

## Transportable mitre bandsaws with excellent cutting precision, extremely low-noise. With continuously adjustable saw band speed

### 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 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

#### SP 11V

- ▶ Saw head swivels from 0° to +45° to allow angled sawing

#### SP 13V

- ▶ Saw head swivels from 0° to +60° to allow angled sawing



Fig.: SP13V

#### optional accessory

Machine chassis MUG 1

Stable, space-saving, folding, easy to transport

- ▶ Dimensions L x W x H: 500 x 470 x 780 mm

Art. no. 3630000

| Model                            | SP 11V               | SP 13V               |
|----------------------------------|----------------------|----------------------|
| Article no.                      | 3300070              | 3300075              |
| <b>Technical specifications</b>  |                      |                      |
| Electrical connection            | 230 V / 1 Ph ~50 Hz  | 230 V / 1 Ph ~50 Hz  |
| Motor output                     | 850 W                | 1 kW                 |
| <b>General instructions</b>      |                      |                      |
| Saw band speed                   | 30 - 80 m/min        | 30 - 80 m/min        |
| Saw band dimensions              | 1 335 x 13 x 0.65 mm | 1 440 x 13 x 0.65 mm |
| Cutting angle                    | 0° - 45°             | 0° - 60°             |
| <b>Dimensions</b>                |                      |                      |
| Length                           | 650 mm               | 720 mm               |
| Width without/with material stop | 290 / 670 mm         | 300 / 650 mm         |
| Height bottom/top limit position | 450 / 630 mm         | 420 / 680 mm         |
| Weight                           | 19 kg                | 19.5 kg              |

Important information on „Operation of machines with frequency converters“ on page 253

The metal-cutting bandsaw (frequency converter) complies with the DIN EN 55011 standard: class C2



#### Mitre square



- › Easily legible scale for adjusting the angle

#### Saw band guide



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




#### Vario drive



- › Continuously adjustable saw band speed from 30 - 80 m/min.

#### Scope of supply

- › Material stop
- › Bi-metal saw band

| Cutting areas |     |  |  |  |
|---------------|-----|---|---|---|
| SP 11V        | 0°  | Ø 105 mm  | 100 mm  | 100 x 100 mm  |
| SP 13V        |     | Ø 125 mm  | 125 mm  | 125 x 125 mm  |
| SP 11V        | 45° | Ø 65 mm   | 60 mm   | 60 x 65 mm  |
| SP 13V        |     | Ø 85 mm   | 85 mm   | 85 x 85 mm  |
| SP 13V        | 60° | Ø 45 mm   | 45 mm   | 45 x 50 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. |
|--------|----------------|-------------|-------------|
| SP 11V | 6 - 10 tpi     | 0°          | 3351542     |
|        | 10 - 14 tpi    | 0°          | 3351543     |
| SP 13V | 6 - 10 tpi     | 0°          | 3351546     |
|        | 10 - 14 tpi    | 0°          | 3351547     |

„General saw band information“ on page 220