



EISENBLÄTTER

Simply better ideas.

**NEW PRODUCTS
2021**

2021
50 YEARS

Top Innovation in
Surface Technologies

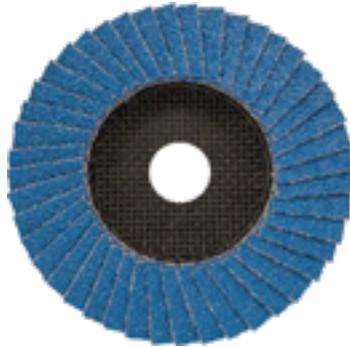
NEW EISENBLÄTTER PRODUCTS 2021

VARILEX® 1100
angle grinder



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Expansion roller
with **M14 thread**



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Grinding belt roller
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Flap wheel
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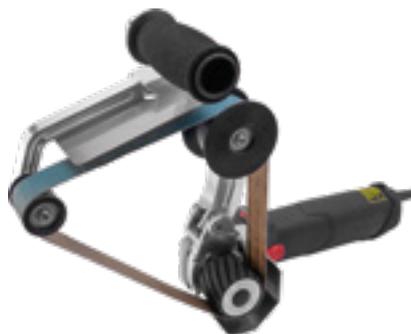
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NEW PRODUCTS 2021

Eisenblätter grinding tools

SUITABLE FOR COARSE GRINDING TO POLISHING

VARILEX® 1100 Angle Grinder

The compact power house:
grinding – fine sanding – cutting – roughing

Eisenblätter is now introducing a new, particularly handy compact angle grinder with **1,100 watts of power consumption, variable speed** and new technical features.

A **robust slip clutch** is integrated in the device, which prevents a possible jamming of the panes. This means that you can work particularly safely with **VARILEX® 1100**.

The constant electronics ensure infinitely **variable speeds between 2,800 and 9,600 rpm**. The VARILEX® 1100 is **ideal for one- and two-hand work**.

Grinding is particularly universal and allows – taking into account the speed ranges – a large number of **different surface treatments**.



Note:

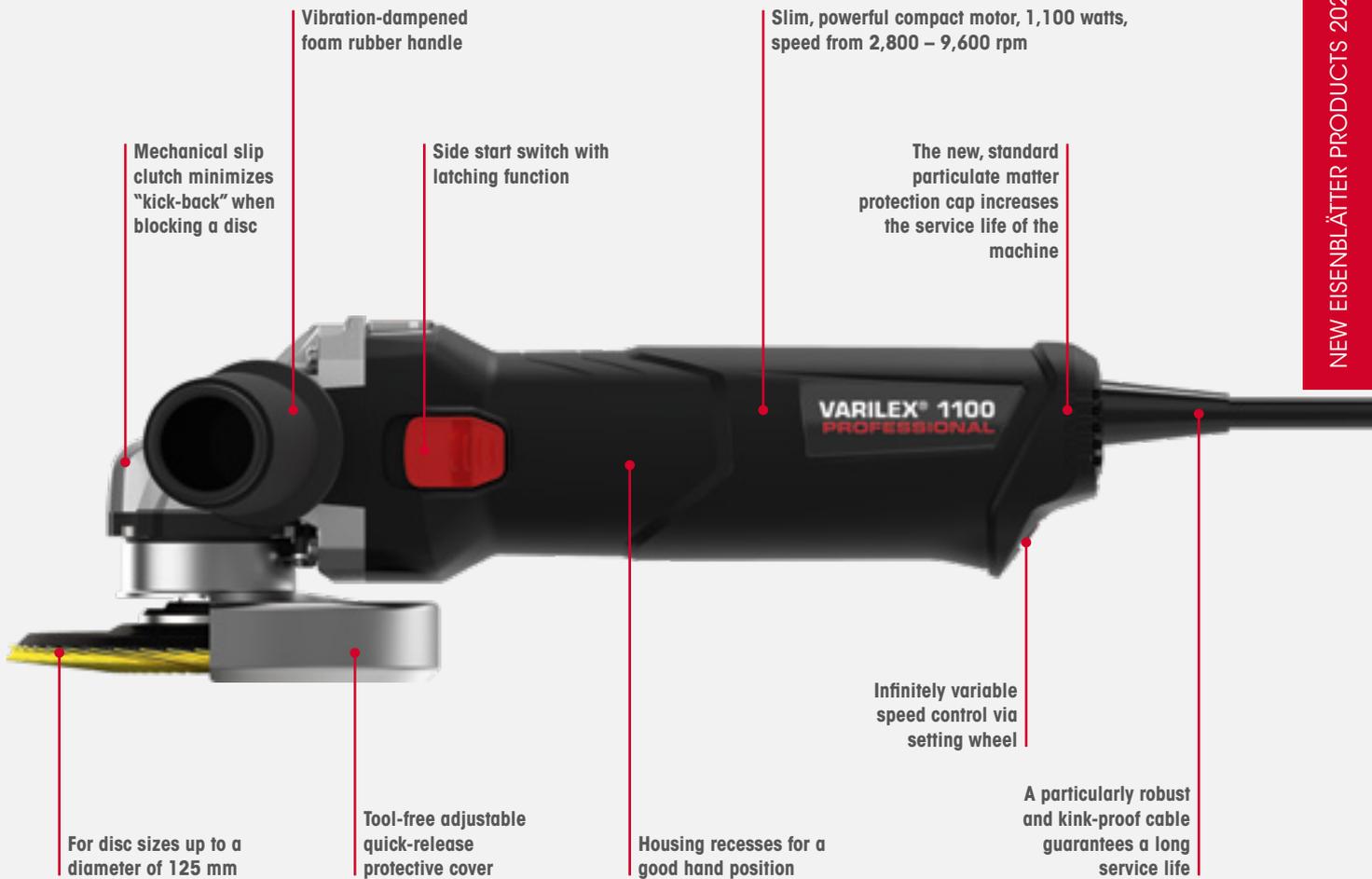
Particularly difficult **“heavy-duty work”** should naturally be carried out with the **VARILEX® 1802 HT angle grinder** (1,800 watts) and a larger physical torque.

The new, particularly robust **VARILEX® 1100** is the **ideal device for medium-heavy work**.

Advantages at a glance

- **New, compact generation of angle grinders** with the smallest handle circumference in its performance class **for fatigue-free grinding in perfect ergonomics**.
- **“Marathon-Engine”** offers **30% higher power reserves** with up to **50% more torque** compared to comparable devices.
- **Maximum service life** thanks to the new, internal dust protection seal and external **particulate matter protection cap with replaceable filter fabrics**.
- **Ideal speed range for flap discs** up to Ø 125 mm.
- **Full-wave electronics offer constant speeds** of exclusive **2,800 to 9,600 rpm**, ideal for a wide variety of surface processing steps – especially for the use of flap discs.
- Protective hood adjustable without tools, can be fixed in place so that it cannot be turned.
- **Mechanical safety clutch** minimizes “kick-back” when blocking a disc for **maximum user protection** and quick resumption of work.
- **Electronic overload protection, soft start and restart protection**.
- Maintenance-friendly device design – for **carbon brush replacement in seconds**.
- **Switch-off carbon brushes** to protect the motor.
- **Foam rubber handle** for “soft”, vibration-neutral grinding.
- **Made in Germany**.





Technical specifications VARILEX® 1100 angle grinder

Plug type	Cable type	Mains connection (V ~ Hz)	Power (W)	Thread	Speed (min ⁻¹)	Weight (kg)	Discs up to (Ø mm)	Pkg. unit	Article number
EU (C+F)	Permanent connection	220 – 240 ~ 50 – 60	1,100	M14 thread	2,800 – 9,600	2.1	125	1	65400
CH (J)	Permanent connection	220 – 240 ~ 50 – 60	1,100	M14 thread	2,800 – 9,600	2.1	125	1	65400s

Contents:

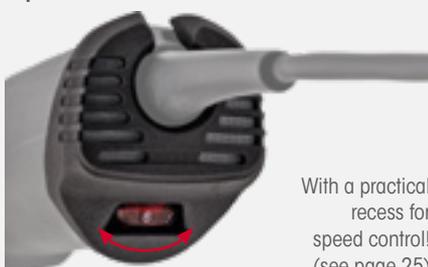
- 1 VARILEX® 1100 angle grinder
- 1 Robust, impact-resistant plastic case
- 1 Protective cover up to Ø 125 mm
- 1 Cut-off wheel cover clip up to Ø 125 mm
- 1 Clamping nut
- 1 Chuck key
- 1 Particulate matter protection cap
- 1 High-performance flap disc Ø 125 mm
- 1 Premium cutting disc Ø 125 x 1.0 mm

Suitable **grinding tools** for this device and many other products for everything to do with grinding, cutting and polishing can be found in our **shop at www.eisenblaetter.de** or in our **catalog** or the **price list**.

If you do not have the catalog or the price list at hand, you can **request it from us free of charge!**



The new, standard particulate matter protection cap increases the service life of the machine!



With a practical recess for speed control! (see page 25)

Optional: The new Grinder Grip™ holds your machine on any magnetic surface! Easy. Safe. Practically. (see page 24)



Also available as a CAS battery machine: VARILEX® AKKU PRO HT



NEW PRODUCTS 2021

Eisenblätter grinding tools

SUITABLE FOR STAINLESS STEEL - STEEL

TRIMFIX® MUSTANG® Flap Disc

The new generation of zircon:
high performance on stainless steel and steel!

Experience an increase in stock removal that was previously only possible with high-priced ceramic flap discs:

Performance increases of over 40% for stainless steel and 30% for steel without the addition of ceramic grain – Eisenblätter TRIMFIX® MUSTANG®!

Thanks to a sophisticated zirconium recipe based on the latest sintering technology in combination with the patented lamella configuration, the **TRIMFIX® MUSTANG® flap disc** achieves enormous removal speeds. And that saves a lot of working time costs. **Time is money** and labor costs often represent the main part of any cost calculation. In addition, compared to other flap discs available on the market, the **TRIMFIX MUSTANG®** is **extremely powerful, extremely inexpensive** and often **technically superior!** Thanks to the **patented lamellar configuration**, the abrasive grain retains its cutting ability and sharpness even under high pressure, so that for the first time **stainless steel** can also be processed perfectly – without the risk of grain rounding and glazing.

The **TRIMFIX® MUSTANG® flap disc** is also only supplied on the **natural fiber compound backing plate** available exclusively from Eisenblätter and thus has many other important advantages.

Take the test!

Increase your performance and reduce your costs!

Advantages at a glance

- **Higher productivity – performance jump of 30 – 40%.**
- **New zirconium grain formulation and patented lamella configuration.**
- Machining **stainless steel and steel equally in high performance.**
- **Improved grinding sharpness, no grain rounding, no glazing.**
- **100% use of all slats thanks to “self-trimming”.**
- **Extremely long service life**, less frequent disc changes.
- **Carrier plate made of natural fiber compound**, user-friendly and environmentally friendly.
- **Balanced CO₂ balance thanks to renewable raw materials.**
- **Backing plate environmentally friendly**, elastic, adapting to the workpiece.
- **No fiber optics** in the room air.
- **Substantial savings in the cost balance.**



NEW

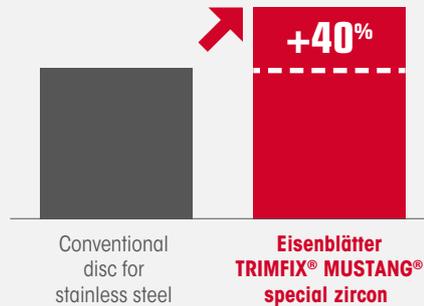


Strong team on stainless steel:
TRIMFIX® MUSTANG® in combination with
the new VARILEX® 1100 angle grinder

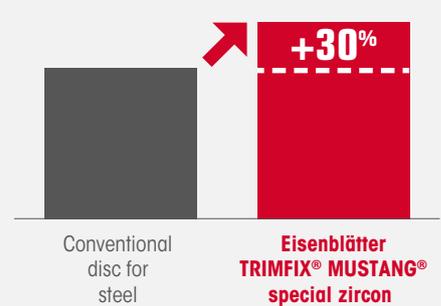
High performance on stainless steel and steel

TRIMFIX® MUSTANG® – Increase performance and save costs!

Performance increase* on stainless steel



Performance increase* on steel



* Determined by in-house grinding tests.

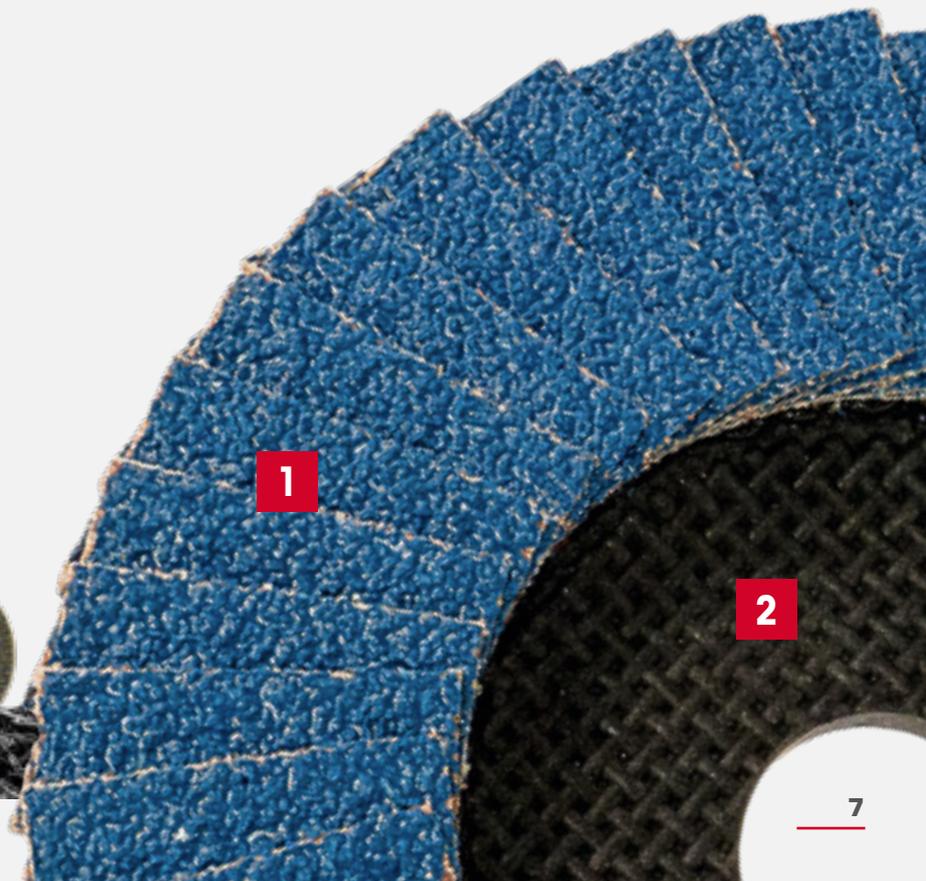
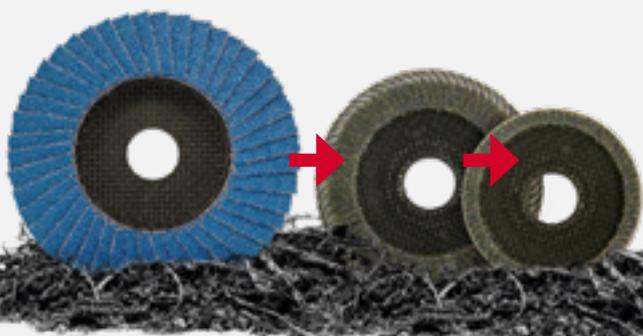
Technical specifications TRIMFIX® MUSTANG® flap disc

Dimensions (mm)	Ideal speed (min ⁻¹)	Max. speed (min ⁻¹)	Approved for (DIN EN 13743)	Backing plate	Pkg. unit	Grit (K)	Article number
Ø 115 x 22.2	7,000 – 9,000	13,200	80 m/sec	Natural fibre	40	40	91814
						60	91816
Ø 125 x 22.2	6,000 – 8,000	12,200	80 m/sec	Natural fibre	40	40	91824
						60	91826
Ø 178 x 22.2	5,000 – 6,000	8,500	80 m/sec	Natural fibre	40	40	91844
						60	91846



1 New zircon recipe and patented lamella configuration massively increase the removal rate and thus the savings in working time with a long service life at the same time.

2 Elastic natural fiber high-tech compound carrier plate protects the environment and the user (CO₂-neutral), completely trimmable for 100 percent use of the pane, noise and vibration dampening.



NEW PRODUCTS 2021

Eisenblätter grinding tools

SUITABLE FOR STAINLESS STEEL - STEEL

★★★★★

MAGNUM® PRECICUT Cutting Disc

The new generation of cutting discs:
Cut high-precision metal now!

Take the test with our new precision cutting disc! Experience metal separation at a higher level than previously known.

The precise cutting of sheet metal parts, for example, **extremely precisely on line marking**, is often difficult ("deflection") due to the high flexibility with thin cutting discs, especially "free hand". In order to **maximize accuracy**, Eisenblätter now offers a **precision cutting disc** that makes this problem much easier. Thanks to the particularly compact shape of the center, the new generation of cutting discs is extremely dimensionally stable and torsion-proof. Cutting, even of longer workpiece sections, is much easier and more precise to carry out.

Due to the particularly reduced "crowning" center, the possible incision depth is significantly higher than with comparable products. This expands the technical possibilities and significantly increases the service life through significantly more cuts. **This new generation of cutting discs** naturally offers **greater stability and safety** in "free precision cutting" and ensures exact and "thinner" metal cuts.

Particular emphasis was placed on "bite" and **extremely high durability**. It is certainly one of the **most powerful cutting discs** in the metal sector. **MAGNUM® PRECICUT** is a **universal cutting disc** that shows its advantages in almost all metal areas – **from stainless steel to steel**. Thanks to a new, **clever formula**, the **aging resistance** could be increased enormously. Conventional cut-off wheels generally become softer in the bond when stored for a long time and lose their original aggressiveness and service life during storage!



NEW



MAGNUM® PRECICUT:
"real" 1 mm thick!

Advantages at a glance

- Ideal for **precise cutting from stainless steel to steel**.
- Exact, **straight cuts even with freehand cuts**.
- **Largest possible cutting depth** thanks to the small 55 mm metal hub in the center.
- **Twist-proof and dimensionally stable** thanks to the cranked shape.
- **High security thanks to the metal center** – no looping through possible.
- **ANTI-AGING SYSTEM:** Hardly any loss of performance, even after long periods of storage.
- Special formula for a **long service life and high stock removal rate**.
- **Exactly 1 mm** – for particularly thin cuts at high cutting speeds.
- Very little heat development when cutting – **no tarnish**.
- **No vibrations, no bending or fluttering** while cutting.

No tarnishing when cutting stainless steel!

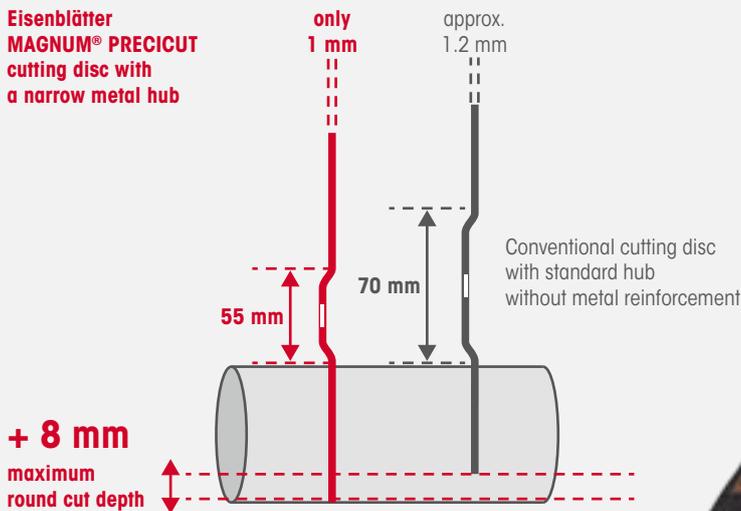
Exact, straight cuts even with freehand cuts.

Technical specifications **MAGNUM® PRECICUT** cutting disc

Dimensions (mm)	Thickness (mm)	Max. speed (min ⁻¹)	Approved for (DIN EN 12413)	Shape	Hardness	Pkg. unit 	Article number
Ø 125 x 22.2	1.0	12,250	80 m/sec	 off-set	hard	25	85512



Eisenblätter **MAGNUM® PRECICUT** cutting disc with a narrow metal hub



- 1** Exact 1 mm thickness for maximum precision.
- 2** Maximum depth of cut thanks to tight "crowning".
- 3** Metal hub for maximum security.



NEW

EISENBLÄTT
★★★★★

125 x 1.0 x 22.23 mm
(5 x 3/64 x 7/8")

Art. 85512

Max. speed
12.250 rpm
80 m/sec

ISO 9001 **EN12413**

see ANSI B7.1

A60 SXBF [TYPE 42]

Fe, S, Cl < 0,1%

**Steel / Stainless
Stahl / Edelstahl**

NEW PRODUCTS 2021

Eisenblätter grinding tools

SUITABLE FOR ALL METALS

COLDSTEEL® RazorFlap® Sanding Disc

The best of fiber and flap discs!

Completely new and **patented high-performance flap discs** guarantee metal removal rates that were previously not achievable with commercially available flap discs.

The **COLDSTEEL® RazorFlap® disc** was specially developed for the **heavy-duty area**, such as in **shipyards and shipbuilding, metal, structural and civil engineering** etc.; where it is a matter of processing or carrying out **large weld seams, chamfers, deburring and much more at record speed**. This ingenious new development represents an ingenious **combination of flap disc and ceramic fiber disc**, which combines durability and grinding performance of both systems. **Removal increases of 30 to 40%**, e.g. compared to ceramic flap discs are achieved on average. The **flat arrangement** of the lamellas and the **wide contact surface** enable a **high grinding speed on all metals** that were previously only known from **cubic ceramic fiber discs**. Similar to a flap disc, the lamellas are completely used up at the edge of the lamellas and **provide fresh grain**. Due to these polishing properties of the carrier fabric, **significantly lower roughness depths** are achieved on the surface of the workpiece. This means that **post-processing** with subsequent tools **can often be dispensed with**.

The **COLDSTEEL® RazorFlap®** has been equipped with a **new generation of microcrystalline ceramic grains** which, in addition to their **particularly cooling properties**, retain their **high grinding sharpness** over the **entire service life**. The new discs have a **fiberglass-free natural fiber compound backing plate with an M14 thread** and can be changed at lightning speed without tools. The **COLDSTEEL® RazorFlap® saves** enormously cost-intensive **working time**, especially when it comes to reducing metal mass quickly!



Recommendation:

Due to the extreme performance of these discs, we only recommend using particularly high-torque angle grinders, such as VARILEX® 1802 HT (High Torque) or corresponding grinders!

Advantages at a glance

- **3 to 4 times longer service life** than ceramic fiber discs.
- **30 to 40% higher stock removal rate** compared to conventional, ceramic flap discs.
- **Consistent grinding sharpness over the entire service life.**
- Elastic **natural fiber high-tech compound carrier plate protects the environment and users (CO₂-neutral)**, completely **trimmable** for complete use of the pane, noise and vibration dampening.
- With **integrated M14 thread** for tool-free and fastest tool changes.





Technical specifications COLDSTEEL® RazorFlap® grinding disc

Dimensions (mm x thread)	Ideal speed (min ⁻¹)	Max. speed (min ⁻¹)	Approved for (DIN EN 13743)	Backing plate	Pkg. unit 	Grit (K)	Article number
Ø 125 x M14	6,000 – 8,000	12,200	80 m/sec	Natural fibre	5	36	82211

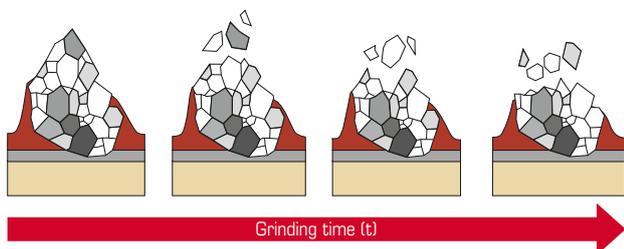


- 1 Elastic natural fiber high-tech compound carrier plate** protects the environment and the user (CO₂-neutral), completely trimmable for 100 percent use of the pane, noise and vibration dampening.
- 2 High-performance ceramic fabric** for maximum stock removal and cool grinding.
- 3 Patented lamella configuration for consistently high removal rates over the entire service life.**



EISENBLÄTTER Ceramic self-sharpening process

The existing grinding force breaks off sintered microcrystals, continuously giving the grit new, sharp cutting edges.



NEW PRODUCTS 2021

Eisenblätter grinding tools

SUITABLE FOR SANDING TASKS IN DIFFICULT PLACES

MINI MAX® 1100 Multi-functional Grinder

The mini workshop for every craftsman:
Mini angle grinder and mini linear grinder in one!

The new, revised **MINI MAX® 1100** once again promises significantly **more power reserves for continuous professional use**. In addition to the new, powerful and speed-controlled drive motor, the new universal sander shines **with significantly improved dust protection and mechanics**.

The **speed ranges have been expanded** and offer the ideal drive unit with **perfect longitudinal guidance** for clean, shadow-free surfaces for a variety of **mini shaft tools (fleece, mop, polisher and much more)**. Thanks to the balanced weight distribution, you can work **completely fatigue-free** even for many hours.



Also available as a CAS battery machine: **MINI MAX® AKKU**.

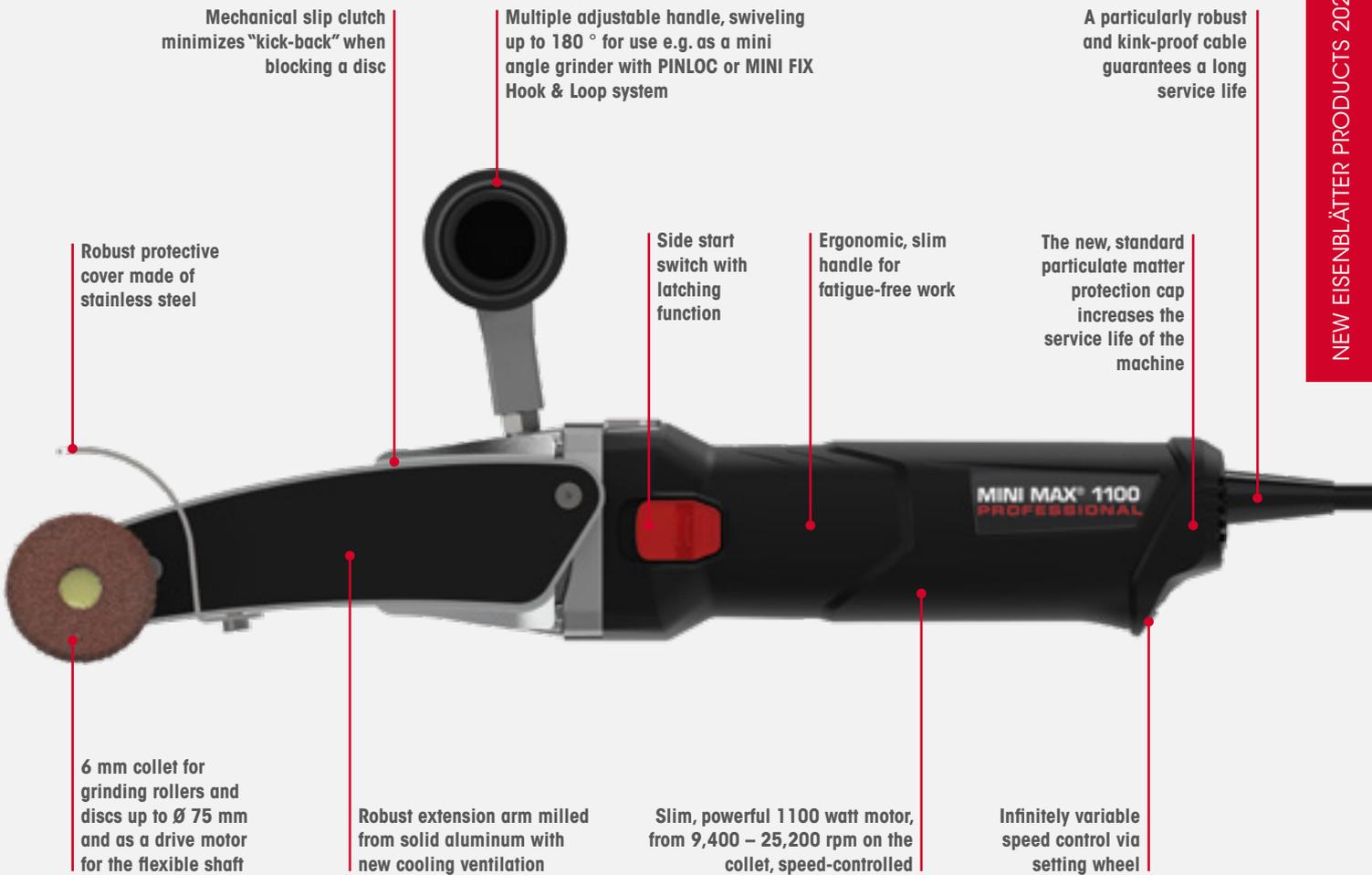


Advantages at a glance

- **Particularly versatile** and indispensable for **service, repair, assembly, motor vehicles, painting workshops** and much more.
- **For grinding tasks in difficult places** (corners, edges, inner containers, etc.), **coarse grinding, fine grinding, satin finishing, matting, polishing to a mirror finish, mini angle grinding and cut-off grinding**.
- **Ideal drive motor for flexible shafts** with a 6 mm shaft.
- The working temperature of the grinding arm and the gear head is massively reduced by a new type of air duct system, making the **MINI MAX® 1100 ideal for continuous use**.
- **Ideal for the Eisenblätter MINI FIX and the Eisenblätter PINLOC system. Also suitable for other systems available on the market such as ROLOC™, FASTLOCK or similar.**
- **Extensive range of grinding tools for every grinding task on stainless steel, steel, non-ferrous metals, aluminum, wood and plastics.**
- Can be used with a **ball joint holder** to securely fix the drive motor when working with the **flexible shaft** or as a **stationary grinder**.
- **Switch-off carbon brushes** to protect the motor.
- **Foam rubber handle** for "soft", vibration-neutral grinding.
- **Made in Germany.**



Turning the machine 90 ° to a mini angle grinder with MINI FIX Hook & Loop, FIX Hook & Loop and PINLOC system



Mechanical slip clutch minimizes "kick-back" when blocking a disc

Multiple adjustable handle, swiveling up to 180° for use e.g. as a mini angle grinder with PINLOC or MINI FIX Hook & Loop system

A particularly robust and kink-proof cable guarantees a long service life

Robust protective cover made of stainless steel

Side start switch with latching function

Ergonomic, slim handle for fatigue-free work

The new, standard particulate matter protection cap increases the service life of the machine

6 mm collet for grinding rollers and discs up to Ø 75 mm and as a drive motor for the flexible shaft

Robust extension arm milled from solid aluminum with new cooling ventilation

Slim, powerful 1100 watt motor, from 9,400 – 25,200 rpm on the collet, speed-controlled

Infinitely variable speed control via setting wheel

Technical specifications MINI MAX® 1100 multi-functional grinder

Plug type	Cable type	Mains connection (V – Hz)	Power (W)	Thread (mm)	Speed (min ⁻¹)	Weight (kg)	Pkg. unit 	Article number
EU (C+F)	Permanent connection	220 – 240 ~ 50 – 60	1,100	Collet for Ø 6	9,400 – 25,200	2.8	1	10051
CH (J)	Permanent connection	220 – 240 ~ 50 – 60	1,100	Collet for Ø 6	9,400 – 25,200	2.8	1	10051s

Contents:

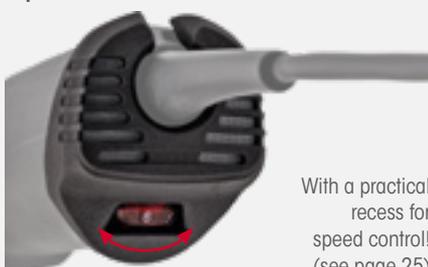
- 1 MINI MAX® 1100 multi-functional grinder
- 1 Robust, impact-resistant plastic case
- 1 Particulate matter protection cap
- 1 MINI FIX packing pad
- 1 MINI FIX Cool Top® flap disc
- 1 Fleece wheel, 6 mm shaft

Suitable **grinding tools** for this device and many other products for everything to do with grinding, cutting and polishing can be found in our **shop at www.eisenblaetter.de** or in our **catalog** or the **price list**.

If you do not have the catalog or the price list at hand, you can **request it from us free of charge!**



The new, standard particulate matter protection cap increases the service life of the machine!



With a practical recess for speed control! (see page 25)

Extensive range of tools available – see catalog (from page 117), price list or www.eisenblaetter.de/shop: Sleeves, wheels, MINI FIX Hook & Loop system, PINLOC system and much more.



The ideal addition to your machine: the MINI MAX® PRO accessory set.

Further accessory sets are also available for other machines – further information at www.eisenblaetter.de or in the catalog.



NEW PRODUCTS 2021

Eisenblätter grinding tools

SUITABLE FOR LINEAR GRINDING · TUBE PROCESSING

PTX COMPACT HT Linear Grinder

The compact all-rounder for every workshop

Linear grinding, matting, satin finishing, polishing, deburring, derusting, descaling, paint removal, round tube processing and much more.

Thanks to a sophisticated **planetary gear** that provides incredibly **high power reserves** and torque, Eisenblätter is the first to offer a **light, compact universal grinder** that should not be missing in any workshop.

In addition to the well-known linear grinder from the POLY-PTX® series for working widths from 100 to 110 mm, Eisenblätter now offers a **compact version** of its **legendary linear grinding machines**, especially for roller widths up to 50 mm! Thanks to the **ideal speeds of 800 – 3,000 rpm**, almost all surface treatments can be carried out, even in "small format", **for long-term professional use**. The prerequisite for this versatility and usability of almost all possible grinding tools is of course the **high torque**, which is also guaranteed in the lower speed range by the special gear.

All **grinding and polishing tools** are equipped with an **M14 thread** and enable a very **quick and tool-free roll change**. By using a **grinding belt roller**, round pipes can be completely processed just as easily, even on **closed pipe constructions**.

Advantages at a glance

- **3 times the power, thanks to planetary gear.**
- **Ideal speed range from 800 – 3,000 rpm.**
- **Light and handy, for right and left handers (handle swivels).**
- **Easy tool change in seconds.**
- **Suitable for one- and two-handed work, thanks to its compact design.**
- **Very robust and high-quality components for a particularly long service life.**
- **Switch-off carbon brushes** to protect the motor.
- **Foam rubber handle** for "soft", vibration-neutral grinding.
- **Made in Germany.**



NEW

HT HighTorque



Sophisticated planetary gear for high power reserves and torque





Technical specifications **PTX COMPACT HT linear grinder**

Plug type	Cable type	Mains connection (V - Hz)	Power (W)	Thread (mm)	Speed (min ⁻¹)	Weight (kg)	Pkg. unit 	Article number
EU (C+F)	Permanent connection	220 – 240 ~ 50 – 60	1,100	M14 thread	800 – 3.000	2.7	1	40401
CH (J)	Permanent connection	220 – 240 ~ 50 – 60	1,100	M14 thread	800 – 3.000	2.7	1	40401s
GB (G)	Permanent connection	110 – 120 ~ 50 – 60	1,100	M14 thread	800 – 3.000	2.7	1	40401a

- Contents:**
- 1 PTX COMPACT HT linear grinder
 - 1 Robust, impact-resistant plastic case
 - 1 Particulate matter protection cap
 - 1 Fleece wheel with M14 thread 105 x 50 mm

Suitable **grinding tools** for this device and many other products for everything to do with grinding, cutting and polishing can be found in our **shop at www.eisenblaetter.de** or in our **catalog** or the **price list**.

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The new, standard particulate matter protection cap increases the service life of the machine!



With a practical recess for speed control! (see page 25)

You can find new grinding tools with M14 threads on pages 16 to 19.



Tool change in no time thanks to the M14 holder and integrated M14 thread.



NEW PRODUCTS 2021

Eisenblätter grinding tools

SUITABLE FOR SLEEVES Ø 90 X 50 MM

Expansion Roller with M14 thread

For **using sanding sleeves on the speed-controlled PTX COMPACT HT** satin finishing machine. With vibration-damping cross groove sleeve and M14 thread insert for 100% concentricity.



NEW

Technical specifications

Dimensions (Diameter x width in mm x thread)	Max. speed (min ⁻¹)	Pkg. unit 	Article number
Ø 90 x 50 x M14	5,000	1	40407



SUITABLE FOR PTX COMPACT HT

Grinding Belt Roller with M14 thread

For belts up to 30 mm wide

Deflection roller made of **wear-resistant**, soft, grooved **Vulcunan plastic** for better grip and **slip-free working** with stainless steel stop disks on the side. With vibration-damping cross groove sleeve and M14 thread insert for 100% concentricity.



NEW

Technical specifications

Dimensions (Diameter x width in mm x thread)	Material	Max. speed (min ⁻¹)	Pkg. unit 	Article number
Ø 85 x 70 x M14	Vulcunan polyurethane with stainless steel flanges	6,500	1	40406



EISENBLÄTTER quality tools

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If you do not have the catalog or the price list at hand, you can **request it from us free of charge!**



Zircon sleeves



SC fleece sleeves



High-quality corundum belts



Felt belts

and much more ...

and much more ...

SUITABLE FOR ALL METALS · WOOD

Flap Wheel with M14 thread

Abrasive flap wheel for surface grinding

For **removing rust, oxide layers, paint, scratches** and for **strong structuring** and satin finishing of metals. With vibration-damping cross groove sleeve and M14 thread insert for 100% concentricity.



Technical specifications

Dimensions (Diameter x width in mm x thread)	Ideal speed (min ⁻¹)	Max. speed (min ⁻¹)	Material	Pkg. unit 	Grit (K)	Article number
Ø 105 x 50 x M14	1,000 – 2,000	5,000	High-quality corundum cloth	4	24	40430
					40	40431
					60	40432
					80	40433



SUITABLE FOR ALL METALS · WOOD

Mix Wheel with M14 thread

Fleece abrasive flaps combo wheel

Grain-filled, **high-quality nylon fleece** with versatile **high-grade corundum abrasive fabric** for even use over the entire service life. Acts more aggressively than pure fleece wheels. With vibration-damping cross groove sleeve and M14 thread insert for 100% concentricity.



Metal: matting, satin finishing, removal of light scratches, rust, oxide, etc.

Wood: smoothing the surface, removing old paint, dirt, etc.

Technical specifications

Dimensions (Diameter x width in mm x thread)	Ideal speed (min ⁻¹)	Max. speed (min ⁻¹)	Material	Pkg. unit 	Grit (K)	Article number
Ø 105 x 50 x M14	1,000 – 2,000	5,000	High-quality corundum cloth	4	60	40440
					80	40441
					180	40443



NEW PRODUCTS 2021

Eisenblätter grinding tools

SUITABLE FOR ALL METALS · WOOD

Fleece Wheel with M14 thread

Compact high-tech fleece roller made of compressed nylon grain fleece for industrial sanding

Very high quality fleece fabric for a particularly **long service life**. Creates a **shadow-free industrial finish** (matting, satin finishing). Also for pre-polishing, **removing oxide layers** as well as **aligning "pre-ground" sheets** and smoothing surfaces. With vibration-damping cross groove sleeve and M14 thread insert for 100% concentricity.



Technical specifications

Dimensions (Diameter x width in mm x thread)	Ideal speed (min ⁻¹)	Max. speed (min ⁻¹)	Material	Pkg. unit 	Grit (K)	Article number
Ø 105 x 50 x M14	1,000 – 2,500	5,000	Nylon fleece fabric	4	60	40450
					80	40451
					180	40452
					280	40453



SUITABLE FOR ALL METALS · HARD PLASTICS

Felt Wheel with M14 thread

For **pre-polishing and high-gloss polishing** of small to medium-sized flat surfaces on non-ferrous metals up to VA. **First-class merino felt wheel** made of continuous **solid felt material** with vibration-damping cross-groove sleeve and M14 thread insert for 100% concentricity. Can be used with stronger contact pressure.

You can find suitable polishing pastes and creams in the catalog.

Note: Do not use different pastes or creams on the same felt wheel.



Technical specifications

Dimensions (Diameter x width in mm x thread)	Ideal speed (min ⁻¹)	Max. speed (min ⁻¹)	Material	Pkg. unit 	Article number
Ø 100 x 50 x M14	1,000 – 3,000	5,000	Merino felt	4	40470



SUITABLE FOR ALL METALS · WOOD

Clean Wheel with M14 thread

Extra resistant nylon fleece cleaning roller

Cleaning and pore-deep removal of paint, rust, scale and dirt from all materials.

Works like sandblasting, **cleans without removing material**. Ideal in the body shop, the automotive industry, in shipyards and for renovation work in the painting and building trade. With vibration-damping cross groove sleeve and M14 thread insert for 100% concentricity.



Technical specifications

Dimensions (Diameter x width in mm x thread)	Ideal speed (min ⁻¹)	Max. speed (min ⁻¹)	Pkg. unit 	Article number
Ø 115 x 50 x M14	1,000 – 2,000	5,000	2	40480



SUITABLE FOR ALL METALS · WOOD

Clean Wheel Soft with M14 thread

Extra soft nylon fleece cleaning roller

Cleaning and pore-deep removal of paint, rust, scale and dirt from all materials.

Works like sandblasting, **cleans without removing material**. Ideal in body construction, the automotive industry, in shipyards and for renovation work in Painting and building trade. Can also be used for coarse satin finishing (K 60).

Tip: Ideal for the targeted removal of scratches from already satined surfaces without reworking.

With vibration-damping cross groove sleeve and M14 thread insert for 100% concentricity.



Technical specifications

Dimensions (Diameter x width in mm x thread)	Ideal speed (min ⁻¹)	Max. speed (min ⁻¹)	Pkg. unit 	Article number
Ø 115 x 50 x M14	1,000 – 2,000	5,000	2	40481



NEW PRODUCTS 2021

Eisenblätter grinding tools

SUITABLE FOR BELT DIMENSIONS 40 X 780 MM

TOPRAIL 1100 HT Pipe Belt Sander

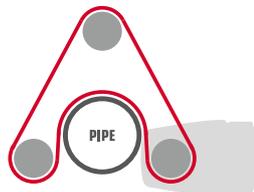
High-precision tube processing
with the smallest size

Extremely **compact and powerful pipe belt sander** for **easy and fatigue-free sanding, satin finishing or polishing of round pipes**. During use, the machine is resiliently placed on the round tube from above, which enables **fatigue-free work for hours**, as the weight of the machine rests on the workpiece. Thanks to the **high-performance motor with planetary gear**, a **triple torque** is generated compared to grinders of a similar design. The TOPRAIL 1100 HT is therefore **ideally suited for continuous use**, and that with **low weight and very compact dimensions**. All functional parts are made of **high-quality, milled aluminum, wear-resistant drive and deflection rollers** (with lateral belt guide). As a result, **high precision** and a perfect end result.

Belt dimensions: 40 x 780 mm



Pipe diameter
ideal Ø 20 – 80 mm
max. Ø 130 mm



NEW

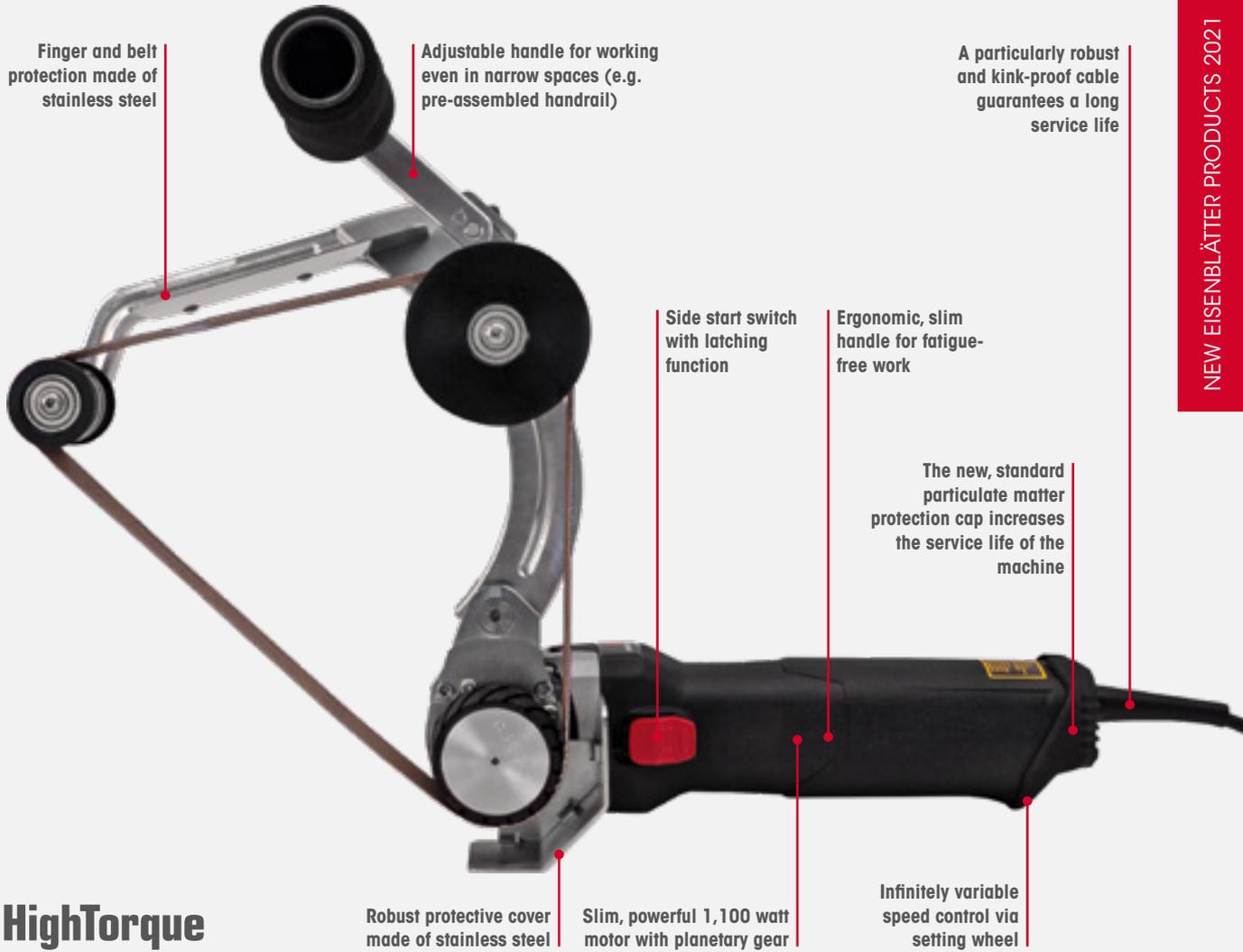


Sophisticated planetary gear for high power reserves and torque

Advantages at a glance

- Particularly easy **belt change in seconds**.
- **Stainless steel** protective covers.
- Ideal for working in **tight grinding areas** – the handle can be adjusted accordingly.
- Extremely compact, powerful and high-torque thanks to the exclusive **planetary gear (high torque) with high pulling power** – up to three times higher than comparable devices.
- Fatigue-free, **easily controllable belt guide**.
- "Marathon-Engine" offers **30% higher power reserves** with up to **50% more torque** compared to comparable devices.
- Motor with **multiple dust protection** for a long service life.
- **Electronic overload protection, soft start and restart protection**.
- **Switch-off carbon brushes** to protect the motor.
- Maintenance-friendly device design – for **carbon brush replacement in seconds**.
- The machine can be put down without touching the table in the standing position.
- **Made in Germany**.





Finger and belt protection made of stainless steel

Adjustable handle for working even in narrow spaces (e.g. pre-assembled handrail)

A particularly robust and kink-proof cable guarantees a long service life

Side start switch with latching function

Ergonomic, slim handle for fatigue-free work

The new, standard particulate matter protection cap increases the service life of the machine



Robust protective cover made of stainless steel

Slim, powerful 1,100 watt motor with planetary gear

Infinitely variable speed control via setting wheel

Technical specifications TOPRAIL 1100 HT pipe belt sander

Plug type	Cable type	Mains connection (V ~ Hz)	Power (W)	Belt dimensions (width x length mm)	Speed (min ⁻¹)	Belt speed (m/sec)	Weight (kg)	Pkg. unit	Article number
EU (C+F)	Permanent connection	220 – 240 ~ 50 – 60	1,100	40 x 780	800 – 3,000	2.5 – 9.4	3.8	1	38810
CH (J)	Permanent connection	220 – 240 ~ 50 – 60	1,100	40 x 780	800 – 3,000	2.5 – 9.4	3.8	1	38810s
GB (G)	Permanent connection	110 – 120 ~ 50 – 60	1,100	40 x 780	800 – 3,000	2.5 – 9.4	3.8	1	38810a

- Contents:**
- 1 TOPRAIL 1100 HT pipe belt sander
 - 1 Robust, impact-resistant plastic case
 - 1 Particulate matter protection cap
 - 3 Zircon belts
 - 1 SC fleece belts

Suitable **grinding tools** for this device and many other products for everything to do with grinding, cutting and polishing can be found in our **shop at www.eisenblaetter.de** or in our **catalog** or the **price list**.

If you do not have the catalog or the price list at hand, you can **request it from us free of charge!**



The new, standard particulate matter protection cap increases the service life of the machine!



With a practical recess for speed control! (see page 25)

You can find suitable belts in our catalog or at www.eisenblaetter.de/shop



Zircon belts SC fleece belts SuperPolish belts

The ideal addition to your machine: the pipe processing accessory set.

Further accessory sets are also available for other machines – further information at www.eisenblaetter.de or in the catalog.



NEW PRODUCTS 2021

Eisenblätter grinding tools

SUITABLE FOR BELT DIMENSIONS 5 / 9 X 533 MM

BAND-IT 1100 Power File

Finishing with precision

The new **BAND-IT 1100 power file** has an even **more robust drive for continuous professional use**. The mechanics have been improved again and are particularly **powerful and precise**.

Belt dimensions: 5 / 9 x 533 mm



all sizes
flat surfaces

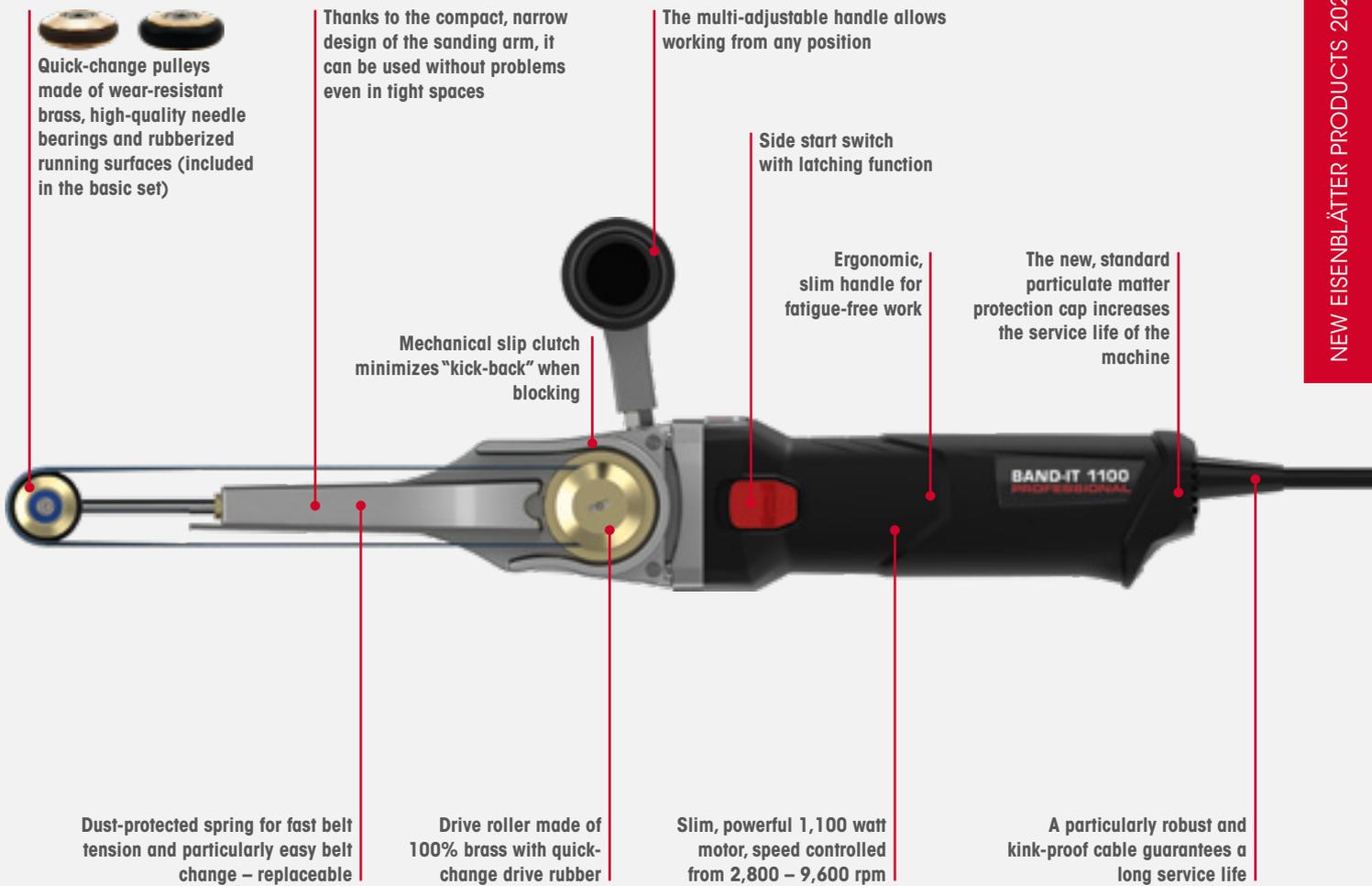


NEW

Advantages at a glance

- Due to the **compact, narrow design**, ideal for **working in "tight spaces"** e.g. possible in edges, folds and corners. Particularly interesting in **railing, apparatus, tool and metal construction**.
- **For sanding and polishing belts 5 and 9 mm wide**. Belt change in seconds. Quickly exchangeable, **brass pulleys**, with high-quality needle bearings and rubberized running surfaces.
- **Grinding and polishing belts** are **automatically guided and adjusted**. The **pre-tensioning can also be locked in place** using a knurled screw, for firmer **contact pressure and precise work**.
- Balanced, powerful machine, **1100 watts**, speed-controlled **2,800 – 9,600 rpm**. Damping by a **dust-protected spring**. **Mobile or stationary use**, e.g. with **table ball joint holder**.
- **Made in Germany**.





Technical specifications **BAND-IT 1100 power file**

Plug type	Cable type	Mains connection (V ~ Hz)	Power (W)	Belt dimensions (mm)	Speed (min ⁻¹)	Belt speed (m/sec)	Weight (kg)	Pkg. unit	Article number
EU (C+F)	Permanent connection	220 – 240 ~ 50 – 60	1,100	5/9 x 533	2,800 – 9,600	4.0 – 14.0	2.3	1	38071
CH (J)	Permanent connection	220 – 240 ~ 50 – 60	1,100	5/9 x 533	2,800 – 9,600	4.0 – 14.0	2.3	1	38071s

- Contents:**
- 1 BAND-IT 1100 power file
 - 1 Robust, impact-resistant plastic case
 - 1 Particulate matter protection cap
 - 1 Interchangeable roller for 9 x 533 mm fleece and polishing belts
 - 1 Interchangeable roller for 5 x 533 mm grinding belts
 - 8 Grinding belts 9 x 533 mm

Suitable **grinding tools** for this device and many other products for everything to do with grinding, cutting and polishing can be found in our **shop at www.eisenblaetter.de** or in our **catalog** or the **price list**.

If you do not have the catalog or the price list at hand, you can **request it from us free of charge!**



The new, standard particulate matter protection cap increases the service life of the machine!



With a practical recess for speed control! (see page 25)

The ideal addition to your machine: the BAND-IT accessory set.

Further accessory sets are also available for other machines – further information at www.eisenblaetter.de or in the catalog.



Also available as a CAS battery machine: **BAND-IT AKKU**



NEW PRODUCTS 2021

Eisenblätter grinding tools

NEW EISENBLÄTTER PRODUCTS 2021

GrinderGRIP

Magnetic machine holder – easier, safer, practical.

The angle grinder accessory that **makes work easier, safer and more convenient**. Attach your angle grinder securely to a **magnetic surface** when you “put it down” and **keep it out of danger and still within reach!**

A particularly **powerful magnetic holder**, adaptable to many of the commercially available **angle grinders**, promises attachment of the grinder to any magnetic surface in seconds. Such as e.g. on **metal walls, tables, car bodies, plates, metal columns** and much more! This **effectively prevents the grinder from falling down** and enables **lightning-fast access** to the grinder in any position. **Adhesive force up to approx. 10 kg!** The magnetic block is attached to your angle grinder using metal brackets on the side and the corresponding screws. **It couldn't be more practical or safer!**

Advantages at a glance

- Securely attaches your angle grinder to magnetic surfaces.
- Particularly **powerful magnet** – adhesive force approx. 10 kg.
- **Improves work efficiency.**



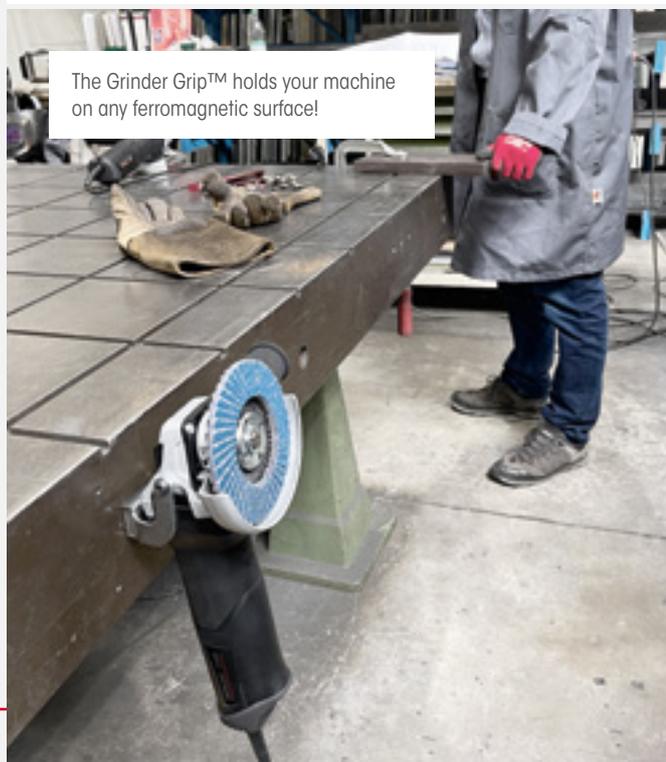
Patent Pending.
Grinder Grip™ is a trademark used under license.

Technical specifications

Suitable for:	Mounting width (mm)	Weight (kg)	Pkg. unit	Article number
VARILEX® 1802 HT, VARILEX® 1800, VARILEX® 1600, VARILEX® 1100	78.3	0.27	1	65028

Compatible with the following angle grinders from other manufacturers:

METABO W*18 series; W12* series; WE*** series / FEIN CCG 18* series; WSG-* series / BOSCH GWS* series; GWX* series / AEG WS 15 series; Milwaukee AVG 17 series; AS 12 E series



The Grinder Grip™ holds your machine on any ferromagnetic surface!



Simply “put down” the machine safely within reach and pick it up again.

SUITABLE FOR VARILEX® 1100 - MINI MAX® 1100 - PTX COMPACT HT - TOPRAIL 1100 HT - BAND-IT 1100

Particulate Matter Protection Cap

with filter fabric

The electrical structure is **particularly protected**, especially when there is a **high volume of dust**. Who does not know this: metal dust collects inside the electrical device and causes a short circuit, which can destroy the device.

The problem could be avoided by regularly "blowing out" the air inlet openings, but in daily practice this need for care is very often neglected. And the subsequent annoyance about a defective machine is great! **Eisenblätter provides a remedy!** In addition to the improved internal encapsulation of the current-carrying parts, the **air inlet** is shielded by means of a **newly developed particulate matter protection cap**. Despite these protective measures at the "rear" of the grinder, the speed control can be conveniently changed at any time using the setting wheel. Other products often cover the entire setting wheel.

Inside the newly developed **particulate matter protection cap** there is an **exchangeable filter fabric**, which can be easily **blown out or replaced** at any time in the event of excessive dust accumulation. The basic set contains **10 exchangeable filter fabrics**.

This smart idea increases the service life of your machines enormously!



NEW



Technical specifications

Product	Suitable for:	Pkg. unit 	Article number
Particulate matter protection cap	VARILEX® 1100, MINI MAX® 1100, PTX COMPACT HT, TOPRAIL 1100 HT, BAND-IT 1100	1	40092
Filter fabric	Particulate matter protection cap (40092)	10	40093



Standard with these Eisenblätter machines:



NEW PRODUCTS 2021

Eisenblätter grinding tools

SUITABLE FOR ROHR MAX® 802 HT

ROHR MAX® Finger Protection Cover

according to DIN / VDE

For **additional protection** against possible "finger injuries" on the belt drive roller, this robust "aluminum housing" was developed **in accordance with DIN / VDE** for the belt deflection.

This **effectively prevents a finger from being drawn into the drive.**

It is **attached easily** and **without tools using knurled screws.**

The finger guard also **enables the machine to be placed upright** on the work table without the belt touching it.

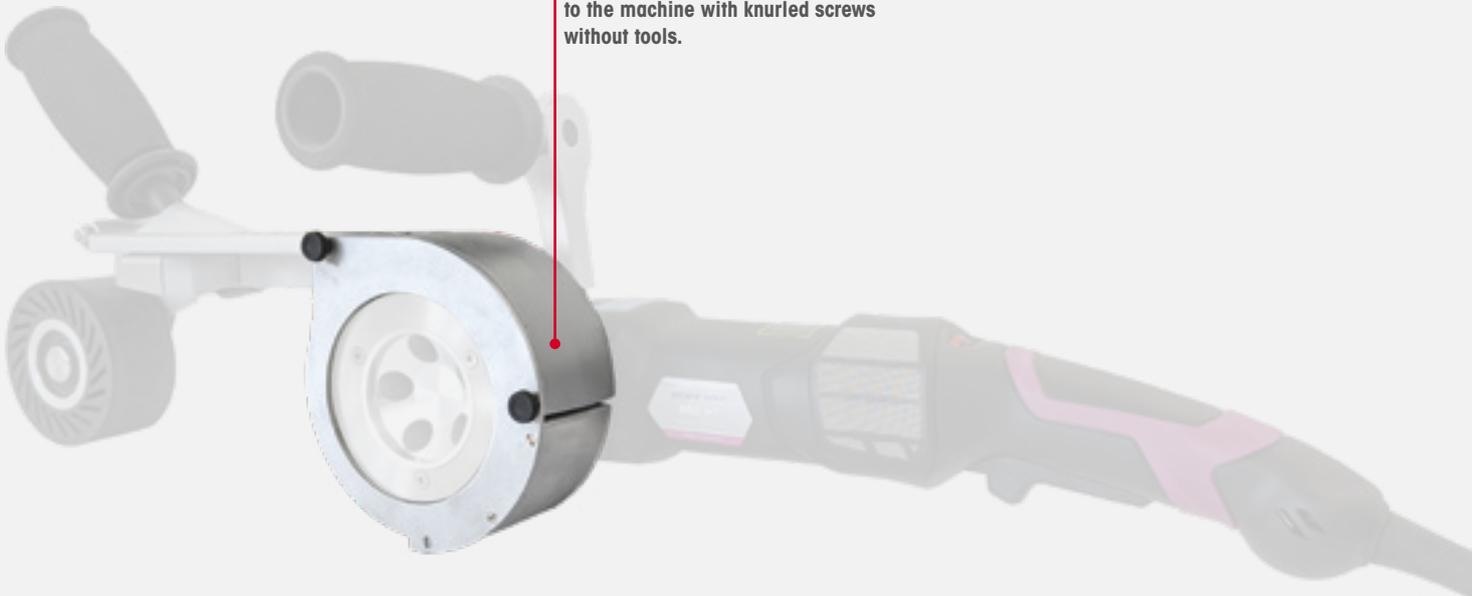


Technical specifications

Product	Suitable for:	Pkg. unit	Article number
Finger protection cover incl. 3 knurled screws	ROHR MAX® 802 HT (from date of purchase 06/2021)	1	38703



The finger protection cover is attached to the machine with knurled screws without tools.



2021
50 YEARS

Top Innovation in
Surface Technologies



Gerd Eisenblätter GmbH

Jeschkenstraße 12d
82538 Geretsried
Germany

Phone +49 8171 9082-010

Fax +49 8171 9082-220

info@eisenblaetter.de

www.eisenblaetter.de

