

ENGLISH

SUPPLIED BY
SYNTECH[®]
SURFACE FINISHING SPECIALISTS

MONTI

YOUR SURFACE – OUR PASSION



MBX[®]

QUALITY MADE IN GERMANY SINCE 1987

The MBX® technology is especially developed for applications in car repair shops. The MBX® easily removes undercoating and rust – even in hard-to-reach areas.

The MBX® will remove paints with ease – especially in contours and edges, remove seals or gaskets on grey cast iron and clean weld seams & threads without damaging the metal surface.

Among its other awards, the MBX® Pneumatic was included among the winners in the “TOP 20 Tools Award” sponsored by the US specialty publication “Motor Magazine”.

MBX® Pneumatic Heavy Duty (HD)

Technical data:	
Weight:	1.1 kg 2.4 lbs
Threaded air inlet:	Rp 1/4"
Required hose diameter (interior):	9.5 mm 3/8"
Idle speed:	3500 rpm
Required flow pressure:	6.2 bar 90 psi
Average air consumption:	17.5 cfm 0.5 m³/min
Vibration:	1 m/sec²
Sound pressure level:	83 dB(A)



MBX® Technology

MBX® systems are different from conventional surface preparation systems in that MBX® systems are based on several physical principles: Flexible belts are inserted loosely into a cage-like adaptor system and secured with safety arms. The centrifugal force created by rotation causes the belt to tighten and work as if suspended on an air cushion.

Vibration Free Operation

The vibration of the wire bristles (occurring when the bristles first strike the target surface) is absorbed by the air-cushion. The bristles re-strike the surface, immediately following the first strike, dampening any remaining vibration and briefly stopping & releasing the bristles. Another full-rotation of the bristles and maximum kinetic energy is applied at the initial strike.

MBX® Belt Technology

MBX® belts consist of individual “U” shaped bristles anchored in a polyamide fabric. Made of carbon steel, the bristles have heat treated tips that strike the target surface individually during rotation.



MBX® Electric

Technical data:	
Weight:	2.2 kg 4.9 lbs
Output:	700 W
Voltage:	230 V or 120 V
Idle speed:	3200 rpm
Vibration:	0.79 m/sec²
Sound pressure level:	83 dB(A)

Areas of Application

Depending on the application and the surface / material to be treated, we offer MBX® belts of different contours and materials.

MBX® Belt, Coarse, Black



Removes undercoating and sealing compounds. Particularly suitable for areas with weld seams, contours and edges. Sandblast effect.

Bristles: Ø 0.7 mm steel, angled, tips ground and heat treated

23 mm (10 pack)
11 mm (10 pack)

Item Code MB-001-10
Item Code MB-020-10



MBX® Belt, Medium, Ochre



High performance rust removal belt with excellent cleaning effect. Fine sandblast effect.

Bristles: Ø 0.53 mm steel, angled, tips ground and heat treated

23 mm (10 pack)
11 mm (10 pack)

Item Code MB-009-10
Item Code MB-021-10



MBX® Belt, Fine, Green



Paint removal and cleaning work, removal of seals/gaskets on grey cast iron. No sandblast effect.

Bristles: Ø 0.5 mm steel, tips heat treated

23 mm (10 pack)
11 mm (10 pack)

Item Code MB-005-10
Item Code MB-028-10



MBX® Belt, Stainless Steel, Fine, Blue



Removal of paint and corrosion on aluminum bodies and superstructures, particularly in the riveting area of truck bodies; adapts well to contours. No sandblast effect.

Bristles: Ø 0.5 mm stainless steel, straight bristles

23 mm (10 pack)
11 mm (10 pack)

Item Code MB-007-10
Item Code MB-031-10



MBX® Belt, Stainless Steel, Coarse, Blue



Same as MBX® belt, stainless steel fine, but with sandblast effect for surfaces to be roughened.

Bristles: Ø 0.5 mm stainless steel, angled, ground tips

23 mm (10 pack)
11 mm (10 pack)

Item Code MB-011-10
Item Code MB-030-10

Vinyl Zapper®



Removes vinyl letters, adhesive residues, reflective decals, stickers, vinyl pinstripes and double-sided adhesive tape from acrylic paints on metal surfaces, wood and aluminum.

Width: 31 mm

Item Code ZU-010-01





MBX® Pneumatic Heavy Duty (HD) Set

- drive unit MBX® Pneumatic Heavy Duty
- adaptor system 23 mm
- adaptor system 11 mm
- 1 MBX® belt coarse, black, 23 mm
- 1 MBX® belt coarse, black, 11 mm
- 1 MBX® belt medium, ochre, 11 mm
- 1 MBX® belt fine, green, 11 mm
- 1 Vinyl Zapper®

in a blow mold case
in a cardboard box

Item Code SP-121-BMC
Item Code SP-121



MBX® Pneumatic Standard Duty (SD) Set

- drive unit MBX® Pneumatic Standard Duty
- adaptor system 11 mm
- 1 MBX® belt coarse, black, 11 mm
- 1 MBX® belt medium, ochre, 11 mm
- 1 MBX® belt fine, green, 11 mm

in a blow mold case
in a cardboard box

Item Code SP-200-BMC
Item Code SP-200



MBX® Electric Set

- drive unit MBX® Electric
- adaptor system 23 mm
- adaptor system 11 mm
- 1 MBX® belt coarse, black, 23 mm
- 1 MBX® belt coarse, black, 11 mm
- 1 MBX® belt medium, ochre, 11 mm
- 1 MBX® belt fine, green, 11 mm
- 1 Vinyl Zapper®

in a blow mold case
in a cardboard box

230 V Item Code SE-206-BMC
120 V Item Code SE-106-BMC
230 V Item Code SE-206
120 V Item Code SE-106



Adaptor Systems

for 23 mm-belts: **Item Code AS-009**
for 11 mm-belts: **Item Code AS-012**



Air Pressure Regulators

for 23 mm-belts: **Item Code ZU-071**
for 11 mm-belts: **Item Code ZU-070**



Swivel Connector

Item Code ZU-073



**Sharpening Stone
for MBX® belts**

Item Code ZU-003

MONTI - Werkzeuge GmbH
Headquarter
Hennef | Germany
T +49 (0) 2242 9090 630
info@monti.de
www.monti.de

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SURFACE FINISHING SPECIALISTS

☎ 0800 SYNTECH ✉ sales@syntechz.com 🌐 www.syntechz.com

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