

Belt sanders

MBSM - Belt grinding machines

- ▶ Metal belt grinders for grinding surfaces, edges, and for rounding
- ▶ Powerful motors and vibration-free action for best grinding results
- ▶ Protective screen folds away
- ▶ Grinding belt changed within seconds thanks to quick-release system
- ▶ Large surface grinding area as upper grinding belt cover can be folded away
- ▶ Usable with or without extraction unit
- ▶ With extraction ports directly on the spark box and rear idler

- ▶ Continuous planing surface after removing attachment parts - allows for grinding of long workpieces
- ▶ Easy adjustment of belt action thanks to adjustment screw
- ▶ Automatic re-tensioning of the grinding belt thanks to spring-supported belt tensioning system

MBSM 100-130 and MBSM 100-130-2

- ▶ Can be used as a workbench and upright model (using the optional chassis)

MBSM 100-130-2, 75-200-2 and 150-200-2

- ▶ With two belt speeds - for grinding steel and stainless steel

MBSM 75-200 and MBSM 150-200-2

- ▶ Continuously variable grinding unit



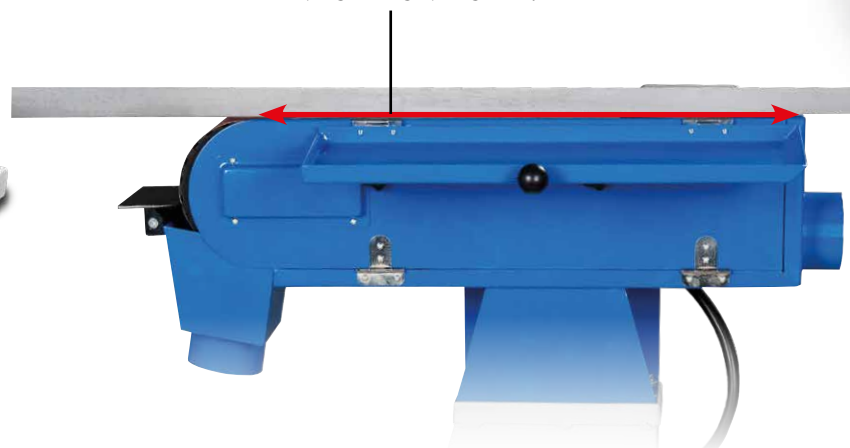
MBSM 100-130-2
With optional chassis



MBSM 100-130

- ▶ 230 Volt model with a single belt speed
- ▶ Standard scope of supply for use as a desktop model

- ▶ For all models, continuous planing surface thanks to removable attachment parts
- ▶ Allows for grinding of long workpieces



Model	MBSM 100-130	MBSM 100-130-2	MBSM 75-200-1 (230 V)	MBSM 75-200-1 (400 V)	MBSM 75-200-2	MBSM 150-200-2
Art. no.	3921226	3921225	3922070	3922071	3922075	3922150
Technical specifications						
Grinding width	100 mm	100 mm	75 mm	75 mm	75 mm	150 mm
Belt speed	19 m/s	9.5–19 m/s	29 m/s	29 m/s	14.5–29 m/s	14.5–29 m/s
Motor output	1.5 kW	1.5 kW	3 kW	3 kW	1.5–2.2 kW	2.2–2.8 kW
Electrical connection	230 V / 50 Hz	400 V / 50 Hz	230 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz
Grinding belt dimensions	100 x 1 220 mm	100 x 1 220 mm	75 x 2 000 mm	75 x 2 000 mm	75 x 2 000 mm	150 x 2 000 mm
Contact wheel Ø	130 mm	130 mm	200 mm	200 mm	200 mm	200 mm
Extraction duct nominal width outside	2 x 75 mm	2 x 75 mm	2 x 100 mm	2 x 100 mm	2 x 100 mm	2 x 100 mm
Dimensions in mm (L x W x H)	690 x 390 x 360	690 x 390 x 360	1 070 x 340 x 950	1 070 x 340 x 950	1 070 x 340 x 950	1 070 x 415 x 950
Weight	37 kg	37 kg	72 kg	72 kg	72 kg	90 kg



MBSM 150-200-2

MBSM 75-200-2

Matching extraction units
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Fast grinding belt replacement thanks to quick-clamping system (Fig. MBSM 150-200-2)



Extraction port Ø 100 mm (Fig. MBSM 150-200-2)



Generously dimensioned contact and drive wheels (Fig. MBSM 150-200-2)

Accessories MBSM 100-130 / MBSM 100-130-2	Art. no.	PQ
Optional chassis	3921227	1
Contact wheel	3921222	1
Graphite support	3921230	1
Grinding belts 100 x 1 220 mm		
40 grain	3726040	10
60 grain	3726060	10
80 grain	3726080	10
120 grain	3726120	10
Standard set 100 x 1220	3726000	1
consisting of: 3x40 grain, 4x80 grain, 3x120 grain		
Grinding belts 100 x 1 220 mm for extreme spot load		
40 grain	3727040	10
60 grain	3727060	10
80 grain	3727080	10
100 grain	3727120	10
Woven fabric set 100 x 1 220	3726001	1
consisting of: 3x40 grain, 4x80 grain, 3x120 grain		

Accessories MBSM 75-200-2	Art. no.	PQ
Contact wheel	3922076	1
Graphite support	3921231	1
Grinding belts 75 x 2 000 mm		
40 grain	3722004	10
60 grain	3722006	10
80 grain	3722008	10
120 grain	3722009	10
Standard set 75 x 2000	3722000	1
consisting of: 3x40 grain, 4x80 grain, 3x120 grain		
Grinding belts 75 x 2 000 mm for extreme spot load		
24 grain	3722022	10
36 grain	3722023	10
40 grain	3722024	10
60 grain	3722026	10
Woven fabric set 75 x 2 000	3722001	1
consisting of: 4x24 grain, 3x40 grain, 3x60 grain		

Accessories MBSM 150-200-2	Art. no.	PQ
Contact wheel	3922151	1
Graphite support	3921232	1
Grinding belts 150 x 2 000 mm		
40 grain	3722014	10
60 grain	3722016	10
80 grain	3722018	10
120 grain	3722019	10
Standard set 150 x 2000	3722010	1
consisting of: 3x40 grain, 4x80 grain, 3x120 grain		
Grinding belts 150 x 2 000 mm for extreme spot load		
24 grain	3723022	10
36 grain	3723023	10
40 grain	3723024	10
50 grain	3723025	10
60 grain	3723026	10
Woven fabric set 150 x 2 000	3722011	1
consisting of: 4x24 grain, 3x40 grain, 3x60 grain		

MBSM series – Metal belt grinders with integrated extraction unit

- ▶ Metal belt grinders for grinding surfaces, edges, and for rounding
- ▶ Powerful motors with vibration-free action to achieve the best possible grinding results
- ▶ Protective screen folds away
- ▶ Grinding belt changed within seconds thanks to quick-release system
- ▶ With 2 extraction ports - one directly on the spark box and one on the rear roller
- ▶ Continuous surface grinding area
- ▶ Easy adjustment of belt action thanks to adjustment screw
- ▶ Features motor brake, adjustable working height, protective screen, angle stop and motor circuit breaker as standard
- ▶ Continuously variable grinding unit

MBSM 75-20 AS and MBSM 150-20 AS

- ▶ With 2 integrated extraction units - one directly on the spark box and one on the rear roller



MBSM 75-20



MBSM 75-20 AS

Model	MBSM 75-20	MBSM 75-20 AS	MBSM 150-20	MBSM 150-20 AS
Art. no.	3712075	3712076	3712150	3712151
Technical specifications				
Integrated extraction unit	No	Yes	No	Yes
Grinding width	75 mm	75 mm	150 mm	150 mm
Belt speed	34 m/s	34 m/s	34 m/s	34 m/s
Motor output	3 kW	3.5 kW	3.5 kW	3.5 kW
Electrical connection	3 x 400 V/ 50 Hz	3 x 400 V/ 50 Hz	3 x 400 V/ 50 Hz	3 x 400 V/ 50 Hz
Grinding belt dimensions	75 x 2 000 mm	75 x 2 000 mm	150 x 2 000 mm	150 x 2 000 mm
Contact wheel Ø	200 x 75 x 24 mm	200 x 75 x 24 mm	200 x 150 x 28 mm	200 x 150 x 28 mm
Extraction duct nominal width outside	2 x 100 mm	2 x 100 mm	2 x 100 mm	2 x 100 mm
Intake capacity	–	630 m³/h	–	630 m³/h
Dimensions (L x W x H)	1 025 x 500 x 1 000 mm	1 025 x 500 x 1 000 mm	1 025 x 600 x 1 000 mm	1 025 x 600 x 1 000 mm
Weight	90 kg	91 kg	100 kg	114 kg



MBSM 150-20 AS



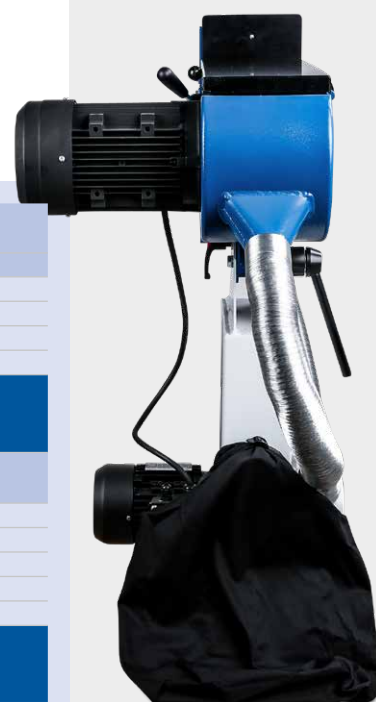
Tension/relieve belt via lever



Simple belt tracking adjustment



With 2 extraction ducts



Accessories MBSM 75-20	Art. no.	PQ
Grinding belts 75 x 2 000 mm		
40 grain	3722004	10
60 grain	3722006	10
80 grain	3722008	10
120 grain	3722009	10
Standard set 75 x 2000	3722000	1
<i>consisting of: 3x 40 grain, 4x 80 grain, 3x 120 grain</i>		
Grinding belts 75 x 2 000 mm for extreme spot load		
24 grain	3722022	10
36 grain	3722023	10
40 grain	3722024	10
60 grain	3722026	10
Woven fabric set 75 x 2 000	3722001	1
<i>consisting of: 4x 24 grain, 3x 40 grain, 3x 60 grain</i>		

Accessories MBSM 150-20	Art. no.	PQ
Grinding belts 150 x 2 000 mm		
40 grain	3722014	10
60 grain	3722016	10
80 grain	3722018	10
120 grain	3722019	10
Standard set 150 x 2000	3722010	1
<i>consisting of: 3x 40 grain, 4x 80 grain, 3x 120 grain</i>		
Grinding belts 150 x 2 000 mm for extreme spot load		
24 grain	3723022	10
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40 grain	3723024	10
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Woven fabric set 150 x 2 000	3722011	1
<i>consisting of: 4x 24 grain, 3x 40 grain, 3x 60 grain</i>		