

# MONTI



## **MBX<sup>®</sup> METAL BLASTER<sup>®</sup>** **Automotive**

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

The tool will easily remove paint - especially in contour and edge areas, remove seal or gaskets on grey cast iron, clean weld seams and threads without damaging the metal surface.

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



Watch application video with your smartphone (youtube)

or on our website:  
[www.monti.de/flash/metalblaster-en.html](http://www.monti.de/flash/metalblaster-en.html)

MBX® Metal Blaster®, Pneumatic Heavy Duty (PHD)	
Weight:	1.1 kg / 2.4 lbs
Air pressure connection thread :	Rp 1/4 "
Required hose diameter:	3/8 " ID (9.5 mm)
Rotational speed:	3500 RPM
Required flow pressure:	6.2 bar / 90 psi
Average air consumption:	17.5 CFM (500 l/min)
Vibration (EN ISO 8662-1; 8662-4):	1 m/sec <sup>2</sup>
Sound pressure level (DIN 45635-21; ISO 3744):	83 dB



### Patented 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 strike the target surface) is absorbed by the air-cushion. The bristles re-strike the target surface at rest (without vibration). This achieves the maximum kinetic energy.

### MBX® Belt technology

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



MBX® Electric	
Weight:	2.2 kg / 4.9 lbs
Output:	550 W
Voltage used:	230 V or 120 V
Rotation speed:	3200 RPM
Vibration (EN ISO 8662-1; 8662-4):	0.8 m/sec <sup>2</sup>
Sound pressure level (DIN 45635-21; ISO 3744):	83 dB



## 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 carbon spring steel, angled, tips ground and heat treated

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

Art.No. MB-001-10  
Art.No. MB-020-10



### MBX® Belt medium, ochre



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

Bristles: Ø 0,53 mm carbon spring steel, angled, tips ground and heat treated

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

Art.No. MB-009-10  
Art.No. MB-021-10



### MBX® Belt fine, green



Paint removal and cleaning work, removal of seals/gaskets on grey cast iron. Not for aluminum and aluminum die castings. No sandblast effect.

Bristles: Ø 0,5 mm carbon spring steel, tips heat treated

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

Art.No. MB-005-10  
Art.No. MB-028-10



### MBX® Belt, stainless steel, fine



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)

Art.No. MB-007-10  
Art.No. MB-031-10



### MBX® Belt, stainless steel, coarse



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)

Art.No. MB-011-10  
Art.No. MB-030-10

### MBX® Vinyl Zapper / Decal eraser



Removes vinyl letters, adhesive residues, reflecting foils stickers, pin-stripes and double-sided adhesive tape from acrylic paints on metal surfaces, wood and aluminum.

Width: 31 mm

Art.No. ZU-010-01





### MBX® Metal Blaster® set, PHD (Pneumatic Heavy Duty)

consisting of:

- 1 drive unit MBX® Pneumatic Heavy Duty
- 1 MBX® Adaptor System 23mm
- 1 MBX® Adaptor System 11mm
- 1 MBX® Belt coarse, black, 23mm
- 1 MBX® Belt coarse, black, 11mm
- 1 MBX® Belt medium, ochre, 11mm
- 1 MBX® Belt fine, green, 11mm
- 1 MBX® Vinyl Zapper / Decal eraser

packed in a blow mould case  
set delivered in a cardboard box

**SP-121-BMC**  
**SP-121**



### MBX® Metal Blaster® set, Electric

consisting of:

- 1 drive unit MBX® Electric
- 1 MBX® Adaptor System 23mm
- 1 MBX® Adaptor System 11mm
- 1 MBX® Belt coarse, black, 23mm
- 1 MBX® Belt coarse, black, 11mm
- 1 MBX® Belt medium, ochre, 11mm
- 1 MBX® Belt fine, green, 11mm
- 1 MBX® Vinyl Zapper / Decal eraser

set (230V) packed in a blow mould case **SE-206-BMC**  
set (230V) delivered in a cardboard box **SE-206**

set (120V) packed in a blow mould case **SE-106-BMC**  
set (120V) delivered in a cardboard box **SE-106**



### MBX® Metal Blaster® set, PSD (Pneumatic Standard Duty)

consisting of:

- 1 drive unit MBX® Pneumatic Standard Duty
- 1 MBX® Adaptor System 11mm
- 1 MBX® Belt coarse, black 11mm
- 1 MBX® Belt medium, ochre 11mm
- 1 MBX® Belt fine, green 11mm

set packed in a blow mould case  
set delivered in a cardboard box

**SP-200-BMC**  
**SP-200**



MBX® Adaptor Systems:  
for 23mm-Belts:  
for 11mm-Belts:

**AS-009**  
**AS-012**



Air Pressure Regulators

for 23mm-Belts **ZU-071**  
for 11mm-Belts **ZU-070**



Swivel Connector  
for compressed air supply  
Art.No. **ZU-073**



Re-sharpening stone  
for ground MBX® Belts  
Art.Nr. **ZU-003**

# MONTI

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