

# MONTIPOWER'S MOBILITY SOLUTIONS



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

QUALITY MADE IN GERMANY SINCE 1987



**NOTHING  
DESTROYS  
IRON BUT  
CORROSION**



## **CLEANING REMOVING PROFILING**

Cars, trains, planes, trams, tractors or trailers. MontyPower 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 labor 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 ALUMINUM 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 MBX® 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 labor 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



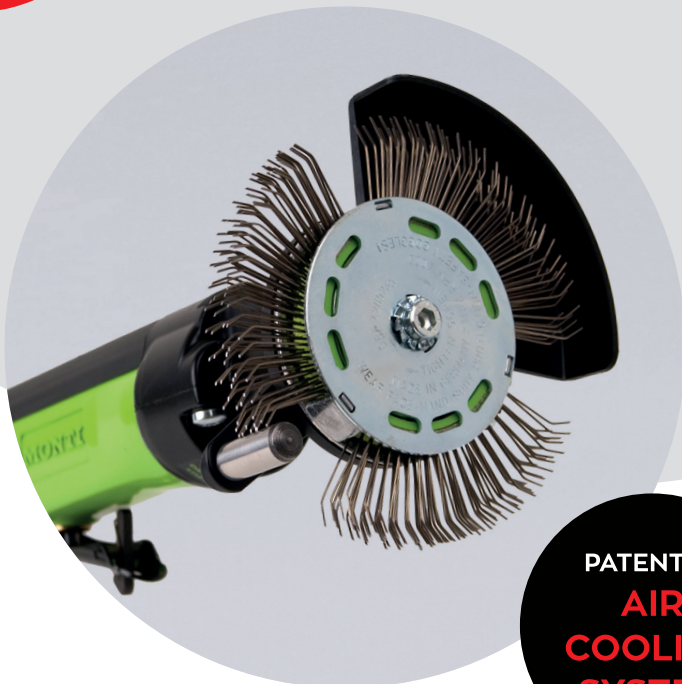
- Our product complies with the provisions of the EU Chemicals Regulation, Regulation (EC) No. 1907/2006: Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Low vibration levels



- Removes vinyl, adhesive residues, reflecting foils, stickers, decals and double-sided adhesive tape from acrylic paints on metal surfaces, bright metals, wood, aluminum 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 WAS 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

These characteristics make the Die Blaster® a perfect complement to the well-proven MBX® systems.

The patented Accelerator Bar ensures a significantly higher and continuous performance of the Die Blaster® belts and thereby achieves:

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

## THE MBX® ADVANTAGE

- ➊ Reduces surface preparation time by 75%
- ➋ Creates a “blasted surface” for superior adhesion
- ➌ Saves time and money vs. traditional methods

## SELECTED APPLICATIONS

The MBX® Die Blaster is perfectly suitable for applications in areas that can hardly be reached with the MBX® or other tools for surface preparation.

Corrosion removal, in particular:

- ➊ In wheel housings
- ➋ In roof joints
- ➌ Removal of sealing material, e.g. in door 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



The image is a composite of two photographs. The top photograph shows a white high-speed train with a red stripe, stopped at a station platform. A person is walking on the platform. The bottom photograph shows the underside of a large aircraft in a hangar, with its landing gear visible. A large red graphic with a torn edge separates the two images, containing the text 'READY TO TAKE A SPIN'.

**READY  
TO TAKE  
A SPIN**



# SETS, BELTS & ACCESSOIRES



## MBX® ELECTRIC SET SE-206-BMC

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

- Double insulated construction - does not require grounding
- 120V, AC only, 4.0 Amps
- Free speed: 3,200 RPM
- Sound Level: 83 dB
- Overall Length 12.5"
- Weight: 4.6 lbs



## MBX® PNEUMATIC SET SP-201-BMC

Standard duty tool  
For daily, intermittent use

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

- Recommended air pressure: 90 PSI
- Average air consumption: 17 cfm
- Free Speed: 3,500 RPM
- Sound level: 83 dB
- Air inlet thread size: 1/4 - 18NPT
- Recommended minimum hose I.D. 3/8"
- Overall Length: 12"
- Weight: 2.4 lbs



## 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)	BELT 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

### SWIFEL CONNECTOR

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

ITEM NO.	
ZU-073	Swifel 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-010	Dust Exhaust for MBX® Pneumatic







MontiPower - Part of Monti Group  
MONTI - Werkzeuge GmbH  
Reisertstr. 21 | 53773 Hennef | Germany  
T +49 (0) 2242 9090 630  
info@montipower.com  
www.montipower.com

MontiPower Australia  
4 / 122 Beresford Road  
Lilydale Victoria 3140 | Australia  
T +61 3 9737 2899  
info@montipower.com.au  
www.montipower.com.au

MontiPower New Zealand  
12b Saunders Place  
Avondale Auckland 1026 | New Zealand  
T: +64 21 660 077  
sales@montipower.co.nz  
www.montipower.co.nz

Africa - Americas - Australasia - Brazil - China - France - Germany - Holland - India - Japan - Middle East - Russia - South East Asia - UK