# MONTI

YOUR SURFACE - OUR PASSION



MBX®

The MBX® technology is especially deve-loped 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:                        | 3,500 rpm                          |
| Required flow pressure:            | 6.2 bar   90 psi                   |
| Average air consumption:           | 17.5 cfm   0.5 m <sup>3</sup> /min |
| Vibration:                         | 1 m/sec <sup>2</sup>               |
| Sound pressure level:              | 83 dB(A)                           |



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:           | 3,200 rpm               |
| Vibration:            | 0.79 m/sec <sup>2</sup> |
| 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) 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:  $\emptyset$  0.53 mm steel, angled, tips ground and heat treated

23 mm (10 pack) Item Code MB-009-10 Item Code MB-021-10

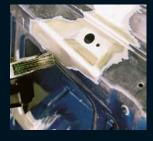


MBX® Belt, Fine, Green



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



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) Item Code MB-007-10 11 mm (10 pack) Item Code MB-031-10



MBX® Belt, Stainless Steel, Coarse, Blue



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

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

23 mm (10 pack) Item Code MB-011-10 11 mm (10 pack) Item Code MB-030-10





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 **Item Code SP-121-BMC** in a cardboard box 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 Item Code SP-200-BMC Item Code SP-200 in a cardboard box



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### 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

230 VItem Code SE-206-BMC

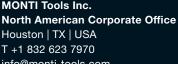
120 V Item Code SE-106-BMC

230 V Item Code SE-206 in a cardboard box

120 V Item Code SE-106

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