

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



CLEANING, REMOVING, PROFILING

MontiPower® has been supplying the automotive industry with advanced surface preparation solutions since 1987 and we understand the importance of speed and performance. Today, whether we speak of cars, trucks, trains, planes, trams or tractors and trailers, MontiPower® has an extensive line of pneumatic, electric and cordless machines that provide cost-effective alternatives to blasting in the shop, in the factory, or outdoors.

Our direct-to-metal surface preparation solutions are highly adaptable to most any substrate shape and our near-white metal finishes offer increased surfaces and superior adhesion to make your choice of coating perform better. Our solutions can reduce your labour and logistics costs, increase production through fewer repairs and downtime, improve safety, and positively impact your bottom line.

**NOTHING
DESTROYS
IRON LIKE
CORROSION**



EASY SIGNING REMOVAL;

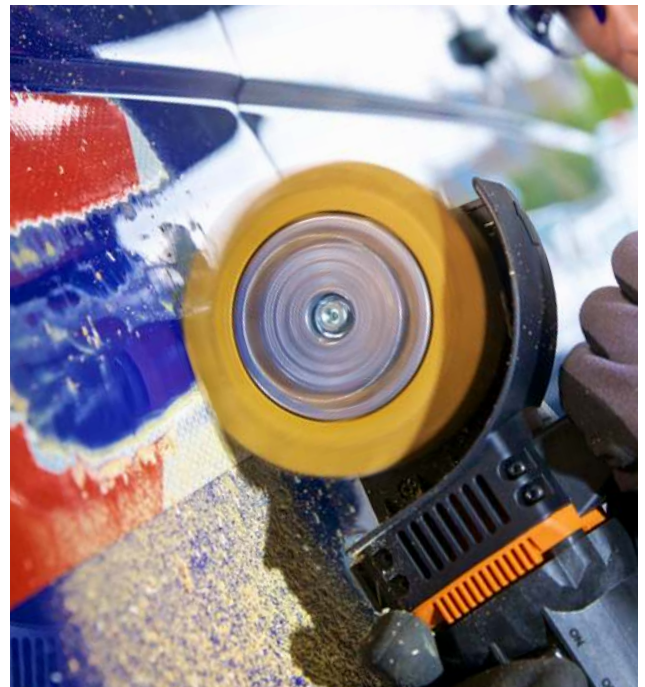
As early as the 18th century, merchants, shopkeepers and pedestrians began promoting their products with hand-painted plates. Some were true works of art. Today, huge printing machines can apply contemporary signing transfers to anything imaginable; from mega signings on cruise ships, to means of transport, trains, vehicles, aircraft and buildings and so on.

REPLACE SIGNINGS

Signing must be adjusted regularly. New brands, new styles, new slogans or action teams must replace old transfers. Until the arrival of the Vinyl Zapper®, this was a time-consuming task with or without hair dryer or other cumbersome tools.

MONTIPOWER VINYL ZAPPER®: EASY, QUICK AND CAREFULL.

The patented Vinyl Zapper® belt removes vinyl, adhesive residues, reflecting foils, stickers, decals and double-sided adhesive tape in the most easy and safe way. The Vinyl Zapper® handles underlying paintwork or material with care and is therefore the ideal tool for the simple and carefull removal of all vinyl residues.



EASY & QUICK REMOVALS:

- **VINYL REMOVAL**
- **ADHESIVE REMOVAL**
- **DECAL REMOVAL**

Removes also the plastic coating from an inner wall of an aircraft. Removes adhesive films and sign writing from car paintwork.

MBX®



LOW
ROTATIONAL
SPEED OF MAX.
3,500
RPM

Our MBX® technology has been specially developed for use in automotive workshops. The MBX® removes rust, corrosion, oxidation, gaskets, paint, underseal and sealants from car panels with ease.

THE MBX® ADVANTAGE

- Rapidly removes corrosion and oxidation of 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
- 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 polyamide 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



EASY AND SAFE HANDLING

- Low rotational speed - 3,500 rpm
- Low sound - max. 83 dB(A)
- Low vibration - 1 m/sec²
- Low heat development



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

VINYL ZAPPER®

REMOVAL
RATE
35-50
SQ.FT
PER HOUR



The patented MBX® Vinyl Zapper® removes vinyl, adhesive residues, reflecting decals, stickers, pin-stripes and double-sided adhesive tape from acrylic paints on metal and aluminium surfaces.

The premier solution for removing vinyls and adhesives without damaging OEM paint or harming substrates. Operating speed ensures a quick and optimal cleaning of the surface.

Specially engineered material with natural rubber base ensures no harm or smearing to working surface.

Unique eraser wheel with angled fingers provides a 'grab and peel' effect on the vinyl to lift from the surface.

The patented notched fingers provide flexibility and increased air flow to the surface avoiding heat build up.

The Vinyl Zapper® is mounted on a 23 mm wide Adaptor System and can be used either with MBX® Electric or MBX® Pneumatic tool.

THE VINYL ZAPPER® ADVANTAGE

- No surface damage on metal, glass, fiberglass or hard wood
- No vibration or jumping – reducing operating fatigue
- Leaves minimal adhesive residue – which 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



EASY AND SAFE HANDLING

- Low vibration
- Low heat development
- Complies with EU REACH Regulation (No. 1907/2006 on Registration, Evaluation, Authorisation and Restriction of Chemicals.)



- 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

VINYL ZAPPER® ULTIMATE

NEW!

**EASY LOCK
ADAPTOR
SYSTEM**



The patented MBX® Vinyl Zapper® Ultimate 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.

The patented design of our German-made MBX® Vinyl Zapper® Ultimate ensures that the paintwork is left undamaged. The MBX® Vinyl Zapper® Ultimate belt is mounted onto an Adaptor System of 30 mm width and can be used cordless with a 18V battery.

- To be used on specially designed speed reduced battery driven machine
- Very safe operation due to reduced rpm of 1,350
- Wearless
- No adhesive residue
- Mobile application even outdoors with battery-driven tool
- Fast change of Vinyl Zapper wheels due to the Easy Lock Adaptor System
- Also belts in 15 mm size available
- Suitable cleaning wipes as after-care are recommended to use due to silicone contamination
- Batteries are interchangeable with other CAS System partnet batteries (and cahrgers)

MBX® AXIAL

UNIQUE ON & OFF ACCELERATOR BAR



The MBX® Axial 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.

The MBX® Axial 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.

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

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

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

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



EASY AND SAFE HANDLING

- Low vibration - 1.45 m/sec
- Low sound - 84 Db(A)
- Adjustable protective cover



- 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
- Metallicly bright and thorough cleaning of the surface

**QUALITY
MADE IN
GERMANY
SINCE
1987**



VINYL ZAPPER® ULTIMATE

PREPARATION
FROM
SCRATCH

NEW!

**WEARLESS
ERASER
WHEEL**



 **MONTIPOWER**
Surface Preparation Technologies
Part of Monti Group

www.montipower.com

MBX® SETS, BELTS & ACCESSORIES



MBX® PNEUMATIC SET

SP-121-BMC Heavy Duty

- Drive Unit MBX® Pneumatic Heavy Duty (PHD)
- Adaptor System, 23 mm and 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
- 1 Vinyl Zapper®
- Packed in a Blow Mould Case



MBX® ELECTRIC SET

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

- Drive Unit MBX® Electric
- Adaptor System, 23 mm and 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
- 1 Vinyl Zapper®
- Packed in a Blow Mould Case



MBX® AXIAL SET

SDB-201-BMC

- Drive Unit MBX® Axial Pneumatic including Air Pressure Regulator, 360° Swivel Connector
- Adaptor System, 11 mm
- 2 MBX® Belts, steel, coarse, black, 11 mm
- 2 MBX® Belts, steel, medium, ochre, 11 mm
- 2 MBX® Belts, steel, fine, green, 11 mm
- Packed in a Blow Mould Case

MBX® BELTS

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

MB-020-05	Coarse, CS*	Black	11 mm, 5 pc
MB-001-05	Coarse, CS	Black	23 mm, 5 pc
MB-021-05	Medium, CS	Ochre	11 mm, 5 pc
MB-009-05	Medium, CS	Ochre	23 mm, 5 pc
MB-028-05	Fine, CS	Green	11 mm, 5 pc
MB-005-05	Fine, CS	Green	23 mm, 5 pc
MB-030-05	Coarse, SS	Blue	11 mm, 5 pc
MB-011-05	Coarse, SS	Blue	23 mm, 5 pc
MB-031-05	Fine, SS	Blue	11 mm, 5 pc
MB-007-05	Fine, SS	Blue	23 mm, 5 pc

*Materials CS-Carbon Steel SS-Stainless Steel



ADAPTOR SYSTEM

AS-012 for 11 mm belts
AS-009 for 23 mm belts, Vinyl Zapper®



AIR PRESSURE REGULATOR

Incl. coupling and nipple.

ZU-070 For 11 mm belts (reduction to 5.2 bar)
ZU-071 For 23 mm belts (reduction to 6.2 bar)



SWIVEL CONNECTOR

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

ZU-073 Swivel connector for drive unit Pneumatic



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.

ZU-020 Dust Exhaust for MBX® Pneumatic



DRIVE UNIT ONLY

SP-118 for MBX® Pneumatic Heavy Duty incl. Adaptor Systems 23 mm & 11 mm
SP-205 for MBX® Pneumatic incl. Adaptor Systems 23 mm & 11 mm
SE-204 for MBX® Electric incl. Adaptor Systems 23 mm & 11 mm (230V / 50Hz)
SE-110 for MBX® Electric incl. Adaptor Systems 23 mm & 11 mm (120V / 60Hz)

RE-SHARPENING

For re-sharpening MBX® belts, coarse and medium.

ZU-003



VINYL ZAPPER® SETS, BELTS & ACCESSORIES



VINYL ZAPPER® ELECTRIC SET

SE-202-BMC 230V / 50Hz
SE-105-BMC 120V / 60Hz

- Drive Unit MBX® Electric
- Adaptor System, 23 mm
- 3 Vinyl Zapper® wheels
- Packed in a Blow Mould Case



VINYL ZAPPER® ULTIMATE SET

SB-202
SB-201 Without battery and charger

- Cordless Drive Unit, reduced rotation speed for safe working (ca. 1,350 rpm) incl. Anti-Vibration-Handle
- 1 Battery LiHD 18V / 5.5Ah
- Lithium-ion Battery Fast Charger
- Vinyl Zapper® Ultimate 30 wheel, silicone compound, wearless
- Easy Lock-Adaptor Hub
- Packed in carton box

BATTERY

Battery LiHD.

ZU-600 18V / 5.5 Ah



CHARGER

Lithium-ion Battery Fast Charger.
Air-cooled, suitable for CAS batteries.

ZU-601 12 - 36V



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

ZU-010-01



ADAPTOR SYSTEM

AS-009 for 23 mm belts



VINYL ZAPPER® ULTIMATE

Silicone compound almost no wear-out!

ZU-017 Working width ca. 30 mm
ZU-018 Working width ca. 15 mm



MBX® AXIAL SETS, BELTS & ACCESSORIES

MBX® BELTS

MB-020-05	Coarse, CS*	Black	11 mm, 5 pc
MB-021-05	Medium, CS	Ochre	11 mm, 5 pc
MB-028-05	Fine, CS	Green	11 mm, 5 pc
MB-030-05	Coarse, SS	Blue	11 mm, 5 pc
MB-031-05	Fine, SS	Blue	11 mm, 5 pc

*Materials CS-Carbon Steel SS-Stainless Steel



ADAPTOR SYSTEM

AS-012 for 23 mm belts



UPGRADE KIT STEEL

Upgrade Kit enables the use of the machine with Birstle Blaster® belts, consisting of:

ZU-082 Arm for Accelerator Bar screw and Allen key, Accelerator Bar, steel

BELTS

BB-034-05	Steel	11 mm, 5 pc
BB-098-05	Steel	11 mm - right, 5 pc
BB-099-05	Steel	11 mm - left, 5 pc

UPGRADE KIT STAINLESS STEEL

Upgrade Kit Enables the use of the machine with Birstle Blaster® belts, consisting of:

ZU-083 Arm for Accelerator Bar screw and Allen key, Accelerator Bar, stainless steel

BELTS

BB-103-05	Stainless steel	11 mm, 5 pc
BB-108-05	Stainless steel	11 mm - right, 5 pc
BB-109-05	Stainless steel	11 mm - left, 5 pc



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