

MONTIPOWER'S MOBILITY SOLUTIONS



- ▶ COATING AND MILL SCALE REMOVAL
- ▶ WELD CLEANING AND ROUGHENING
- ▶ DECONTAMINATION
- ▶ SURFACE PREPARATION
- ▶ TEXTURING APPLICATIONS
- ▶ CORROSION REMOVAL

QUALITY MADE IN GERMANY SINCE 1987



**NOTHING
DESTROYS
IRON BUT
CORROSION**



CLEANING REMOVING PROFILING

Cars, trains, planes, trams, tractors or trailers. MontiPower has an extensive line of pneumatic, electric and cordless machines that provide cost-effective alternatives to prepare surfaces for adhesion, protection and finishing in the shop, plant or outdoor. Our direct-to-metal solutions reduce labour costs, improve safety, increase production and positively impact your bottom line. We have been supplying the automotive industry since 1987 and know the importance of speed and performance. Our surface preparation solutions are very adaptable to any shape and offer benefits that result from savings on logistics, better adhesive performance and fewer repairs, repaints or call-backs.

MBX®

THE MBX® - THE ONE STEP TOOL THAT EASILY REMOVES RUST, CORROSION, OXIDATION, ADHESIVES, GASKETS, LAYERS OF PAINT, UNDERCOATING, SEALERS, VINYL AND DRESSES WELD SEAMS.



LOW
ROTATIONAL
SPEED OF MAX.
3,500
RPM



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
- 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® TECHNOLOGY

- The flexible-wire belts rotate in a patented housing, spinning outward with centrifugal force and working on a cushion of air
- Specially designed bristles are U-shaped staples inserted through a durable nylon belt and provide safe, long lasting performance
- 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
- Bristle tips are hardened and ground sharp to effectively remove both hard and soft material and create textured surface profiles
- 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



- Low vibration levels
- Easy and safe handling
- U-shaped, anchored wires
- Low sound pressure level of max. 83 dB(A)
- Low rotational speed of max. 3,500 rpm



- Removes rust, paint, underseal and sealants
- Greater adaptability to contoured areas
- Minimal loss of base material
- No smearing and gumming up thanks to minimal generation of heat

VINYL ZAPPER®

THE PATENTED VINYL ZAPPER® REMOVES VINYL, ADHESIVE RESIDUES, REFLECTING DECALS, STICKERS, PIN-STRIPES AND DOUBLE-SIDED ADHESIVE TAPE FROM ACRYLIC PAINTS ON METAL, WOOD AND ALUMINIUM SURFACES.



REMOVAL RATE
35-50
SQ.FT
PER HOUR

The premier solution for removing adhesive residues from mouldings — and the amazing result: no damage of paintwork.

A specially engineered material consisting of a natural rubber base ensures no paintwork damage or smearing on the working surface despite a rotational operating speed of 3,500 rpm.

The Vinyl Zapper® is mounted onto an Adaptor system of 23 mm width and can either be used with the drive unit MBX® Pneumatic HD or Electric.

THE VINYL ZAPPER® ADVANTAGE

- No paint damage to OEM paint surfaces
- No surface damage on metal, glass, fiberglass or hard wood
- No heat damage or smearing on substrate
- No vibration or jumping – reducing operating fatigue
- Minimal adhesive residue – can be easily removed with suitable solvent
- Fast, easy operation – cuts labour by more than 60%

OPERATING TIPS

- Use light pressure only, do not bear down on the Vinyl Zapper®
- Start from the edges of the vinyl and move in a right to left motion across the edge of the vinyl
- Keep the eraser level on the surface, do not tilt
- Not recommended for use on polyethylene, polypropylene, acrylic, lexan or plexiglass
- Use a suitable solvent to remove remaining residue
- Wear protective eyewear

SUPERIOR PERFORMANCE



- Our product complies with the provisions of the EU Chemicals Regulation, Regulation (EC) No. 1907/2006: Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Low vibration levels



- Removes vinyl, adhesive residues, reflecting foils, stickers, decals and double-sided adhesive tape from acrylic paints on metal surfaces, bright metals, wood, aluminium and trim panels
- No damage to paintwork thanks to the patented design and the specially developed material based on natural rubber
- Fast working speed and excellent cleaning effect thanks to the 3,500 rpm operating speed

DIE BLASTER®

THE DIE BLASTER® WITH ITS PATENTED ACCELERATOR BAR IS SPECIALLY DESIGNED TO REMOVE CORROSION IN AREAS THAT ARE DIFFICULT TO REACH - LIKE DOOR RABBETS, ROOF JOINTS, WHEEL HOUSINGS - TO CREATE A BLASTED SURFACE FOR SUPERIOR ADHESION.



PATENTED
AIR
COOLING
SYSTEM

The Die Blaster® is a perfect complement to the well-proven MBX® system. The patented Accelerator Bar ensures a significantly higher and continuous performance of the Die Blaster® belts and thereby achieves:

- High performance in rust removal
- Fast paint removal
- High working speed while removing undercoating

THE DIE BLASTER® ADVANTAGE

- Reduces surface preparation time by 75%
- Creates a "blasted surface" for superior adhesion
- Saves time and money vs. traditional methods

SELECTED APPLICATIONS

The Die Blaster® is perfectly suitable for applications in areas that can hardly be reached.

It ensures corrosion removal, in particular:

- In wheel housings
- In roof joints
- Removal of sealing material, e.g. indoor foldings

REDUCES SURFACE PREPARATION TIME



- Low vibration (1.45 m/s)
- Low sound pressure level of 84 dB(A)
- Adjustable protection cover
- Low operating speed of 2,100 rpm



- Removes rust and sealants in areas that are difficult to reach
- Patented Accelerator Bar increases the striking energy of the bristles
- Creates a rough, "blasted" surface
- Metallically bright and thorough cleaning of the surface



**READY
TO TAKE
A SPIN**



SETS, BELTS & ACCESSORIES



MBX® ELECTRIC SET

SE-106-BMC 120V / 60Hz
SE-206-BMC 230V / 50Hz

Tool includes Electric tool and 23 mm belt housing (no wire belts)

- Drive Unit MBX® Electric
- Adaptor System 23 mm
- Adaptor System 11 mm
- 1 MBX® Belt, Steel, Coarse, Black, 23 mm
- 1 MBX® Belt, Steel, Coarse, Black, 11 mm
- 1 MBX® Belt, Steel, Medium, Ochre, 11 mm
- 1 MBX® Belt, Steel, Fine, Green, 11 mm
- Vinyl Zapper®
- Packed in a Blow Mould Case



MBX® PNEUMATIC SET

SP-200-BMC Standard duty tool
For daily, intermittent use

Tool includes Pneumatic tool and 23 mm belt housing (no wire belts)

- Drive Unit MBX® Pneumatic Standard Duty (PSD)
- Adaptor System 11 mm
- 1 MBX® Belt, Steel, Coarse, Black, 11 mm
- 1 MBX® Belt, Steel, Medium, Ochre, 11 mm
- 1 MBX® Belt, Steel, Fine, Green, 11 mm
- Packed in a Blow Mould Case



DIE BLASTER® PNEUMATIC SET

SDB-001-BMC

- Drive unit Die Blaster®
- Accelerator Bar
- Adaptor System 11 mm
- Swivel Connector
- Air Pressure Regulator for Die Blaster® system
- 2 Die Blaster® Belts, lime green, 11 mm
- 2 Die Blaster® Belts, lime green, 11 mm, right
- 2 Die Blaster® Belts, lime green, 11 mm, left
- Set packed in a blow mould case



DIE BLASTER® BELTS

Die Blaster® Belts are available as "full" and "half" 11 mm-belts. Half belts are ideal for works in hollows and other narrow areas, e.g. in roof joints.

ITEM NO. SET

DB-105 11 mm carbon steel belt
DB-106 11 mm carbon steel belt, right
DB-107 11 mm carbon steel belt, left

THE VINYL ZAPPER

The air-cushioned polymer wheel is designed to remove decals, pinstripes, molding tapes and adhesives without damaging the paint surface - no smearing, no jumping, no vibration - removes 35 - 50 sq. ft. per hour

Use Belt Housing AS-009-23

ITEM NO. QTY
ZU-010 1 ea



ADAPTOR SYSTEM

Includes: housing, washer, screw, allen wrench

ITEM NO.	WIDTH(MM)	APPLICATION
AS-012	11	11 mm belts
AS-009	23	23 mm belts, vinyl zapper

PACKAGE QTY 1 ea



RE-SHARPENING STONE

For re-sharpening MBX® Belts coarse and medium

ITEM NO. QTY
ZU-003 1 ea



MBX® BELTS

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

ITEM NO.	GRADE/MATERIAL*	WIDTH(MM)	BRAND COLOR
MB-020	Coarse, CS	11	Black
MB-001	Coarse, CS	23	Black
MB-021	Medium, CS	11	Ochre
MB-009	Medium, CS	23	Ochre
MB-028	Fine, CS	11	Green
MB-005	Fine, CS	23	Green
MB-030	Coarse, SS	11	Blue
MB-011	Coarse, SS	23	Blue
MB-031	Fine, SS	11	Blue
MB-007	Fine, SS	23	Blue

*Materials CS-Carbon Steel SS-Stainless Steel



SWIVEL CONNECTOR

Increases freedom of movement through a full 360°. Makes working even easier. Prevents air pressure hoses from twisting

ITEM NO.
ZU-073 Swivel connector



DUST EXHAUST

Captures up to 80% of the particles that arise as a result of the work process. Can be adapted for use with all commonly used industrial vacuum cleaners.

ITEM NO.
ZU-020 Dust Exhaust for MBX® Pneumatic





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