

Metallkraft MBS - particularly quiet and precise mitre metal-cutting band saws. Ideal for use on the construction site and on the road

- ▶ Ideal for sawing steel, aluminium, copper, PVC and Teflon
- ▶ Continuously adjustable, electronic speed control from 30-80 m/min.
- ▶ Extremely low noise - up to 60% quieter than comparable band saws
- ▶ Low vibration and wear thanks to special gearbox with two large hardened steel gears
- ▶ Guaranteed cutting precision of max. 0.3 mm run-out over 100 mm cut length
- ▶ Each machine is individually precision tested in Italy
- ▶ DC drive motor, low speed and carbon brushes for up to 10x longer service life
- ▶ Electronic temperature and amperage draw monitoring prevents overload
- ▶ Cast band pulleys with ground running surface, without rubber supports, thus suitable for dry and wet cutting
- ▶ Massive saw bow made of cast aluminium (retroactively adjustable as of MBS 125) and with robust transport protection
- ▶ Two moving, adjustable saw band guides with chip scraper made of metal
- ▶ Very stable base plate with anti-slip feet
- ▶ Easy to service as all components are easily accessible
- ▶ Includes material stop and bi-metal saw band
- ▶ MBS 155 K with chassis, coolant device and coolant baffle plate
- ▶ Saw band with 10 – 14 teeth included in scope of supply



MBS 105



MBS 125



MBS 150

Manual

Technical specifications	MBS 105	MBS 125	MBS 150	MBS 155 K
Art. no.	3630105	3630125	3630150	3630152
Motor output 230 V / 50 Hz	850 W	1200 W	1.5 kW	1.5 kW
Saw band speed	30 – 80 m/min.	30 – 80 m/min.	30 – 80 m/min.	30 – 80 m/min.
Saw blade dimensions	1335 x 13 x 0.65 mm	1440 x 13 x 0.65 mm	1735 x 13 x 0.65 mm	1735 x 13 x 0.65 mm
Dimensions (L x W x H)	720 x 320 mm	720 x 320 mm	1000 x 390 mm	1000 x 390 mm
Weight	18 kg	19 kg	30 kg	86 kg

Cutting capacity MBS 105

	○	□	▬
90°	105	101	101 x 105
45°	70	70	70 x 70
45° +	-	-	-

Cutting capacity MBS 125

	○	□	▬
90°	125	125	130 x 125
45°	80	80	80 x 80
45° +	50	50	50 x 50

Cutting capacity MBS150 / MBS 155 K

	○	□	▬
90°	150	140	150 x 140
45°	100	90	100 x 90
45° +	70	65	65 x 70



- Two large tempered steel gearwheels for maximum service life
- DC drive motor, low speed and carbon brushes for up to 10x longer service life



MBS 155 K



Fig. shows MBS 105 on machine chassis MUG 1



Fig. shows MBS 150 on universal work table UWT 3200 with clamped workpiece



- Cast wheels with ground running surfaces and tapered roller bearings
- Without rubber supports and thus suitable for cutting with cooling (saw band does not slip off)
- Saw band tensioning at front, adjustable via handwheel



- 2x adjustable saw band guide, instead of just one
- Swarf scraper made of metal instead of felt to avoid wear



- Saw bow retroactively adjustable as of MBS 125



- Mitre square precisely adjustable; can be read off on scale



- Continuously variable speed control from 30-80 m/min.

Saw bands MBS 105	Art. no.
Bi-metal 1335 x 13 x 0.65 mm M 42 Z 6-10	3650011
Bi-metal 1335 x 13 x 0.65 mm M 42 Z 10-14	3650012

Saw bands MBS 150/ MBS 155 K	Art. no.
Bi-metal 1735 x 13 x 0.65 mm M 42 Z 6-10	3650017
Bi-metal 1735 x 13 x 0.65 mm M 42 Z 10-14	3650018

Saw bands MBS 125	Art. no.
Bi-metal 1440 x 13 x 0.65 mm M 42 Z 6-10	3650014
Bi-metal 1440 x 13 x 0.65 mm M 42 Z 10-14	3650015

Accessories	Art. no.
Universal workbench UWT 3200*	5900020
Machine chassis MUG 1**	3630000
High performance spray "Mecutspray"	38760.1150

"Chipmag" – Magnetic swarf removal device 3850010

*only fits MBS 150 without installation adapter; adapter Art. no. 3630125-1 required for installation on the MBS 125.

** only fits MBS 105, MBS 125, MBS 150, MTS 356, OPTI S 100G (Optimum)

Saw band sets	Art. no.
for MBS 105	3650020

consisting of:

- 1 x saw band BI-M 1335 x 13 x 0.65 t6-10°
- 1 x saw band BI-M 1335 x 13 x 0.65 t6-10
- 1 x saw band BI-M 1335 x 13 x 0.65 t10-14

for MBS 125	3650021
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consisting of:

- 1 x saw band BI-M 1440 x 13 x 0.65 t6-10°
- 1 x saw band BI-M 1440 x 13 x 0.65 t6-10
- 1 x saw band BI-M 1440 x 13 x 0.65 t10-14

MBS 150/155K	3650022
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consisting of:

- 1 x saw band BI-M 1735 x 13 x 0.9 t6-10°
- 1 x saw band BI-M 1735 x 13 x 0.9 t6-10
- 1 x saw band BI-M 1735 x 13 x 0.9 t10-14

