

# MONTI TOOL'S AUTOMOTIVE & TRANSPORTATION SOLUTIONS



- › BRUSHING
- › SCRAPING
- › CUTTING
- › POLISHING
- › SCALING
- › DECAL
- › CLEANING
- › SAWING
- › MOUNTING
- › DRILLING
- › GRINDING
- › BRISTLE BLASTING
- › MISCELLANEOUS

METAL BLASTING MBX-RANGE EXTENSIONS WITH THE FORMERLY  
KNOWN AIRAPP POWERTOOLS FROM RATINGEN, GERMANY

QUALITY MADE IN GERMANY SINCE 1987

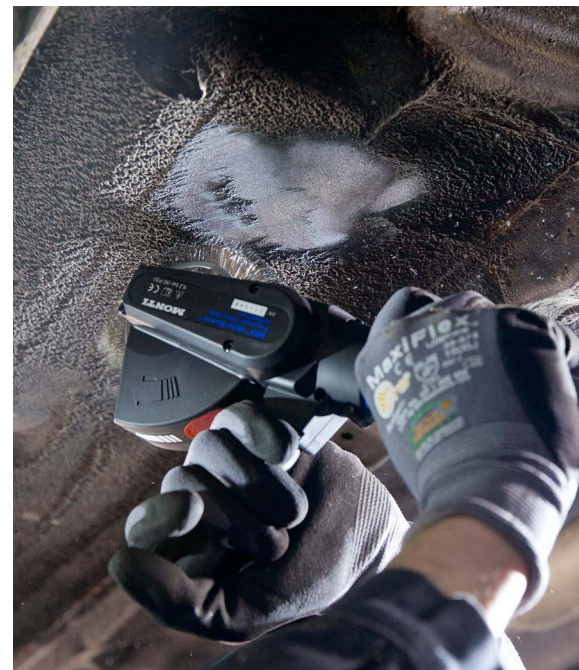


# CLEANING, REMOVING, PROFILING

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. Under the name and brands MBX, Metal Blaster.

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 SIGNAGE AND VINYL 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 signage transfers to anything imaginable; from mega signage on cruise ships, to means of transport, trains, vehicles, aircraft and buildings and so on.

### NEW SIGNAGE

Signage 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® wheel 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®

# MBX® PNEUMATIC REVERSE



Our MBX® technology has been specially developed for use in automotive workshops.

## 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 are angled, 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



LOW  
ROTATIONAL  
SPEED OF  
**3,500**  
RPM



The MBX® Pneumatic Reverse with adjustable rotation speed control was specially developed to resharpen the brushes without removing the brush from the adaptor system.

Details	
Length	300 mm
Height (incl. handle)	180 mm
Width	80 mm
Weight	1.3 kg   2.9 lbs
Belt diameter (outer)	100 mm
Required flow pressure	6.2 bar   90 psi
Average air consumption	17.5 cfm   0.5 m³/min
Idle speed (± 5%)	3,500 rpm
Threaded air inlet	Rp 1/4"
Required hose diameter (interior)	9.5 mm   3/8"
Vibration	1 m/sec²
Sound pressure level	83 dB(A)



### 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





**THE WORLDS**  
**CARS, TRAINS, PLANES, BUSES,**  
**BIKES, TRACTORS, TRAILERS AND**  
**BOATS DESERVE THE BEST LOOK**



**MB**  
JUST MBX-IT



# MBX® ULTIMATE ELECTRIC VARIOMATIC



AVAILABLE IN  
240V / 50HZ &  
110V / 60HZ

The MBX® Ultimate Variomatic is an electric MBX® available in 230 and 120V with variable adjustable speed. Equipped with a dead man's switch, protection cover and vibration-absorbing handle.

This set is excellent for use in combination with all common MBX® brushes and Vinyl Zapper® wheels where a reduced amount of RPM is desired for optimum effectiveness.

Details	
Length	420 mm
Height (incl. handle)	160 mm
Width	80 mm
Weight	2.2 kg   4.9 lbs
Output	700 W
Idle speed (± 5%)	Set 1 750 rpm
	Set 3 1350 rpm
	Set 6 2350 rpm
Vibration	4 m/sec²
Sound pressure level	<80 dB(A)

# 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.

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

The MBX® Axial tool can be used with MBX® Belts. When equipped with an Accelerator Bar (optional purchase item, ZU-082 / ZU-083), it can also be used with Bristle Blaster® Belts – for higher bristle impact and efficiency.

Details	
Length	300 mm
Width	125 mm
Weight	1.1 kg   2.4 lbs
Belt diameter (outer)	100 / 110 mm
Required flow pressure	6.2 bar   90 psi
Average air consumption	14.2 cfm   0.4 m³/min
Idle speed (± 5%)	2,700 rpm
Threaded air inlet	G 1/4"
Required hose diameter (interior)	9.5 mm   3/8"
Vibration	1.45 m/sec²
Sound pressure level	84 dB(A)



# MBX® ULTIMATE CORDLESS



USE FOR  
**SPOT  
REPAIR**



**NEW!**

**WEARLESS  
ERASER  
WHEEL**



The MBX® Ultimate Cordless is a cordless 18V MBX®, equipped with a dead man's switch, protection cover and vibration-absorbing handle.

This set is suitable for use with all available MBX® brushes, wherever the ease of use of a cordless machine is desired.

As part of the Cordless Alliance System, battery packs and chargers from different manufacturers can be used interchangeably.

We recommend using the 18V/8.0 Ah battery pack, which should last up to 0.5m² per fully charged battery.

Details	
Length	420 mm
Height (incl. handle)	160 mm
Width	80 mm
Weight (without battery)	2.2 kg   4.9 lbs
Max. output	700 Watt
Idle speed (± 5%)	2,300 rpm
Vibration	4 m/sec²
Sound pressure level	<80 dB(A)
Required battery, voltage	CAS (Cordless Alliance System), LiHD 18 V





# MBX® 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 CORDLESS

**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.

- To be used on specially designed speed reduced battery driven machine
- Wearless
- Mobile application even outdoors with battery-driven tool
- Also Vinyl Zapper® wheels in 15 mm width available
- Batteries are interchangeable with other CAS System partner batteries (and chargers)

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

- Very safe operation due to reduced rpm of 1,350
- No adhesive residue
- Fast change of Vinyl Zapper® wheels due to the Easy Lock Adaptor System
- Suitable cleaning wipes as after-care are recommended to use due to silicone contamination



# VINYL ZAPPER® SETS, BELTS & ACCESSORIES



### VINYL ZAPPER® ULTIMATE ELECTRIC VARIOMATIC SET

**SE-2050** 230V / 50Hz  
**SE-2150** 120V / 60Hz

- Drive Unit MBX® Ultimate Electric Variomatic
- Adaptor System, 23 mm
- 3 Vinyl Zapper® wheels
- Packed in carton box



### VINYL ZAPPER® ULTIMATE SET

**SB-201** Without battery and charger  
**SB-202** Battery LiHD 18 V, 5.5 Ah  
**SB-203** Battery LiHD 18 V, 8.0 Ah

- Cordless Drive Unit, reduced rotation speed for safe working (ca. 1350 RPM) incl. vibration-absorbing handle, MONTI EasyLock-Adaptor Hub
- 1 Battery LiHD 18V / 5.5Ah or 8.0 Ah
- Lithium-ion Battery Fast Charger
- Vinyl Zapper® Ultimate 30 wheel, (silicone compound, wearless!)
- Packed in carton box

### BATTERY

Battery LiHD.

**ZU-602** 18 V / 8.0 Ah



### CHARGER

Lithium-ion Battery Fast Charger. Air-cooled, suitable for CAS batteries of 12-36 V, mains voltage 220-240 V.

**ZU-601**



### 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

<b>MB-020-05 / 10</b>	Coarse, CS*	Black	11 mm, 5 / 10 pc
<b>MB-021-05 / 10</b>	Medium, CS	Ochre	11 mm, 5 / 10 pc
<b>MB-028-05 / 10</b>	Fine, CS	Green	11 mm, 5 / 10 pc
<b>MB-030-05 / 10</b>	Coarse, SS	Blue	11 mm, 5 / 10 pc
<b>MB-031-05 / 10</b>	Fine, SS	Blue	11 mm, 5 / 10 pc

\*Materials CS-Carbon Steel SS-Stainless Steel



### ADAPTOR SYSTEM

**AS-012** for 11 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

<b>BB-034-05 / 10</b>	Steel	11 mm, 5 / 10 pc
<b>BB-099L-05 / 10</b>	Steel	11 mm - left, 5 / 10 pc
<b>BB-098R-05 / 10</b>	Steel	11 mm - right, 5 / 10 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

<b>BB-103-05 / 10</b>	Stainless steel	11 mm, 5 pc
<b>BB-109L-05 / 10</b>	Stainless steel	11 mm - left, 5 pc
<b>BB-108R-05 / 10</b>	Stainless steel	11 mm - right, 5 pc

# MBX® SETS, BELTS & ACCESSORIES



### MBX® PNEUMATIC REVERSE SET

**SP-421**

- Drive Unit MBX® Pneumatic Reverse
- 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 carton box



### MBX® ULTIMATE ELECTRIC VARIOMATIC SET

**SE-2041** 120V / 60Hz  
**SE-2141** 230V / 50Hz

- Drive Unit MBX® Ultimate Electric Variomatic
- 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 carton box



### 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.

<b>MB-020-05 / 10</b>	Coarse, CS*	Black	11 mm, 5 / 10 pc
<b>MB-001-05 / 10</b>	Coarse, CS	Black	23 mm, 5 / 10 pc
<b>MB-021-05 / 10</b>	Medium, CS	Ochre	11 mm, 5 / 10 pc
<b>MB-009-05 / 10</b>	Medium, CS	Ochre	23 mm, 5 / 10 pc
<b>MB-028-05 / 10</b>	Fine, CS	Green	11 mm, 5 / 10 pc
<b>MB-005-05 / 10</b>	Fine, CS	Green	23 mm, 5 / 10 pc
<b>MB-030-05 / 10</b>	Coarse, SS	Blue	11 mm, 5 / 10 pc
<b>MB-011-05 / 10</b>	Coarse, SS	Blue	23 mm, 5 / 10 pc
<b>MB-031-05 / 10</b>	Fine, SS	Blue	11 mm, 5 / 10 pc
<b>MB-007-05 / 10</b>	Fine, SS	Blue	23 mm, 5 / 10 pc

\*Materials CS-Carbon Steel SS-Stainless Steel



### ADAPTOR SYSTEM

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



### RE-SHARPENING

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

**ZU-003**



### 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



### DRIVE UNIT ONLY

**SP-418** for MBX® Pneumatic Reverse incl. Adaptor Systems, 23 mm & 11 mm  
**SE-2040** for MBX® Ultimate Electric Variomatic incl. Adaptor Systems, 23 mm & 11 mm (230V / 50Hz)

### RECYCLING BIN

You can collect Bristle Blaster® belts for recycling. The recycling box can hold up to 180 belts.







## THE METAL BLASTER MBX RANGE FEATURING THE FORMERLY KNOWN AS AIRAPP POWERTOOLS

Discover our extended MBX® range - the formerly known Airapp Powertools. These high-quality compressed air tools have been incorporated into our lineup, providing an expanded selection to cater to your diverse needs. The formerly known Airapp Powertools have built a strong reputation for their performance and reliability across various applications. Crafted with precision and designed for excellence, these tools consistently deliver dependable results.

By including the formerly known Airapp Powertools in our range, MontiPower aims to offer you a wider range of choices, ensuring that you can find the ideal solution for your projects.

Discover the expanded MBX® range and unlock new possibilities with our new Powertools. Embrace quality, performance, and reliability as you take your craftsmanship to the next level.





# NEEDLE DESCALER

## GN4, GN5



**GN4**

**SMALL AND HANDY  
POWERFUL  
NEEDLE SCALER**

### GN4 NEEDLE DESCALER

Straight needle descaler with 12 steel needles Ø 3 mm for fine rust removal work.

Suitable for commercial vehicle repairs, tire service, bodywork, machinery, and metal construction.

Housing material: steel, stainless steel, and aluminum alloys; rubber for cold and vibration protection.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Needle	Ø 3 mm
Impact Frequency	4800 S/min
Number of needles	12 piece
Weight	1.3 kg



**GN5**

**UNIVERSAL  
FOR  
DERUSTING OR  
SCRAPING**

### GN5 NEEDLE DESCALER

Straight needle scaler with 19 steel needles Ø 3 mm for rough rust removal work. Including 2 scraper chisels 20 mm straight and 30 mm angled for removing large layers of paint.

Suitable for commercial vehicle repairs, tire service, body construction, machine and metal construction.

Housing material Steel, stainless steel and aluminum alloys, rubber as protection against cold and vibration.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Needle	Ø 3 mm
Impact Frequency	4000 S/min
Number of needles	19 piece
Weight	2.5 kg

# NEEDLE DESCALER

## GN6, GN7/03



**GN6**

**COMPACT  
WITH  
COLD &  
VIBRATION  
PROTECTION**

### GN6 NEEDLE DESCALER

Fine 2 mm needles for working on contours and hard-to-reach areas. Optional 3 mm needles are also available for coarse work.

Suitable for commercial vehicle repairs, tire service, bodywork, machinery, and metal construction.

Housing material: steel, stainless steel, and aluminum alloys; rubber for cold and vibration protection.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Needle	Ø 2 mm
Impact Frequency	3000 S/min
Number of needles	29 piece
Weight	2.7 kg



**GN7/03**

**3 MM  
NEEDLES  
FOR FINE RUST  
REMOVAL**

### GN7/03 NEEDLE DESCALER

Coarse 4 mm needles for heavy rust removal work. Optional 3 mm needles are available for fine work..

Suitable for commercial vehicle and truck repairs, shipbuilding, bodywork, machinery, and metal construction.

Housing material: steel, stainless steel, and aluminum alloys; rubber for cold and vibration protection.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Needle	Ø 4 or 3 mm
Impact Frequency	2500 S/min
Number of needles	35 piece
Weight	6.0 kg



# SANDING

## SE1/2, SE14



### SE1/2 ECCENTRIC SANDER

High-quality, oil-free eccentric sander for automotive and industrial use. Powerful motor, low-profile design to minimize vibrations and pendulum movements. CNC-machined shafts for balance. Cold protection, insulated handle.

User-friendly single-handed speed control. SE1 and SE2 can operate without extraction. Rotatable suction connection for Ø 29 mm hoses. 15-hole pad for precise sanding and efficient dust extraction.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Stroke	2.5 mm / 5.0 mm
15 hole - Velcro pad	Ø 150 mm, convertible to 125 mm
Speed	12 000 rpm
Weight	0.70 kg / 0.68 kg



### SE14 ECCENTRIC SANDER

Ergonomic eccentric sander for automotive applications. Lightweight design with a powerful motor. The optimized and low-profile design prevents unwanted pendulum movements. CNC-machined and finely balanced eccentric shafts make this sander particularly low in vibration.

Cold protection is provided by an insulated handle and the use of modern composite materials. The speed controller is easy to operate single-handedly. The high-quality hook and loop pad ensures precise sanding patterns.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Stroke	2.5 mm
Hook and Loop Disc	Ø 76 mm
Speed	11 000 rpm
Weight	0.54 kg

# SANDING

## SB1



### SB1 BELT SANDER

Very compact design for work in tight spaces. The quick clamping device simplifies the sanding belt replacement. Additionally, the sanding arm can be pivoted to adjust the desired working position. Cold protection is provided by an insulated handle.

The exhaust air is directed away from the user through an exhaust air baffle. Stepless speed control via an easily operable power control knob. Includes 3 sanding belts.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Sanding Belt	10 x 330 mm
Speed	18 500 rpm
Weight	0.9 kg
Sanding arm heigh	17 mm
Length	SB1 = 105 mm SB1M = 175 mm SB1L = 245 mm



# AXIAL GRINDING

## SG1, SG20

# AXIAL GRINDING

## SG26RE, SA1



### SG1 DIE GRINDER

For engraving and highly precise grinding, with a 1.45-meter long supply air hose for draft-free work. The exhaust air is noise-reducingly vented away from the user through a special supply air/exhaust air hose system. Includes clamping tool.

Suitable for laboratory work, glass engraving, labeling, etc.

Housing material: steel, aluminum alloys, and composite materials for weight reduction.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Collect	Ø 3 mm
Speed	54 000 rpm
Weight	0.20 kg



### SG20 DIE GRINDER

Die grinder, short design - 450 watts.

Short design for use with coarse abrasives. Stepless speed control. Safety lever to prevent accidental activation. Cold insulation on the handle. The exhaust air can be directed away from the user through a rotatable exhaust air baffle.

Application:  
Grinding pins and backing plates

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Collect	Ø 6 mm
Speed	22 000 rpm
Weight	0.60 kg



### SG26RE DIE GRINDER WITH EXHAUST HOSE

Powerful die grinder with exhaust hose to reduce noise emissions, low power-to-weight ratio, and comfortable ergonomics, stable motor.

Modern and robust design with low power-to-weight ratio for professional use. Stepless speed control via an easily operated power control knob. Safety lever to prevent accidental activation. Cold insulation on the handle. The exhaust air is relaxed with a noise-reducing exhaust hose and directed away from the user.

Details	
Air connection	1/4" BSPT
Flow pressure	Max 6.2 bar in operation. Min hose Ø 8 mm internally
Collect	Ø 6 mm
Speed	22 000 rpm
Weight	0.80 kg



### SA1 MINI-ANGLE DIE GRINDER

Compact design for versatile use in tight spaces. Continuous speed control. Safety lever to prevent accidental activation. A lubrication nipple on the angle head allows for quick lubrication, increasing the longevity of the angle gear.

Cold protection provided by an insulated handle. The exhaust air can be directed away from the user in any direction, 360°, using a rotatable exhaust vent.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Collect	Ø 6 mm
Speed	22 000 rpm
Weight	0.40 kg

# AXIAL GRINDING

## SA2, SA26RE



EXTRA  
LOW-NOISE  
400 WATTS

SA2

### SA2 ANGLE DIE GRINDER

Modern and robust design with low power-to-weight ratio for professional use. Continuous speed control via an easily operated power control knob. Safety lever to prevent accidental activation.

A lubrication nipple on the angle head allows for quick lubrication, increasing the longevity of the angle gear. The exhaust air is vented sideways with a noise-reducing exhaust vent and directed away from the user.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Collect	Ø 6 mm
Speed	21 000 rpm
Weight	0.70 kg



MODERN  
AND  
ROBUS  
DESIGN

SA26RE

### SA26RE DIE GRINDER WITH EXHAUST HOSE

Modern and robust design with low power-to-weight ratio for professional use. Continuous speed control via an easily operated power control knob. Safety lever to prevent accidental activation.

A lubrication nipple on the angle head allows for quick lubrication, increasing the longevity of the angle gear. The exhaust air is vented and directed away from the user through a noise-reducing exhaust hose.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Collect	Ø 6 mm
Speed	21 000 rpm
Weight	0.70 kg

# SCRAPING

## GH4-S, GH53-S1



FOR  
SHORT-STROKE  
CHIPPING

GH4-S

### GH4-S CHIPPING HAMMER

Short-stroke chipping hammer with hexagonal attachment - Impact energy 6 Joules.

For cutting and working on sheets and metals. With continuous impact frequency regulation and ergonomic design. Set in a case with a retaining spring and 5 chisels, 180 mm long, consisting of flat, spot welding separation, rivet removal, curve separation, and double-sided sheet chisels.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Attachment	11, 6-sided mm
Impact Frequency	3000 S/min
Stroke	60 mm
Weight	2.70 kg



HIGH-  
QUALITY  
FORGED SPADE  
HANDLE

GH53-S1

### GH53-S1 CHIPPING HAMMER

Compact short-stroke chipping hammer with hexagonal attachment - 7 Joules impact energy. Stable against lateral forces with a high-quality forged spade handle. Powerful and convenient for concrete and stone work.

Includes: 1 ZB-KGH53 case, 1 ZB-H3 quick-change chuck, 1 ZB-HF1 standard retaining spring, 1 ZB-HF2 conical retaining spring, 1 ZB-30-12 flat chisel (30 mm wide), 1 ZB-20-12 flat chisel (20 mm wide), 1 ZB-10-12 pointed chisel.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Attachment	12, 6-sided mm
Impact Frequency	3000 S/min
Stroke	67 mm
Weight	1.50 kg



# POLISHING

## SP3, SP4



SP3

EASILY  
OPERATED  
CONTROL  
KNOB

### SP3 POLISHER

High-torque two-handed polisher with hook and loop pad Ø 150 mm (5/16”).

The robust planetary gearbox generates high torque, providing good performance even with tough polishing compounds, in all seasons. Continuous speed control via an easily operated power control knob. The exhaust air is vented and directed away from the user through a noise-reducing exhaust vent. Includes a plate adapter for 3 common thread sizes.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Spindle Mounting	5/16" 5/8" M14 x 2
Speed	800 to 3200 rpm
Weight	1.20 kg



SP4

SMART  
REPAIR  
POLISHER

### SP4 POLISHER

Cold-insulated pistol polisher with a Ø 75 mm pad. The high-quality cold and vibration insulation of the fully rubberized handle makes this pistol polisher an ideal tool for polishing small surfaces, even during long periods of use.

Continuous speed control via a conveniently located power control knob on the side. The patented speed regulation can be easily adjusted for left-handed users by a simple conversion. Includes a hook and loop polishing pad Ø 75 mm, yellow polishing sponge, white polishing sponge, and polishing fleece.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Spindle Mounting	5/16"
Speed	2000 to 6000 rpm
Weight	0.60 kg

# POLISHING

## SP5



SP5

SMART  
REPAIR  
GRINDER

### SP5 PISTOL ECCENTRIC SANDER

Cold-insulated pistol eccentric sander with a 3 mm stroke and a Ø 75 mm pad. The high-quality cold and vibration insulation of the fully rubberized handle makes this pistol sander an ideal tool for sanding paint, putty, and smaller surfaces, even during extended use.

Continuous speed control via a conveniently located power control knob on the side. The patented speed regulation can be easily adjusted for left-handed users by a simple conversion. Includes a hook and loop sanding pad Ø 75 mm, 25 sanding discs each with grit K 180, K 220, and 10 each with grit K 320, K 800.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Spindle Mounting	5/16"
Speed	7000 to 15000 rpm
Weight	0.50 kg

# MOUNTING

## SR1-2/SR1-3, SR3-2/SR3-3



### SR1-2 / SR1-3 RATCHET WRENCHES

Compact design - Drive square 1/4" / 3/8".

Handy and robust mini-ratchet with a length of only 140 mm for light work in tight spaces with a small ratchet head. Rearward exhaust air direction.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Operating Range - Torque	35 - 60 Nm
Working - Torque	48 Nm
Release - Torque	60 Nm
Weight	0.45 kg



### SR3-2 / SR3-3 RATCHET WRENCHES

Compact design, closed ratchet head, and cold protection / reaction-free - Drive square 1/4" / 3/8".

Handy and robust mini-ratchet with a length of only 150 mm for light work in tight spaces with a small ratchet head. Rearward exhaust air direction. Grease nipples on the ratchet head, on the switch, and on the drive shaft allow for quick lubrication, thereby increasing the longevity of the ratchet mechanism. Cold protection provided by an insulated handle. The exhaust air can be directed away from the user in any direction within 360° using a rotatable exhaust air deflector.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Operating Range - Torque	60 - 75 Nm
Working - Torque	68 Nm
Release - Torque	90 Nm
Weight	0.60 kg

# MOUNTING

## SR6-4, SR8-4



### SR6-4 RATCHET WRENCH

Double pawl and cold protection - Drive square 1/2".

Modern ratchet for tight spaces with an insulated grip and operation button, double pawl for a long service life of the ratchet mechanism. The exhaust can be directed away from the user with a rotatable exhaust baffle. Convenient 3-stage power regulator at the air inlet.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Operating Range - Torque	50 - 100 Nm
Working - Torque	75 Nm
Release - Torque	100 Nm
Weight	1.20 kg



### SR8-4 RATCHET WRENCH

Extremely durable - double pawl, enclosed ratchet head, and cold protection - Drive square 1/2".

The most robust design for heavy tasks with double pawl and a dirt-protected ratchet head. An operation button for work in tight spaces. Grease fittings on the ratchet head, at the switching point, and on the drive shaft allow for quick lubrication, increasing the longevity of the ratchet mechanism. Cold protection provided by an insulated handle. The exhaust can be directed away from the user with a rotatable exhaust baffle.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Operating Range - Torque	90 - 150 Nm
Working - Torque	120 Nm
Release - Torque	400 Nm possible by hand
Weight	1.60 kg



# DRILLING

## GB2-3, GB4-4

# RATCHETS

## SL086-4SL, SL088-4S



GB2-3

STRAIGHT  
DRILL  
MACHINE

### GB2-3 DRILL MACHINE

Straight design, extra low noise with quick-action chuck Ø 1 - 10 mm.

Modern and robust construction with low power-to-weight ratio for professional use as a straight drill machine. Planetary gear for increased torque. Stepless speed control through an easily operated power control knob. Safety lever to prevent accidental start. Cold insulation on the handle. The exhaust is relaxed to the side with a noise-damping exhaust deflector, away from the user.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Power	400 W
Chuck [mm] Quick-action chuck	Ø 1 - 10 mm
Speed	2600 rpm
Weight	0.60 kg



GB4-4

13MM  
UNIVERSAL  
DRILL

### GB4-4 DRILL

Self-drilling, high speed with quick-action chuck Ø 1 - 13 mm.

Powerful universal drill with a cold-insulated handle. The laterally mounted reversing lever is suitable for both right and left-handed users. The two-stage operating button makes "pre-drilling" at low speed easier. The exhaust air is directed downward away from the user through the handle.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Power	550 W
Chuck [mm] Quick-action chuck	Ø 1 - 13 mm
Speed	2100 rpm
Weight	1.20 kg



SL086  
-4SL

DESIGNED  
FOR TIGHT  
SPACES

### SL086-4SL IMPACT WRENCH

"SUPER-DOG" impact mechanism - S - Drive Square 1/2" For hard-to-reach fastenings. As slim as a ratchet wrench with the power of an impact wrench. A very slim powerhouse designed for tight spaces, cold protection, and well-matched 2-speed control in both forward and reverse directions, as well as easily accessible switching. Ergonomic handle with cold and vibration protection. The very finely adjustable trigger facilitates assembly work on poor threads and prevents fastening damage. 360° rotatable air outlet shield - far away from the user. Very low noise due to special sound damping.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Operating Range - Torque	250 - 350 Nm
Working - Torque	300 Nm
Release - Torque	500 Nm
Weight	1.10 kg



SL088  
-4S

COMPACT  
AND  
LIGHTWEIGHT

### SL088-4S PNEUMATIC IMPACT WRENCH

"SUPER-DOG" impact mechanism - S - Drive Square 1/2".

A very compact and lightweight powerhouse for extremely tight spaces, cold protection, and a well-matched 3-speed control in forward direction, along with easily accessible one-handed lateral switch. Ergonomic handle with cold and vibration protection. Powered by compressed air.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Operating Range - Torque	700 - 900 Nm
Working - Torque	800 Nm
Release - Torque	1250 Nm
Weight	1.10 kg

# RATCHETS

## SL180-4T, SL125-4P



### SL180-4T PNEUMATIC IMPACT WRENCH

Double ring hammer mechanism – T-drive square ½” - 3 stages in both directions / Below 100 Nm in stage 1.

Modern tool with very low power-to-weight ratio, made of magnesium, composite composite material, and high-alloy impact components, robust, smooth-running motor, strongest release torque in this impact wrench class. Optimally matched 3-stage control in both left and right rotation, as well as proven one-handed switching.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Operating Range - Torque	1050 - 1250 Nm
Working - Torque	1150 Nm
Release - Torque	1700 Nm
Weight	1.80 kg



### SL125-4P AIR IMPACT WRENCH

Pin impact mechanism – P - Drive Square ½”.

A handy device with a high-performance impact mechanism, cold protection, and a well-matched 3-speed control in the forward direction, as well as an easily accessible, user-friendly switch.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Operating Range - Torque	800 - 1000 Nm
Working - Torque	900 Nm
Release - Torque	1350 Nm
Weight	2.60 kg

# RATCHETS

## SL170-4T, SL175-4T



### SL170-4T AIR IMPACT WRENCH

Double-ring impact mechanism – T - Drive Square ½”.

Modern mini device with low power weight, made of composite composite material and high-alloy impact components, robust, smooth-running motor, the highest release torque in the mini impact wrench class. Optimally matched 3-speed control in the forward direction.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Operating Range - Torque	650 - 700 Nm
Working - Torque	675 Nm
Release - Torque	950 Nm
Weight	1.30 kg



### SL175-4T AIR IMPACT WRENCH

Modern device with low power weight, made of composite composite material and high-alloy impact components, robust, smooth-running motor, the highest release torque in this impact wrench class. Optimally matched 3-speed control in the forward direction.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Operating Range - Torque	1150 - 1350 Nm
Working - Torque	1250 Nm
Release - Torque	1850 Nm
Weight	2.10 kg



# RATCHETS

## SL175-4TDG, SL275-6T



SL175-4TDG AIR IMPACT WRENCH

The torque-limited version SL175-4TDG has a 1-stage control with 90 Nm (only on the first hammer blow) at 6.2 bar on the device when tightening in the forward direction and 1350 Nm in reverse.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Tightening torque	max. 90 Nm
Release torque	1850 Nm
Weight	2.10 kg



SL275-6T AIR IMPACT WRENCH

Double-ring hammer impact mechanism - T - Drive square 3/4".  
Modern device with low power weight, made of composite composite materials and high-alloy impact components, robust, smooth-running motor, the most powerful release torque, and optimally matched 3-stage control in the forward direction.

Details	
Air connection	3/8" BSPT
Flow pressure	6.2 bar
Operating Range - Torque	1950 - 2150 Nm
Working - Torque	2050 Nm
Release - Torque	2950 Nm
Weight	3.40 kg

# RATCHETS

## SL277-6T, SL310-8C



SL277-6T AIR IMPACT WRENCH

Double ring hammer impact mechanism - T Square drive 3/4" - left-right selector switch, 3 steps in each direction of rotation.  
Modern device with very low power-to-weight ratio, made of magnesium, composite material and high-alloy impact components, robust, smooth-running motor. Optimally tuned 3-stage regulation in left and right rotation.

Details	
Air connection	3/8" BSPT
Flow pressure	6.2 bar
Operating Range - Torque	2000 - 2300 Nm
Working - Torque	2050 Nm
Release - Torque	2950 Nm
Weight	3.60kg



SL310-8C AIR IMPACT WRENCH

Single-hammer impact mechanism, closed - C - Drive square 1".  
3-stage control in both forward and reverse directions. Powerful, lightweight, and fast impact wrench with low-maintenance impact mechanism, robust motor, and well-matched power control. It also has an accessible and easy-to-use switch. The short ergonomic design is suitable for horizontal fastening and applications in tight spaces.

Side handle available SL311-8CA-13 Series B, C, D.

Details	
Air connection	1/2" BSPT
Flow pressure	6.2 bar
Operating Range - Torque	2600 - 3000 Nm
Working - Torque	2800 Nm
Release - Torque	4100 Nm
Weight	7.70 kg (side handle + 0.35 kg)

# RATCHETS

## SL311-8C, SL325-8C



### SL311-8C AIR IMPACT WRENCH

Single-hammer impact mechanism, closed – C - Drive square 1” - with a long drive spindle 3-stage control in both forward and reverse directions. Powerful, lightweight, and fast tool with low-maintenance impact mechanism, robust motor, and well-matched power control. It also has an accessible and easy-to-use switch. The short ergonomic design is suitable for horizontal fastening and applications in tight spaces.

Side handle available SL311-8CA-13 Series B, C, D.

Details	
Air connection	1/2" BSPT
Flow pressure	6.2 bar
Operating Range - Torque	2600 - 3000 Nm
Working - Torque	2800 Nm
Release - Torque	4100 Nm
Weight	8.40 kg (side handle + 0.35 kg)



### SL325-8C AIR IMPACT WRENCH

Single-hammer impact mechanism, closed – C - Drive square 1” 3-stage control in both forward and reverse directions. Powerful, lightweight, and fast tool with a low-maintenance impact mechanism, robust motor, and well-matched power control. It also has an accessible and easy-to-use switch. The short ergonomic design is suitable for horizontal fastening and applications in tight spaces.

Side handle SL311-8CA-13 also fits SL325-8C.

Details	
Air connection	1/2" BSPT
Flow pressure	6.2 bar
Operating Range - Torque	2500 - 2900 Nm
Working - Torque	2700 Nm
Release - Torque	3950 Nm
Weight	6.90 kg (side handle + 0.35 kg)

# RATCHETS

## SL360-8C, SL361-8C



### SL360-8C AIR IMPACT WRENCH

Single-hammer impact mechanism, closed – C - Drive square 1” - with a long drive spindle 3-stage control in both forward and reverse directions. A powerful and fast tool with a low-maintenance impact mechanism, robust motor, and well-matched power control, as well as an accessible and easy-to-use switch.

Side handle SL355-8CA-52 for use with SL360/361.

Details	
Air connection	1/2" BSPT
Flow pressure	6.2 bar
Operating Range - Torque	3500 - 3900 Nm
Working - Torque	3700 Nm
Release - Torque	5350 Nm
Weight	16.00 kg (side handle + 0.35 kg)



### SL361-8C AIR IMPACT WRENCH

Single-hammer impact mechanism, closed – C - Drive square 1” 3-stage control in both forward and reverse directions. A powerful and fast tool with a low-maintenance impact mechanism, robust motor, and well-matched power control, as well as an accessible and easy-to-use switch. Designed for applications in tight or hard-to-reach spaces, such as in commercial vehicle chassis work.

Side handle SL355-8CA-52 for use with SL360/361.

Details	
Air connection	1/2" BSPT
Flow pressure	6.2 bar
Operating Range - Torque	3500 - 3900 Nm
Working - Torque	3700 Nm
Release - Torque	5350 Nm
Weight	15.00 kg (side handle + 0.35 kg)



# RATCHET

## SL377-8T

# GRINDER

## SW1

# GRINDERS

## SW3, SW4



SL377-8T AIR IMPACT WRENCH

Double ring hammer impact mechanism - T Drive square 1" - Left-right selector, 3 steps each in both directions of rotation.

Modern device with very low power-to-weight ratio, made of magnesium, composite material and high-alloy impact components, robust, smooth-running motor. Optimally tuned 3-stage regulation in left and right rotation.

Details	
Air connection	3/8" BSPT
Flow pressure	6.2 bar
Operating Range - Torque	2000 - 2300 Nm
Weight	3.66kg



SW1 ANGLE GRINDER

Mini - Rough and Cut-Off Grinder for Ø 50 x 10 mm discs from 0.8 mm thickness - 380 Watts.

Powerful mini rough grinder designed for use in very tight spaces. Safety lever to prevent accidental startup. Cold protection through an insulated handle. The exhaust air is directed away from the user through an exhaust baffle. Includes 2 rough discs with K60/K80 grit.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Collet diameter	10 mm
Speed	22 000 rpm
Weight	0.60 kg



SW3 ANGLE GRINDER

Extra quiet for Ø 105 x 10 x 1.8 mm cutting disc, with a quick-release button for fast disc change - 550 Watts.

Sturdy and flat-angle head for cutting in tight remote areas. Stepless speed control via an easy-to-use power control knob. Protection against sparks through the ability to reverse the direction of rotation. Safety lever to prevent accidental startup. A grease nipple on the angle head allows for quick lubrication, increasing the longevity of the angle gearbox. The exhaust air is released sideways through a noise-reducing exhaust baffle.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Collet diameter	10 mm
Speed	15 000 rpm
Weight	1.20 kg



SW4 ANGLE GRINDER

Rough Grinding and Cutting Angle Grinder for Ø 125 x 22 mm discs from 1.8 mm thickness - 800 Watts.

With a 100° angle head for all tasks related to rough grinding or cutting of metals and stone. Safety lever to prevent accidental startup. A lubrication screw on the angle head allows for quick lubrication, increasing the longevity of the angle gearbox. Cold protection through an insulated handle. The exhaust air can be directed away from the user by rotating the exhaust baffle, providing a 360° range.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Collet diameter	22 mm / (M14 x 2)
Speed	10 000 rpm
Weight	1.50 kg

# SAWING

## GS4,GS50

# OTHER

## PU1, PC18



### GS4 SAW

Robust, lightweight, low vibration, and cold protection.

High-quality vibration-absorbing die-cast alloy housing. Adjustable stop bracket for precise cutting. Easy cutting and slicing of profiles, body parts, downpipes from gutters, etc. The exhaust air can be rotated 360° to the side, away from the user, with a special silencer. Very low exhaust noise. Includes 5 saw blades with 24 and 32 teeth each.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Stroke	10 mm
Stroke rate	10 000 strokes/min
Weight	0.40 kg



### GS50 SCRAPER

Ideal for removing seals, residual adhesive, putty, and rubber. Set with 4 scrapers: straight, angled, wide, and curved. The stepless power regulator allows for precise and coarse work by adjusting the stroke frequency. Includes scrapers:

Straight - GS50A-17 (25 mm)  
Wide - GS50A-18 (45 mm)  
Curved - GS50A-19 (45 mm)  
Angled - GS50A-20 (25 mm)

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Stroke	15 mm
Stroke rate	5500 strokes/min
Weight	0.80 kg



### PU1 UNDERBODY SPRAY DEVICE

Combination underbody protection and blow gun.

Very light combination device with adjustable nozzle and screw thread for all common 1-liter standard containers (underbody protection, wax, and sealant).

The practical quick-change adapter can be easily detached from the gun using a bayonet lock. This simplifies cleaning and allows for the use of different liquids. The scope of delivery includes a spare head and a riser tube.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Container capacity	1.0 L
Weight	0.19 kg



### PC18 SPRAY DEVICE

Spray gun - universal for blowing, cleaning, oiling, and more.

High-quality spray gun with safety valve, compressed air filling valve, 90° swiveling nozzle, and a capacity of 650 ml. Compressed air filling is done using a standard tire filling device. Suitable for cleaning, blowing with air only, and also for the use of various liquids.

Details	
Air connection	1/4" BSPT
Flow pressure	6.2 bar
Container capacity	0.65 L
Nozzle swiveling	90°
Weight	0.19 kg



# OTHER

## PR2, PR3



### PR2 TIRE INFLATOR

Certified pressure gauge with bar and psi scale.

Tire inflator with 50 cm filling hose, moment connector, and easy-to-read scale. Rubber-protected pressure gauge and a protected pressure relief button for pressure reduction on the side of the housing.

Details	
Air connection	1/4" BSPT
Flow pressure	max. 10 bar
Display range	0 - 10 bar
Weight	0.43 kg



### PR3 TIRE INFLATOR

Certified pressure gauge with large bar scale and with 1.5 m filling hose.

Tire inflator with moment connector and easily readable scale with 0.1 bar division.

PR3 with 1.5 m hose  
Rubber-protected pressure gauge and a protected pressure relief button for pressure reduction above the operating lever.

Details	
Air connection	1/4" BSPT
Flow pressure	max. 11 bar
Display range	0 - 11 bar
Weight	0.60 kg

# OTHER

## PF2, PB2-100/250/500

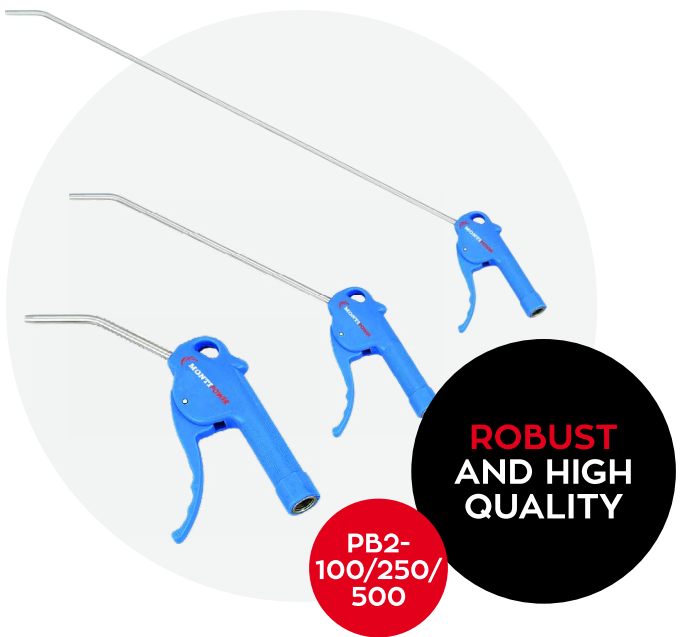


### PF2 GREASE GUN

Grease gun - Continuous - 415 bar.

For lubrication through grease nipples. Processing of commercially available cartridges. Includes 1 x rigid delivery tube and 1 x flexible delivery tube.

Details	
Air connection	1/4" BSPT
Flow pressure	max. 8.0 bar
Cartridge size	240 x 52 mm
Cartridge content	400 ml
Weight	1.60 kg



### PB2-100 / PB2-250 / PB2-500 BLOW GUN

Made of reinforced plastic with brass threaded connection and metal nozzle. Universally applicable in any workshop. With a round and stable handle housing, suspension tabs, and a long operating lever for precise dosing.

Details	
Air connection	1/4" BSPT
Operating pressure	0 ... 10 bar
Nozzle size	Ø 3.0 mm
Nozzle length	100 mm / 250 mm / 500 mm
Weight	0.10 kg

# OTHER

## PB5, PB10



### PB5 BLOW GUN

Made of aluminum alloy, universally usable in any workshop, especially in confined spaces. With a robust handle housing, suspension tabs, and an operating lever for precise dosing.

Details	
Air connection	1/4" BSPT
Operating pressure	0 ... 10 bar
Nozzle size	Ø 2.0 mm
Nozzle length	25 mm
Weight	0.10 kg



### PB10 SUCTION AND BLOW GUN

Made of aluminum alloy, suitable for suction or large-scale blowing of chips or leaves in any workshop. Equipped with a robust handle housing, suspension tabs, suction hose, dust bag, and four different nozzle attachments.

Details	
Air connection	1/4" BSPT
Operating pressure	0 ... 10 bar
Nozzle size	Various
Size	Various
Weight	0.60 kg

# ACCESSORIES:

## NEEDLE DESCALER

### GN4, GN5, GN6, GN6-03, GN7, GN7-03

NEEDLE SET			NEEDLE PLATE			CHISEL FOR GN5	
ZO-N1	For GN5/GN6	3 mm, 19 pc	ZO-P3	For GN5	3 mm, 19 holes	ZO-M1	Straight, 20 mm wide
ZO-N2	For GN6	2 mm, 29 pc	ZO-P4	For GN6	3 mm, 19 holes	ZO-M2	Cranked, 35 mm wide
ZO-N3	For GN4	3 mm, 125mm, 12 pc	ZO-P5	For GN6	2 mm, 29 holes		
ZO-N4	For GN7	4 mm, 35 pc	ZO-P6	For GN4	3 mm, 12 holes		
ZO-N5	For GN7	3 mm, 49 pc	ZO-P7	For GN7	4 mm, 35 holes		
			ZO-P8	For GN7	4 mm, 49 holes		

## SANDING

### SE1, SE2, SE14, SB1

GRINDING DISC			GRINDING BELT SET SB1	
ZO-75AG	For SE14 / SE4	Micro-Velcro, perforated, Ø 75 mm, 5/16" external	ZO-B14/10	Grit 40, 10 x 330 mm, 10 pc
ZO-150	For SE1 / SE2	Micro-Velcro, Ø 150 mm 5/16" external thread without perforation	ZO-B18/10	Grit 80, 10 x 330 mm, 10 pc
ZO-150K	For SE1 / SE2	Adhesive, Ø 150 mm 5/16" external thread without perforation	ZO-B112/10	Grit 120, 10 x 330 mm, 10 pc
ZO-15H	For SE1 / SE2	Micro-Velcro, 15-hole, Ø 150 mm, hard, with 5/16" external thread	ZO-B118/10	Grit 180, 10 x 330 mm, 10 pc
ZO-44H-125	For SE1 / SE2	Micro-Velcro, 44-hole, Ø 125 mm, hard, 5/16" external thread	ZO-B124/10	Grit 240, 10 x 330 mm, 10 pc
ZO-6H	For SE1 / SE2	Micro-Velcro, 6-hole, Ø 150 mm, hard, with 5/16" external thread		
ZO-6W	For SE1 / SE2	Micro-Velcro, 6-hole, Ø 150 mm, soft, with 5/16" external thread		

## ROD GRINDER

### SG1, SG20, SG26RE

COLLET			BACKING PAD		
ZO-Z31	Ø 3 mm	For SG1	ZO-ST1	Ø 34 mm	Shaft Ø 6 mm
ZO-Z3	Ø 3 mm	For SG2 / SG4 / SG5 / SG7 / SG8 / SA1 / SA2	ZO-ST2	Ø 50 mm	Shaft Ø 6 mm
ZO-Z6	Ø 6 mm	For SG2 / SA1 / SA2	ZO-ST3	Ø 75 mm	Shaft Ø 6 mm
ZO-Z8	Ø 8 mm	For SG2 / SG4 / SA1 / SA2			

PRESSURE REGULATOR		MINI OILER		GREASE GUN	
DR1	Dimensions: 13x43x17mm Thread: 1/4" connection	ZL-2	Thread: 1/4"	ZL-P1SF90	

## SCRAPING

### GN4, GN5, GN6, GN6-03, GN7, GN7-03

RETAINING SPRING		SAFETY HOLDER		QUICK-CHANGE CHUCK	
ZB-HF	For GH2 / GH5	ZB-H1	For GH2 / GH5	ZB-H2	For GH2 / GH3
				ZB-H3	For GH53-S1

CHISEL FOR GH53		CHISEL FOR GN4	
ZB-20-12	Flat Chisel, Width 20 mm, Lenght 250 mm, Hex 12 mm	ZB-10-11	Pointed Chisel, Diameter 11 mm, Lenght 250 mm, Hex 6-sided
ZB-30-12	Flat Chisel, Width 30 mm, Lenght 250 mm, Hex 12 mm	ZB-20-11	Flat Chisel, Width 20 mm, Lenght 250 mm, Hex 11 mm
ZB-10-12	Pointed Chisel, Diameter 12 mm, Length 250 mm, 6-sided	ZB-30-11	Flat Chisel, Width 30 mm, Lenght 250 mm, Hex 11 mm
		ZB-BT-11	Sheet Metal Cutting Chisel, Lenght 175 mm, Hex 11 mm
		ZB-20G-11	Rivet Removal Chisel, Lenght 175 mm, Hex 11 mm



POLISHING  
SP4, SP5

**GRINDING DISC MICRO-VELCRO**  
Both have a 5/16" Inner Thread

**ZO-50** For SP5  
Diameter 50mm

**ZO-75** For SP4/SP5  
Diameter 75mm



**POLISHING SPONGE SP4**  
75mm Micro-Velcro Disc

**ZO-PSW** White (Soft)  
90mm diameter

**ZO-PSG** Yellow  
90mm diameter



**POLISHING PAD SP4**  
75mm Micro-Velcro Disc

**ZO-PF1**  
90mm diameter



MOUNTING  
SR1-2, SR1-3, SR3-2, SR3-3, SR6-4, SR8-4

**AIR MOTOR OIL 1L**

**ZL-L** Air Motor Oil 1l



**GREASE GUN**

**ZL-P1SF90**  
Grease gun with three connecting nozzles



DRILLING  
GB2-3, GB4-4

**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



**QUICK-ACTION DRILL CHUCK**

**ZB-S3** Plastic 10 mm  
**ZB-S4** Plastic 15 mm

**SIDE HANDLE FOR GB4 DRILL**

**GB4-3A-32** Side handle for GB4

**ADAPTER 6-KANT**

**21300** SW9 x 45

RATCHETS  
SW15, SW17, SW19, SW21, SW22

**SOCKET SET, LONG ½"**

**ZN-A**  
For aluminum rims SW17 / SW19 / SW21 with protective cover




**SOCKET, LONG ½"**  
For aluminum rims with protective cover.

**ZN-S15** For SW15  
**ZN-S17** For SW17  
**ZN-S19** For SW19  
**ZN-S21** For SW21  
**ZN-S22** For SW22


**IMPACT WRENCH GREASE**

**ZL-SF90** Tube 90 ml  
**ZL-SF400** Cartridge 400 g



**GREASE GUN**

**ZL-P1SF90**  
Grease Gun including 3 nozzles + grease, Ø 0.5 / 1.0 / 1.4 mm and 2x 90 ml grease



**AIR MOTOR OIL 1L**

**ZL-L** Air Motor Oil 1l

**IMPACT WRENCH OIL 1L**

**ZL-S** for SL125-4P

GRINDER  
SW1, SW3

**GRINDING DISCS FOR SW1**


**ZB-T1/5** Ø 50 x 10 x 4 mm Grit 60 Pack of 5 pc  
**ZB-T4/5** Ø 50 x 10 x 4 mm Grit 80 Pack of 5 pc

**CUT-OFF WHEELS**

**ZB-T5/5** For SW1 Ø 50 x 10 x 1 mm Pack of 10 pc  
**ZB-T3/10** For SW3 Ø 105 x 10 x 1.8 mm Pack of 10 pc

**GREASE GUN**

**ZL-P1SF90**  
For SW3



SAWING  
GS4, GS50

**SAW BLADE FOR GS4**

**ZB-18/5** 18 teeth Pack of 5 pc  
**ZB-24/5** 24 teeth Pack of 5 pc  
**ZB-32/5** 32 teeth Pack of 5 pc

**SCRAPER BLADES FOR GS50**

**GS50A-17** Straight  
**GS50A-18** Wide  
**GS50A-19** Curved  
**GS50A-20** Angled

**COLD PROTECTION**

**GS50A-23** For GS50

**REPLACEMENT NOZZLE**


**ZO-PU1** Including riser

OTHER  
PR2, PR2-2, PR3, FP2 & DN7

**SAFETY COUPLING EXTERNAL TRHEAD**

Safety coupling with external thread for DN 7


**VAAK-02S2** External thread G¼, DN 7  
**VAAK-03S2** External thread G3/8", DN 7  
**VAAK-04S2** External thread G½, DN 7



**SAFETY COUPLING INTERNAL TRHEAD**

Safety coupling with internal thread for DN 7


**VABK-02S2** Internal thread G¼, DN 7  
**VABK-03S2** Internal thread G3/8", DN 7  
**VABK-04S2** Internal thread G½, DN 7



**SAFETY COUPLING WITH HOSE CONNECTION**

Safety coupling with hose connection for DN 7

**VAC-06S2** Hose connection Ø 6 mm, DN 7  
**VAC-08S2** Hose connection Ø 8 mm, DN 7  
**VAC-09S2** Hose connection Ø 9 mm, DN 7  
**VAC-13S2** Hose connection Ø 13 mm, DN 7



**FILLING HOSE**

Filling hose with moment connector for different tools.

**ZR2-SS** For PR2 0.50 m  
**ZR2-S** For PR2/PR 2-2 2.00 m  
**ZR3-S** For PR3 1.50 m  
**ZR3-SS** For PR3 3.00 m

**MOMENT CONNECTOR**

**ZR4-MS** For tire filler PR2 Ø 6.1 mm  
**ZR3-MS** For tire filler PR3 Ø 7.5 mm

**FILLING HOSE FOR PF2**

**PF2A-FS** Filling hose incl. nozzle tube rigid  
**#200836** 230 mm incl. Pos 10 AG 1/8"



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