

# MONTIPOWER

JUST **MBX** IT!

- ➔ Coating and Scale Removal
- ➔ Weld Cleaning
- ➔ Decontamination
- ➔ Surface Preparation
- ➔ Texturing Applications
- ➔ Vinyl Removal



## THE MBX SURFACE TREATMENT SYSTEM

The MBX System is a unique, easy handling, fast performing power hand tool that drives a variety of wire belts and eraser wheels. The MBX's revolutionary technology offers distinct advantages over conventional surface preparation methods and will yield superior results — with far less time and effort.

### The MBX Technology

- 1 The flexible wire belts rotate in a patented housing, spinning outward with centrifugal force and working on a cushion of air.
- 2 Specially designed bristles are U-shaped staples inserted through a durable nylon belt and provide safe, long lasting performance.
- 3 Bristle tips have a positive rake angle, striking the surface and rebounding in a chiseling action – removing surface coatings and scale but not substrate material.
- 4 Bristle tips are hardened and ground sharp to effectively remove both hard and soft material and create textured surface profiles.
- 5 The toothed-wheel design of the eraser enables it to grab the edges of applied vinyl, peeling it from the surface without paint damage or residue.

- ➔ Automotive
- ➔ Marine
- ➔ Military
- ➔ Aviation
- ➔ Manufacturing
- ➔ Mining
- ➔ Utilities
- ➔ Metalworking
- ➔ Sign & Screen Printing
- ➔ Plant Maintenance
- ➔ Plastics
- ➔ Heavy Equipment
- ➔ Petroleum
- ➔ Construction
- ➔ Welding

## The MBX Advantage

- ➔ Rapidly removes corrosion and oxidation – both hard and soft material
- ➔ Performs on uneven surfaces
- ➔ Highly flexible in tight areas
- ➔ No clogging or gumming of bristles
- ➔ No grinding or removal of substrate material
- ➔ Efficient cutting action – creates angular profile
- ➔ Easily feathers into existing coatings
- ➔ Cleans surfaces evenly
- ➔ Full visibility of work surface
- ➔ No heat development
- ➔ Long performance life and low cost of operation
- ➔ High safety level

## Selected MBX Applications

- ➔ Removing corrosion and oxidation, rust and scale
- ➔ Removing paint, protective coatings and sealers
- ➔ Removing vinyl, decals, reflective tape and adhesives
- ➔ Removing slag and weld burn, decontaminating metal surfaces
- ➔ Creating surface textures — from sharp, angular profiles to smooth finish
- ➔ Feathering into existing coatings
- ➔ Roughing fiberglass, plastic or rubber surfaces for repair or bonding
- ➔ Removing residue from industrial, manufacturing or construction operations

## THE MBX TOOLS



MBX tools, available in pneumatic or electric drive units, are constructed to optimize the performance of the MBX belts and vinyl eraser. The high output rpm of the drive units are reduced to provide high torque, resulting in efficient performance and safe operation. The “in-line” design allows for increased control, flexibility and access during surface preparation tasks.

- ➔ Reduced rpm for maximum performance and safety
- ➔ Steady torque delivers consistent working speed
- ➔ Patented housing enables unique performance
- ➔ In-line operation provide control and maneuverability
- ➔ Light weight to prevent fatigue

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The MBX System combines ease of use, superior performance and safety of operation in a versatile tool that handles a wide variety of surface preparation tasks. Pneumatic and Electric Drive Units optimized for safety and performance — Specialized Wire Belts for a wide variety of surface preparation tasks — Vinyl Eraser Wheel for removing vinyl decals, tapes and adhesives.

## The MBX Advantage

- ➔ High safety level
- ➔ No heat development
- ➔ Efficient cutting action
- ➔ No clogging or gumming of bristles
- ➔ Flexibility in tight, uneven areas
- ➔ No grinding or removal of substrate
- ➔ Long performance life
- ➔ Low cost of operation

## THE MBX TOOLS SPECIFICATIONS

	
<b>Pneumatic Drive</b>	<b>Electric Drive</b>
<b>Free Speed:</b> 3,500 rpm	<b>Free Speed:</b> 3,200 rpm
<b>Required Air Pressure:</b> 90 psi	<b>Voltage Rating:</b> 120 v +/- 10%
<b>Average Air Consumption:</b> 4 cfm	<b>Amperes:</b> 4 amps
<b>Interior Air Hose Size:</b> 3/8"	<b>Weight:</b> 4.0 pounds
<b>Weight:</b> 2.4 lbs	<b>Warranty:</b> 6 months
<b>Warranty:</b> 6 months	

BELTS	SPECIFICATIONS	SIZES	APPLICATIONS
<b>Coarse Steel</b> 	WIRE 0.7mm carbon spring steel TIPS angled, hardened and sharpened FINISH coarse, sandblast-like texture	43mm 23mm 11mm	· Remove sealers, coatings · Profile steel surfaces · Roughen fiberglass, plastic & rubber
<b>Medium Steel</b> 	WIRE 0.5mm carbon spring steel TIPS angled, hardened and sharpened FINISH fine, sandblast-like texture	43mm 23mm 11mm	· Remove heavy rust, paint · Remove epoxy, marine growth · Profile aluminum surfaces
<b>Fine Steel</b> 	WIRE 0.5mm carbon spring steel TIPS straight and hardened FINISH smooth or lightly textured	43mm 23mm 11mm	· Remove light rust, paint · Remove gasket material · Clean contours, nooks & crannies
<b>Medium Stainless</b> 	WIRE 0.5mm surgical stainless steel TIPS angled and hardened FINISH fine sandblast-like texture	23mm 11mm	· Removes paint, corrosion · Cleans weld seams, burn & slag · Effective for non-ferrous metals
<b>Fine Stainless</b> 	WIRE 0.5mm surgical stainless steel TIPS straight FINISH smooth or lightly textured	23mm 11mm	· Removes paint and oxidation · Removes liquid gaskets · Cleans weld seams, safe on rivets
<b>Coarse Copper</b> 	WIRE 0.7mm copper beryllium TIPS angled FINISH sandblast-like texture	23mm	· Spark free operation · Removes rust, coatings · Cleans weld seams, burn & slag
<b>Medium Copper</b> 	WIRE 0.5 mm copper beryllium TIPS angled or straight FINISH smooth or lightly textured	23mm	· Spark free operation · Removes light rust, paint · Cleans weld seams
<b>Concrete Belt</b> 	WIRE 0.8mm spring steel TIPS straight FINISH clean, debris free	43mm	· Removes concrete residue from metal surfaces · Cleans crud and debris
<b>Vinyl Eraser Wheel</b> 	COMPOSITION rubber compound DESIGN toothed wheel FINISH clean metal, fiberglass & glass w/o damage to OEM paint or substrate	25mm	· Removes vinyl, decals & pinstripes · Removes reflective & DOT tape · Removes molding & adhesive tape

## IN ACTION



Quickly removes corrosion and coatings



Removes hard or soft material without clogging



Cleans without damaging healthy material



Strips unwanted residue and profiles surface



Performs on contours, uneven surfaces and edges



Easily removes vinyl, tape and adhesives

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