cutting angle	0° - 60°
Length of open/closed vise approx.	795 / 670 mm
Width without/with material stop approx.	382 / 613 mm
Height of lower/upper end position approx.	640 / 420 mm
Net weight approx.	23 kg

**Accessories**

Underframe MUG1	3351490
› Weight approx: 7.3 kg › Dimensions L x W x H approx.: 500 x 470 x 780 mm	



**Saw bands**

HSS bi-metal M 42	Article no.
6 - 10 tpi	3351546
10 - 14 tpi	3351547

**Saw band informations** see page 273

Transportable mitre **bandsaw** with excellent cutting precision, extremely low-noise.

**Facts that impress in terms of quality, performance and price**

- ▶ Equipped as a factory standard with bi-metal saw blade
- ▶ Adjustable material stop for batch work
- ▶ Pushbutton on lever arm for saw band run, switches the saw band run on and off
- ▶ Base plate with anti-slip feet
- ▶ Low vibration and wear thanks to special gearbox with two hardened steel gears
- ▶ Vario drive motor with low speed and carbon brushes for up to 10x longer service life
- ▶ Swivelable saw bow from 0° to +60° to allow angled saw cuts



Fig.: SP13V

## Scope of delivery

- › Material stop
- › Bi-metal saw band

<b>Model</b>	<b>SP 13V</b>
Article no.	3300075
<b>Technical data</b>	
Electrical connection	230 V/1 Ph ~50 Hz
Motor power	1 kW
Saw band speed	30 - 80 m/min
Saw band dimensions	1440 x 13 x 0.65 mm
Cutting angle	0° - 60°
Length approx.	720 mm
Width without/with material stop approx.	300 / 650 mm
Height of lower/upper end position approx.	420 / 680 mm
Net weight approx.	19,5 kg

## Arguments,...



### Saw band guide

- › Ball bearing saw band guide for excellent band running and thus for optimal cutting.



### Vario drive

- › Saw band speed continuously adjustable from 30 to 80 m/min.

## Cutting areas

0°	Ø 125 mm	125 mm	125 x 125 mm
45°	Ø 85 mm	85 mm	85 x 85 mm
60°	Ø 45 mm	45 mm	45 x 50 mm

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

## Accessories

<b>Underframe MUG1</b>	3351490
<ul style="list-style-type: none"> <li>› Stable, space-saving, foldable, easy to transport</li> <li>› Weight: 7.3 kg</li> <li>› Dimensions L x W x H: 500 x 470 x 780 mm</li> </ul>	



## Saw bands

HSS bi-metal M 42		
Teeth per inch	Tooth angle	Article no.
6 - 10 tpi	0°	3351546
10 - 14 tpi	0°	3351547

**Saw band informations** see page 273

**New**

Transportable mitre **bandsaw** with excellent cutting precision, extremely low-noise.

**Facts that impress in terms of quality, performance and price**

- ▶ Equipped as a factory standard with bi-metal saw blade
- ▶ Adjustable material stop for batch work
- ▶ Pushbutton on lever arm for saw band run, switches the saw band run on and off
- ▶ Base plate with anti-slip feet
- ▶ Low vibration and wear thanks to special gearbox with two hardened steel gears
- ▶ Vario drive motor with low speed and carbon brushes for up to 10x longer service life
- ▶ Swivelable saw bow from 0° to +60° to allow angled saw cuts



Fig.: SP 15V

Fig.: SP 17V

### Arguments,...



**Saw band guide**

› Ball bearing saw band guide for excellent band running and thus for optimal cutting.



**Vario drive**

› Saw band speed continuously adjustable from 30 to 80 m/min.

### Cutting areas

SP 15V	0°	Ø 150 mm	140 mm	140 x 140 mm
SP 17V		Ø 170 mm	140 mm	166 x 166 mm
SP 15V	45°	Ø 100 mm	100 mm	100 x 100 mm
SP 17V		Ø 130 mm	130 mm	130 x 130 mm
SP 15V	60°	Ø 70 mm	65 mm	65 x 65 mm
SP 15V		Ø 75 mm	75 mm	75 x 75 mm

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

### Saw bands and accessories

HSS bi-metal M 42		
Teeth per inch	Tooth angle	Article no.
<b>SP 15V</b>		
6 tpi	10°	3351521
6 - 10 tpi	0°	3351522
10 - 14 tpi	0°	3351538
<b>SP 17V</b>		
6 tpi	10°	3351519
6 - 10 tpi	0°	3351520
10 - 14 tpi	0°	3351523

**Saw band informations** see page 273

Chassis MUG	3351490
› Stable, space-saving, foldable	
› Weight: 7.3 kg	
› Dimensions L x W x H: 500 x 470 x 780 mm	
Universal coolant unit	3351999

Model	SP 15V	SP 17V
Article no.	3300080	3300085
<b>Technical data</b>		
Electrical connection	230 V/1 Ph ~50 Hz	230 V/1 Ph ~50 Hz
Motor power	1.5 kW	1.65 kW
Saw band speed	30 - 80 m/min	30 - 80 m/min
Saw band dimensions	1735 x 13 x 0.9 mm	2030 x 20 x 0.90 mm
Cutting angle	0° - 60°	0° - 60°
Length approx.	930 mm	1040 mm
Width without/with material stop approx.	480 / 950 mm	480 / 950 mm
Height of lower/upper end position approx.	450 / 495 mm	470 / 535 mm
Net weight approx.	30 kg	36 kg

DRILLING

CORE DRILLING

THREAD TAPPING

MILLING ACCESSORIES

TURNING

MEASURING

SAWS

GRINDING

POLISHING

SHEET METAL WORKING

LIGHTING

COOLING

**Light and handy metal-cutting band saw.** Ideal for universal deployment on construction sites, on jobs, in customer service vehicles, workshops, hobby workshops and in agriculture

**Facts that impress in terms of quality, performance and price**

- ▶ Quick clamping vice for fast workpiece clamping
- ▶ Swivelable saw bow from 0° to 45° to allow angled saw cuts
- ▶ Easily legible scale for adjusting the angle
- ▶ Microswitch for automatic limit position cut-off
- ▶ Automatic lowering of the saw bow via three-stage adjustable saw bow lowering pressure
- ▶ Equipped as a factory standard with bi-metal saw blade
- ▶ Large, practical handle and light weight allow for trouble-free transport to the construction site
- ▶ Adjustable material stop for batch work
- ▶ Fully equipped; the user can immediately start productive work after commissioning
- ▶ Transportation lock



### Arguments,...



**Automatic limit switch cut-off**

› Switches the saw band off at the bottom stop



**Saw band guide**

› Ball bearing 3-point guide for excellent band running and thus for an optimal cut

### Cutting areas

0°	Ø 100 mm	100 mm	100 x 150 mm
45°	Ø 60 mm	60 mm	60 x 95 mm

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

### Scope of delivery

- › Material stop
- › Operating tool
- › Bi-metal saw band

Model	S 100G
Article no.	3184230

Technical data	
Electrical connection	230 V/1 Ph ~50 Hz
Motor power	370 W
Saw band speed	45 m/min
Saw band dimensions	1470 x 13 x 0.65 mm
Cutting angle	0° up to 45°
Length of vice open / closed approx.	950 / 850 mm
Width without/with material stop approx.	300 / 660 mm
Height of lower/upper end position approx.	680 / 820 mm
Net weight approx.	27.5 kg

### Accessories

MUG1	3351490
› Stable, space-saving, foldable, easy to transport	
› Weight: 7.3 kg	
› Dimensions L x W x H: 500 x 470 x 780 mm	



### Saw bands

HSS bi-metal M 42		
Teeth per inch	Tooth angle	Article no.
10 - 14 tpi	0°	3351110
Saw band set HSS bi-metal M 42		
1 saw band 6 tpi; 10 °		3351100
2 unit saw band 10 - 14 tpi; 0 °		

**Saw band informations** see page 273

## The metal-cutting gear band saw for challenging sawing tasks

### Facts that impress in terms of quality, performance and price

- ▶ Low-noise running action
- ▶ Rugged cast design
- ▶ Saw bow 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 mobile base with large wheels and practical transport bar allows trouble-free relocation of the machine
- ▶ Adjustable material stop for batch work
- ▶ Easy-to-clean coolant parts
- ▶ Ground clamping surface
- ▶ Circuit breaker for belt cover
- ▶ Fully equipped; the user can immediately start productive work after commissioning



### Scope of delivery

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

Model	SD 200G	SD 200V
Article no.	3300200	3300205

Technical data		
Electrical connection	400 V/3 Ph ~50 Hz	230 V/1 Ph ~50 Hz
Motor power	550 W / 750 W	750 W
Coolant pump motor	100 W	100 W
Lifting the saw bow	manual	manual
Feed	continuously variable	continuously variable
Saw band speed	44 / 88 m/min	26 - 80 m/min
Saw band dimensions	2360 x 19 x 0.9 mm	2360 x 19 x 0.9 mm
Cutting angle	0° up to 45°	0° up to 45°
Worktable height	530 mm	530 mm
Length approx.	1295 mm	1295 mm
Width with material stop approx.	535 mm	535 mm
Height of lower/upper end position approx.	790 mm / 1,200 mm	790 mm / 1,200 mm
Net weight approx.	130 kg	130 kg

### Arguments,...



#### Saw band guide

- › Ball-bearing borne; for an excellent band run and thus optimal cutting



#### Motor

- › Powerful
- › Two-stage

#### The machine is pre-assembled.

Individual components of the machine still have to be assembled and joined together.

### 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 range was determined on the basis of the saw bow weight with 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°	3357522
5 - 8 tpi	5 - 7°	3357516
6 - 10 tpi	0°	3357521
10 - 14 tpi	0°	3357520

#### Saw band set HSS bi-metal M 42

with 1 unit each saw band 6 - 10 tpi; 0° / 5 - 8 tpi; 0° / 10 - 14 tpi; 0°	3357500
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**Saw band informations** see page 273

## Metal-cutting band saw with pivoting saw head. S 275PV with continuously variable saw band speed

### Facts that impress in terms of quality, performance and price

- ▶ Low-noise running action
- ▶ Rugged cast design
- ▶ Excellent cutting precision thanks to vibration-free action
- ▶ Saw bow lowering via hydraulic cylinder, continuously adjustable by throttle valve
- ▶ Microswitch for automatic limit position cut-off
- ▶ Coolant system
- ▶ Equipped as a factory standard with bi-metal saw blade
- ▶ Adjustable material stop for batch work
- ▶ Rugged machine mobile base
- ▶ Ball-bearing borne saw band guide
- ▶ Easily legible scale for adjusting the angle
- ▶ Overload protection

#### S 275P

- ▶ Motor protection switch
- ▶ Two switchable speeds

#### S 275PV

- ▶ Infinitely variable saw band speed 20 - 90 m/min
- ▶ Speed change possible during operation

### Arguments,...



#### Control box

- ▶ Service-friendly electronics
- ▶ Interchangeable relays
- ▶ Control box built to the latest standards



#### Quick clamping vice

- ▶ Adjustable via hand wheel
- ▶ Workpiece is clamped using a handy quick-clamping lever
- ▶ Interchangeable vice plates

### The machine is pre-assembled

Individual components of the machine still have to be assembled and joined together.



Fig.: S 275N

### Scope of delivery

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

### Cutting areas

0°	Ø 225 mm	190 mm	150 x 245 mm
45°	Ø 145 mm	150 mm	190 x 150 mm
60°	Ø 90 mm	90 mm	120 x 90 mm

The cutting range was determined on the basis of the saw bow weight with aluminium. It can vary when using different materials and may be smaller (not cutting capacity).

Model	S 275P	S 275PV*
Article no.	3305275	3300265

Technical data		
Electrical connection	400 V/3 Ph ~50 Hz	230 V/1 Ph ~50 Hz
Motor power	1.1 kW	1.5 kW
Coolant pump motor	90 W	
Lifting the saw bow	manual	
Feed	continuously variable	
Saw band speed	45 / 90 m/min	20 - 90 m/min
Saw band dimensions	2480 x 27 x 0.9 mm	
Cutting angle	0° up to 60°	
Length approx.	1400 mm	
Width without / with material stop approx.	685 / 985 mm	
Height of lower/upper end position approx.	1235 / 1700 mm	
Net weight approx.	185 kg	

### Saw bands

#### Saw bands HSS bi-metal M 42

Teeth per inch	Tooth angle	Article no.
5 - 8 tpi	0°	3357511
5 - 7 tpi	5-7°	3357512
6 - 10 tpi	0°	3357524
10 - 14 tpi	0°	3357525

#### Saw band set HSS bi-metal M 42

1 saw band 6 - 10 tpi; 0°	3357504
1 saw band 5 - 8 tpi; 0°	
1 saw band 5 - 7 tpi; 5-7°	

Saw band informations see page 273

## Metal band saw with swivelling saw arm for economical and precise work

### Facts that impress in terms of quality, performance and price

- ▶ Low-noise running action
- ▶ Rugged cast design
- ▶ Excellent cutting precision thanks to vibration-free action
- ▶ Saw bow lowering via hydraulic cylinder, continuously adjustable by throttle valve
- ▶ Microswitch for automatic limit position cut-off
- ▶ Coolant system
- ▶ Equipped as a factory standard with bi-metal saw blade
- ▶ Adjustable material stop for batch work
- ▶ Rugged machine mobile base
- ▶ Ball-bearing borne saw band guide
- ▶ Easily legible scale for adjusting the angle
- ▶ Overload protection



### The machine is pre-assembled.

Individual components of the machine still have to be assembled and joined together.

### Scope of delivery

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

<b>Model</b>	<b>SD 285E</b>
Article no.	3300287

Technical data	
Electrical connection	400 V/3 Ph ~50 Hz
Motor power	1.1 kW
Coolant pump motor	100 W
Lifting the saw bow	manual
Feed	continuously variable
Saw band speed	45 / 90 m/min
Saw band dimensions	2480 x 27 x 0.9 mm
Cutting angle	-45° to 60°
Length approx.	1450 mm
Width without material stop approx.	550 mm
Height of lower end position approx.	1580 mm
Net weight approx.	245 kg

### Arguments,...



#### Saw band tension

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



#### Robust quick-clamping vice

- > Grooves for common angle settings



#### Saw band guide

- > Ball-bearing borne; for an excellent band run and thus optimal cutting

### Cutting areas

0°	Ø 223 mm	180 mm	110 x 245 mm
+45°	Ø 145 mm	145 mm	170 x 145 mm
-45°	Ø 120 mm	120 mm	130 x 120 mm
60°	Ø 85 mm	85 mm	105 x 85 mm

The cutting range was determined on the basis of the saw bow weight with aluminium. It can vary when using different materials and may be smaller (not cutting capacity).

### Saw bands

Saw bands HSS bi-metal M 42		
Teeth per inch	Tooth angle	Article no.
5 - 8 tpi	0°	3357535
5 - 7 tpi	6°	3357536
6 - 10 tpi	0°	3357537
10 - 14 tpi	0°	3357538

**Saw band informations** see page 273

## Band saw for metal working with pivoting saw bow

### 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
- ▶ Equipped as a factory standard with bi-metal saw blade
- ▶ Material stop with scaling
- ▶ Quick clamping vice, adjustable via hand wheel. Workpiece is clamped using a handy quick-clamping lever
- ▶ Rugged machine chassis
- ▶ End stops adjustable to degree accuracy



### Scope of delivery

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

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

<b>Technical data</b>	
Electrical connection	400 V / 3 Ph ~50 Hz
Motor power	1.5 kW
Coolant pump motor	100 W
Lifting the saw bow	manual
Feed	continuously variable
Saw band speed	35/70 m/min.
Saw band dimensions	2750 x 27 x 0.9 mm
Cutting angle	45° up to -60°
Dimensions length approx.	1680 mm
Width without / with material stop approx.	700 / 1300 mm
Height of lower/upper end position approx.	1600 / 1850 mm
Weight approx.	335 kg

### Arguments,...



#### Saw band tension

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



#### Pushbutton

- › Pressing the "Manual saw band run" button on the hand lever activates and deactivates the saw band run.

#### The machine is pre-assembled.



Individual components of the machine still have to be assembled and joined together.

### 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 range was determined on the basis of the saw bow weight with aluminium. It can vary when using different materials and may be smaller (not cutting capacity).

### Saw bands

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

**Saw band informations see page 273**

## Band saw for metalworking with Inverter Vario drive for 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
- ▶ EMC class C2
- ▶ Two-channel safety chain with quick stop for emergency stop
- ▶ Chip brush
- ▶ Pushbutton - manual saw band run - on the lever switches the saw band run on and off
- ▶ Powerful 100 Watt coolant system
- ▶ Microswitch for automatic limit position cut-off
- ▶ Equipped as a factory standard with bi-metal saw blade
- ▶ Material stop with scaling
- ▶ Quick clamping vice, adjustable via hand wheel. Workpiece is clamped using a handy quick-clamping lever
- ▶ Rugged machine chassis
- ▶ End stops adjustable to degree accuracy



### Scope of delivery

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

Model	SD 300V
Article no.	3290310

Technical data	
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 - 90 m/min
Saw band dimensions	2750 x 27 x 0.9 mm
Cutting angle	45° up to -60°
Length approx.	1680 mm
Width without / with material stop approx.	700 / 1330 mm
Height of lower/upper end position approx.	1600 / 1850 mm
Net weight approx.	335 kg

### Arguments,...



#### Saw band tension

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



#### Inverter

- › for continuously adjustable saw band speed 15 - 90 m/min

#### The machine is pre-assembled.



Individual components of the machine still have to be assembled and joined together.

### Cutting areas

0°	Ø 255 mm	190 mm	190 x 310 mm
-45°	Ø 220 mm	190 mm	135 x 190 mm
-60°	Ø 135 mm	135 mm	135 x 135 mm
45°	Ø 215 mm	190 mm	190 x 200 mm

The cutting range was determined on the basis of the saw bow weight with aluminium. It can vary when using different materials and may be smaller (not cutting capacity).

### Saw bands

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

Saw band informations see page 273

## Metal band saw with turntable and inverter

### Drive for continuously 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 chassis
  - ▶ Control unit facilitates machine setup
  - ▶ Fully equipped; the user can immediately start productive work after commissioning

#### The machine is pre-assembled.

Individual components of the machine still have to be assembled and joined together.



### Arguments,...



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



#### Turntable

› Any angle between 45° and -60° can be sawn, as the cutting gap swivels with the saw arm.



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

### Scope of delivery

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

<b>Model</b>	<b>SD 310V</b>
Article no.	3290340

Technical data	
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	2750 x 27 x 0.9 mm
Cutting angle	45° up to -60°
Length approx.	1850 mm
Width without / with material stop approx.	700 / 1300 mm
Height of lower/upper end position approx.	1600 / 2000 mm
Net weight approx.	380 kg

### 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 range was determined on the basis of the saw bow weight with aluminium. It can vary when using different materials and may be smaller (not cutting capacity).

### Saw bands

#### 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 informations** see page 273

## Metal-cutting band saw with double mitre, heavy-duty design with a cutting capacity of up to 350 mm

### 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 up to -60° by swivelling the entire saw bow
- ▶ Generously dimensioned, rugged quick clamping vise, adjustable via hand wheel
- ▶ Workpiece clamping with a practical quick-clamping lever, can be shifted for large materials
- ▶ Equipped as a factory standard with bi-metal saw blade
- ▶ End stops adjustable to degree accuracy
- ▶ Chip brush
- ▶ Combinable and individually adjustable carbide and ball bearing guides on the saw band
- ▶ Precise, continuously adjustable saw band movement via hydraulic cylinder
- ▶ Powerful 100 Watt coolant system
- ▶ Emergency stop button
- ▶ Rugged machine mobile base
- ▶ 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



### Arguments,...



#### Saw band tension

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



#### Roller support

- › For supporting long materials

### Scope of delivery

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

### Cutting areas

0°	Ø 270 mm	230 mm	230 x 350 mm
45°	Ø 230 mm	200 mm	210 x 220 mm
60°	Ø 140 mm	140 mm	140 x 220 mm
-45°	Ø 230 mm	170 mm	140 x 200 mm

The cutting range was determined on the basis of the saw bow weight with aluminium. It can vary when using different materials and may be smaller (not cutting capacity).

<b>Model</b>	<b>S 350DG</b>
Article no.	3290350

Technical data	
Electrical connection	400 V/3 Ph ~50 Hz
Total rated value	2.4 kW
Saw motor	2.2 kW
Coolant pump motor	50 W
Lifting the saw bow	manual
Feed	hydraulic via lowering cylinder
Saw band speed	36/72 m/min.
Saw band dimensions	2925 x 27 x 0.9 mm
Cutting angle	-45° up to 60°
Length approx.	1750 mm
Width without / with material stop approx.	1075 / 1415 mm
Height of lower/upper end position approx.	1420 / 2000 mm
Net weight approx.	550 kg

### Saw bands

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

**Saw band informations** see page 273

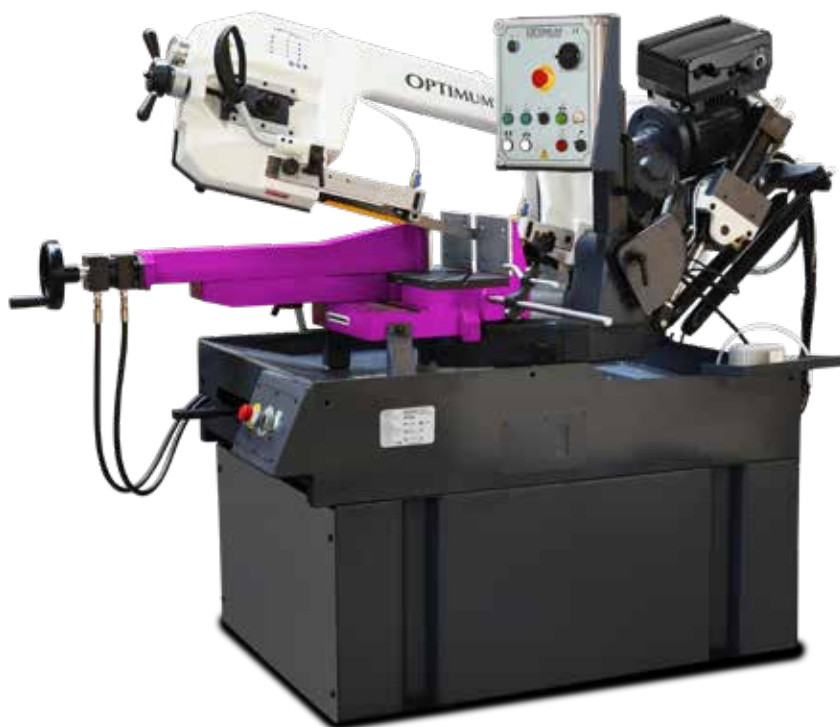
## Semi-automatic double mitre metal-cutting band saw with inverter drive Professional and robust saw

### Facts that impress in terms of quality, performance and price

- ▶ Heavy-duty industrial design
- ▶ Low-noise running action
- ▶ Manual or semi-automatic operation
- ▶ Saw band speed continuously adjustable from 0 to 80 m/min.
- ▶ Excellent cutting precision thanks to vibration-free action
- ▶ Mitre adjustment up to 60° by swivelling the entire saw bow
- ▶ Equipped as a factory standard with bi-metal saw blade
- ▶ End stops adjustable to degree accuracy
- ▶ Chip brush
- ▶ Microswitch for automatic limit position cut-off
- ▶ Roller support adjustable for long and heavy workpieces
- ▶ Powerful 100 Watt coolant system
- ▶ Ball bearing borne saw band guide with carbide shims for optimal cutting results
- ▶ Easy adjustment of the lowering speed via feed control valve in control panel
- ▶ Generously dimensioned, hydraulic quick-action vice, self-closing, movable for large cross-sections
- ▶ Machine with full equipment set; the user can immediately start productive work
- ▶ 2-channel safety chain with quick stop in case of emergency stop
- ▶ EMC class C2

### The machine is pre-assembled.

Individual components of the machine still have to be assembled and joined together.



### Arguments,...



#### Inverter

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






#### Robust quick-clamping vice

› Grooves for common angle settings

### Scope of delivery

- › Material stop
- › Bi-metal saw band 4-6 tpi M42
- › Machine base
- › Coolant pump

### Cutting areas

			
0°	Ø 270 mm	230 mm	230 x 350 mm
45°	Ø 230 mm	200 mm	210 x 220 mm
60°	Ø 140 mm	140 mm	140 x 220 mm
-45°	Ø 230 mm	170 mm	140 x 200 mm

The cutting range was determined on the basis of the saw bow weight with aluminium. It can vary when using different materials and may be smaller (not cutting capacity).

### Saw bands

#### 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

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

3357501

**Saw band informations** see page 273

<b>Model</b>	<b>SD 351AV</b>
Article no.	3290360
<b>Technical data</b>	
Electrical connection	400 V/3 Ph ~50 Hz
Total rated value	3.8 kW
Saw motor	2.2 kW
Coolant pump motor	50 W
Motor-hydraulic pump	1.4 kW
<b>Lifting the saw bow:</b>	
Manual operation	Hydraulic via pushbutton
Semi-automatic operation	automatic
Saw band speed	15 - 100 m/min
Saw band dimensions	continuously variable 2925 x 27 x 0.9 mm
Cutting angle	-45° up to 60°
Length x width x height min. approx.	1935 x 1425 x 1626 mm
Net weight approx.	600 kg

## Double mitre metal-cutting band saw with versatile deployment options in trades and industry

### 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
- ▶ Mitre adjustment -45° up to 60° by swivelling the entire saw bow
- ▶ Equipped as a factory standard with bi-metal saw blade
- ▶ Microswitch for automatic limit position cut-off
- ▶ Powerful 100 Watt coolant system
- ▶ Ball bearing borne saw band guide with carbide shims for optimal cutting results
- ▶ Easy adjustment of the lowering speed via feed control valve in control panel
- ▶ Clearly-arranged control panel

### The machine is pre-assembled.



Individual components of the machine still have to be assembled and joined together.



### Scope of delivery

- › Material stop
- › Bi-metal saw band 4-6 tpi M42
- › Machine base
- › Coolant pump

<b>Model</b>	<b>SD 500</b>
Articel no.	3292380
<b>Technical data</b>	
Electrical connection	400 V/3 Ph ~50 Hz
Total rated value	3.8 kW
Saw motor	2.2 kW
Coolant pump motor	100 W
Lifting the saw bow	manual
Feed	hydraulic via lowering cylinder
Saw band speed	35 / 70 m/min
Saw band dimensions	3770 x 34 x 1.1 mm
Cutting angle	-45° up to 60°
Dimensions L x W x H min. approx.	2122 x 1046 x 1497 mm
Net weight approx.	552 kg

### Arguments,...



#### Saw band tension

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



#### Roller support

- › For supporting long materials



#### Robust quick-clamping vice

- › Grooves for common angle settings

### Cutting areas

0°	Ø 355 mm	280 mm	280 x 490 mm
45°	Ø 355 mm	280 mm	280 x 340 mm
60°	Ø 230 mm	180 mm	180 x 220 mm
-45°	Ø 290 mm	250 mm	250 x 250 mm

The cutting range was determined on the basis of the saw bow weight with aluminium. It can vary when using different materials and may be smaller (not cutting capacity).

### Saw bands

Saw bands HSS bi-metal M 42		
Teeth per inch	Tooth angle	Articel no.
5 - 8 tpi	0°	3357590
6 - 10 tpi	0°	3357591

## Semi-automatic double mitre metal-cutting band saw with inverter drive Versatile deployment options in trades and industry

### Facts that impress in terms of quality, performance and price

- ▶ Heavy-duty industrial design
- ▶ Low-noise running action
- ▶ Manual or semi-automatic operation
- ▶ Excellent cutting precision thanks to vibration-free action
- ▶ Mitre adjustment -45° up to 60° by swivelling the entire saw bow
- ▶ Equipped as a factory standard with bi-metal saw blade
- ▶ Microswitch for automatic limit position cut-off
- ▶ Powerful 100 Watt coolant system
- ▶ Ball bearing borne saw band guide with carbide shims for optimal cutting results
- ▶ Easy adjustment of the lowering speed via feed control valve in control panel
- ▶ Generously dimensioned, hydraulic quick clamping vise, self-locking, laterally displaceable
- ▶ Pressure gauge for correct saw band tension
- ▶ Clearly-arranged control panel

### Function

#### Semi-automatic operation

- ▶ Closing the vice and activating the motor
- ▶ Lowering the saw arm for cutting
- ▶ Stopping the motor and returning the saw bow to its starting position

### Scope of delivery

- › Material stop
- › Bi-metal saw band 4-6 tpi M42
- › Machine base
- › Coolant pump



### Arguments,...



#### Inverter

- › for continuously adjustable saw band speed 20 - 80 m/min



#### Saw band tension

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

#### The machine is pre-assembled.






Individual components of the machine still have to be assembled and joined together.

<b>Model</b>	<b>SD 500AV</b>
Article no.	3292386

Technical data	
Electrical connection	400 V/3 Ph ~50 Hz
Total rated value	3.8 kW
Saw motor	3 kW
Coolant pump motor	100 W
Motor-hydraulic pump	1.4 kW
<i>Lifting the saw bow:</i>	
Manual operation	Hydraulic via pushbutton
Semi-automatic operation	automatic
Saw band speed	20 - 80 m/min
Saw band dimensions	3770 x 34 x 1.1 mm
Cutting angle	45° up to -60°
Dimensions L x W x H min. approx.	2129 x 1046 x 1687 mm
Net weight approx.	645 kg

### Cutting areas

			
0°	Ø 355 mm	300 mm	300 x 490 mm
45°	Ø 350 mm	290 mm	290 x 340 mm
60°	Ø 230 mm	180 mm	180 x 220 mm
-45°	Ø 290 mm	250 mm	250 x 250 mm

The cutting range was determined on the basis of the saw bow weight with aluminium. It can vary when using different materials and may be smaller (not cutting capacity).

### Saw bands

Saw bands HSS bi-metal M 42		
Teeth per inch	Tooth angle	Article no.
5 - 8 tpi	0°	3357590
6 - 10 tpi	0°	3357591