

A member of **TOPWERK**



TOOLS



**INCREASE YOUR PROFIT WITH OUR HIGH-QUALITY TOOLS
FOR HERMETIC PRESSES AND VALUE ADDING LINES**

INNOVATIVE. RELIABLE. EFFICIENT.

MATRICES

OUR FLEXIBILITY FOR YOUR SUCCESS

We manufacture with 3 vulcanizing presses. This in-house manufacturing in Regensburg, Germany, guarantees a fast and flexible delivery. Currently we have approx. 1,300 vulcanizing moulds.

All formats up to 1,200 x 1,200 mm as well as special formats with smooth and structured surfaces and also with chamfers are available as standard products.

Customer benefits

- We keep your production running; Thanks to our in-house production, we can react quickly and flexibly
- Cost saving due to high-quality raw materials and precise matrice dimensions



MATRICES

OUR KNOW-HOW FOR YOUR INDIVIDUALITY

We manufacture vulcanizing moulds according to your requests and suggestions.

Special customer requests can be realized. It goes without saying that we grant customer protection for these moulds. We are also able to create a natural look in the field of chamfer fabrication.

Our portfolio also includes suitable matrices for blind slabs.

Laser scanning of natural stones or existing textures and 3-D processing.

Customer benefits

- Ready for use in any season due to various rubber hardnesses
- Reduced scrap in the production of coated slabs due to our process engineering treatment of your matrices
- Production security due to reproducibility of your matrices
- High consistent quality of your end products due to precise and reproducible vulcanization process



MATRICES

UP TO 100 NEW VULCANIZING MOULDS EVERY
YEAR – WHY NOT FOR YOU!

From the handmade raw pattern over the machine-milled metal mould to the vulcanized matrice. We design, implement and deliver the optical appearance of your concrete slabs.

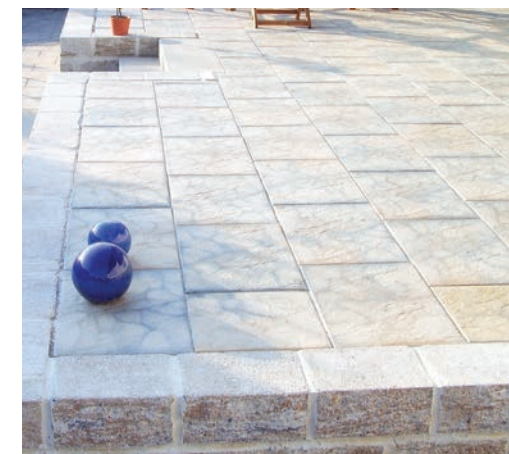


WEAR FRAMES

The production of your wear frames up to format sizes of 1,200 x 1,200 mm on our production machines offers you the benefit of greatest flexibility. Whether special dimensions, individual sealing edges, varying conicity or spacers for your slabs: With our in-house production, we not only offer the highest level of flexibility, but also make it possible to react quickly in the event of an emergency.

Customer benefits

- We keep your production running; Thanks to our in-house production, we can react quickly and flexibly
- High flexibility due to individual production possibilities



FACEMIX DISTRIBUTION PLATES

There is a vast number of facemix recipes. For this reason, we offer a wide range of facemix distribution plates up to a dimension of 1,200 x 1,200 mm. In addition to the different materials used, such as PE or vulcanized rubber, we also offer a variety of millings. Here, we also consider your individual requests.

Customer benefits

- Increased availability of the machine due to non-stick properties of the distribution plates
- Reduced scrap due to uniform facemix distribution (e.g. no cross formation)
- Cost and time saving due to low cleaning effort

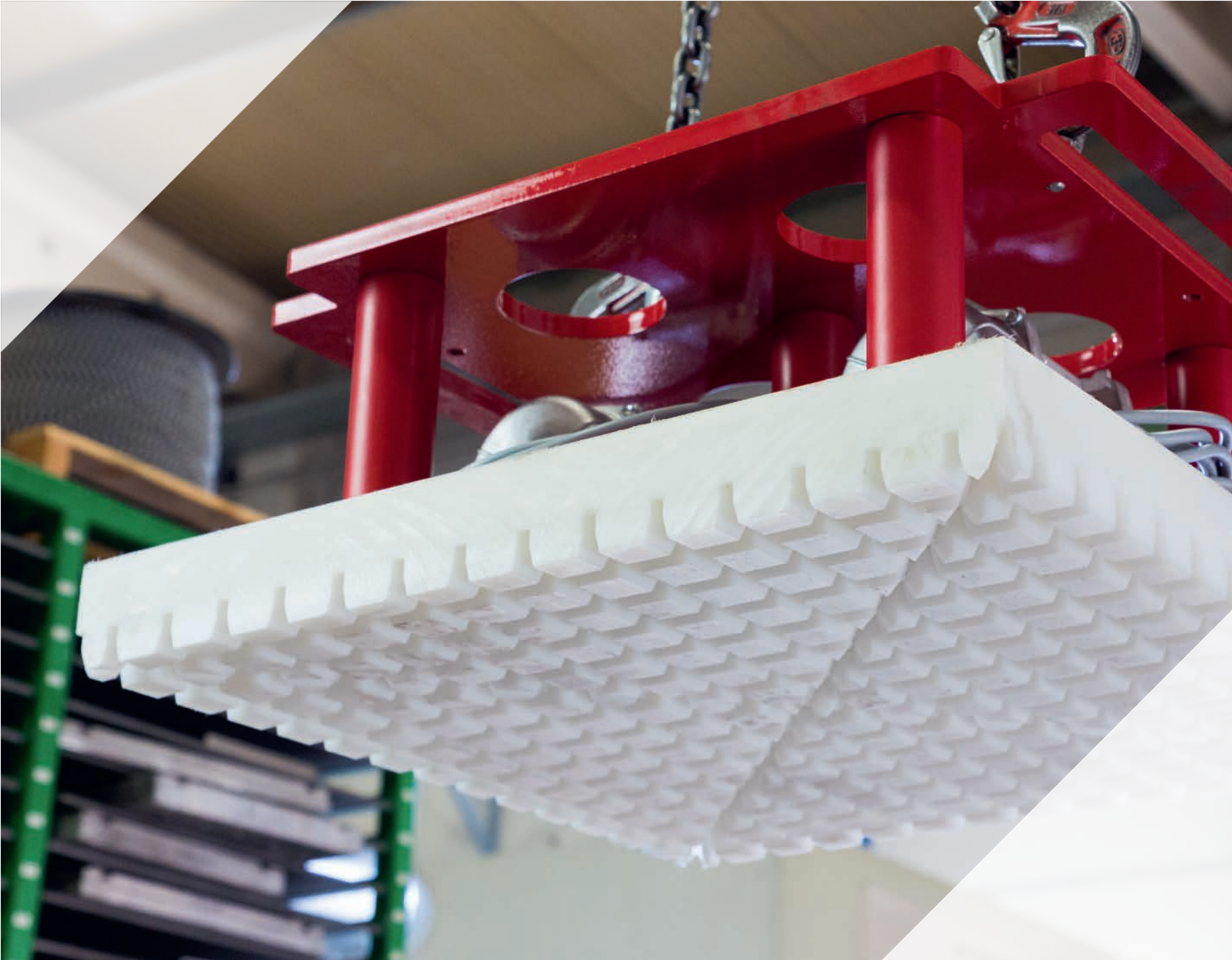
PRESS STAMP PLATES

Regardless of your production philosophy: We produce and deliver stamp plates in flat design or also with „edge pressure“ and „center pressure“ up to a dimension of 1,200 x 1,200 mm. Each made of hardened steel or vulcanized rubber.

Customer benefits

- High flexibility due to individual production possibilities

And if you are short of time, we can also re-vulcanize used plates very quickly.



VACUUM SUCTION PLATES AND CAGES

Even heavily structured slabs can be handled without damage. This is ensured by the different knob designs of our vacuum suction plates and cages. Up to a dimension of 1,200 x 1,200 mm, each format is available in different embossings.

Customer benefits

- Increased number of 1st quality products by careful handling of the slabs

EJECTORS

Whether as standard version made of steel, or as vacuum ejector for the production of thin or large slabs. Our high-quality welded and milled systems guarantee precision and durability up to a dimension of 1,200 x 1,200 mm in every imaginable dimension. This is the precondition for the production of high-quality slabs without edge breaks or cracks.

Customer benefits

- Increased number of 1st quality products by careful handling of the slabs
- Cost saving due to use of high-quality materials and machining processes



1,000 x 1,000 mm vacuum suction plate



COMPLETE MOULD SETS

Together with the tools mentioned so far, such as matrices, wear frames, facemix distribution plates, press stamp plates and ejectors, we also manufacture the remaining accessories such as mould tables, drilled and welded matrice holding plates and wear plates so that the complete mould equipment for all common hermetic presses is available for you.

Complete mould sets

- Mould tables
- Matrices
- Drilled and welded matrice holding plates
- Wear frames
- Wear plates
- Facemix distribution plates
- Press stamp plates (prepressing and main pressing station)
- Ejectors
- Vacuum groups





DIAMONDED AND GRINDING SEGMENTS

For the calibrating and grinding processes, we supply diamonded and grinding segments optimized especially for our machines. The steel universal holding disc enables a quick exchange of the segments. With us, you have the choice: Whether for dry mode or for use with cooling water, both for a working width of 850 mm or for 1,200 mm.

Contact us so that we can coordinate with you the optimal setting for your application.

Customer benefits

- Cost saving due to the individual coordination of the abrasives to the respective application
- Cost and time saving due to higher grinding speeds with the use of high-quality, easy-to-cut diamonded and grinding segments



Diamonded segments



Diamond, white

- At calibrating machine
- Wet mode
- Milling of backmix
- Long service life



Diamond, grey

- At calibrating and grinding machine
- Dry mode
- Milling of facemix and backmix
- Long service life



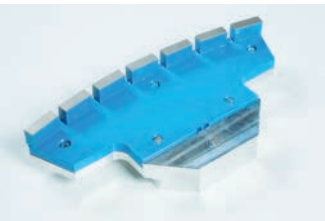
Diamond, brown

- At calibrating and grinding machine
- Wet mode
- Milling of facemix and backmix
- Long service life



Diamond, dark blue

- At grinding machine
- Wet mode
- Milling of facemix
- Long service life



Diamond, light blue

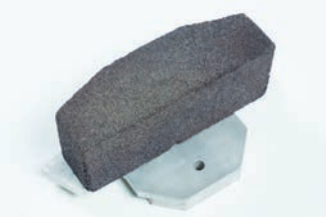
- At grinding machine
- Wet mode
- Milling of facemix
- Long service life



Diamond, green (smoother)

- At grinding machine
- Wet mode
- Milling of facemix
- Long service life

Grinding segments



Segment form Soonwald II (grain 10–180)

- High-quality grinding segment for surface treatment
- Suitable for dry grinding
- Long service life



HR Steckfix Magnesite (grain 16–220)

- Excellent grinding segment for perfect grinding
- Use of premium-quality raw materials
- Suitable for machines with grinding disc diameter of 650–1,500 mm



HR Steckfix Plastic-bound diamond (grain 60–220)

- Economical diamond grinding system for surface treatment of concrete and artificial stone
- High-quality resin bond
- No post-curing; the grinding segment retains its predetermined hardness grade



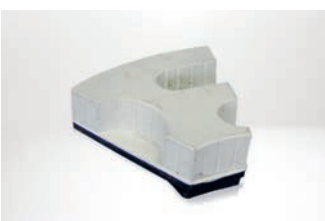
HR Steckfix Plastic (grain 16–1.000)

- Special resin bond for perfectly polished surfaces
- Very good lifetime values
- No post-curing; the grinding segment retains its predetermined hardness grade
- Suitable for machines with grinding disc diameter of 650–1,500 mm



Oak leaf segment for Ø 650 mm and 800 mm (grain 16/20–220)

- Excellent grinding segment for a perfect finish
- Use of premium-quality raw materials



Oak leaf Steckfix Ø 800 mm (grain 16/20–220)

- Excellent grinding segment for a perfect finish
- Use of premium-quality raw materials



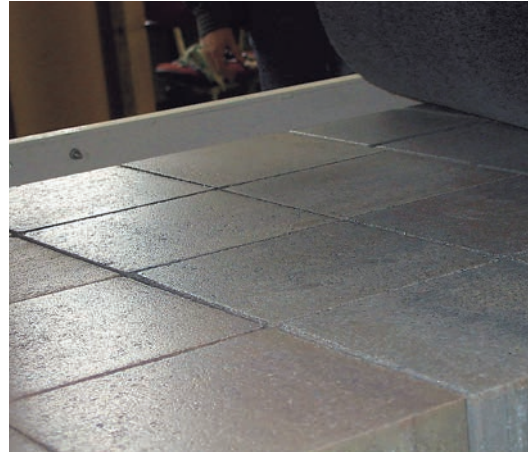
HR Steckfix Brush

- Patented system for the production of various brushed surface structures on concrete and artificial stone
- Easy to grind and reliable brush tool
- In soft and hard execution
- Grain 36, 60, 120, 180



HR Steckfix Rilflex (grain 60–800)

- Flexible segments for a wide variety of grinding and value adding processes
- Product for production of surfaces with leather and matte optics and color deepening



BRUSHES

Curling the surfaces of pavers or slabs, will improve the look and feel of your products. For this purpose, we provide long-lasting brushes „Made in Germany“ in various degrees of hardness and grain sizes, so that you can vary the finishes of your products in conjunction with our curling machine. Our innovative system of composite brush segments allows you to replace individual worn segments depending on the production portfolio of your concrete products. The brush segments are easy to handle and can be exchanged quickly in conjunction with the machine shaft which is easy to remove for tooling.

Customer benefits

- Optimized setup times for tool exchange thanks to segmented brushes
- Easy handling without crane, forklift, exchange carriage or similar equipment
- High individuality due to extensive tool portfolio
- Long service life guaranteed by high-quality tools





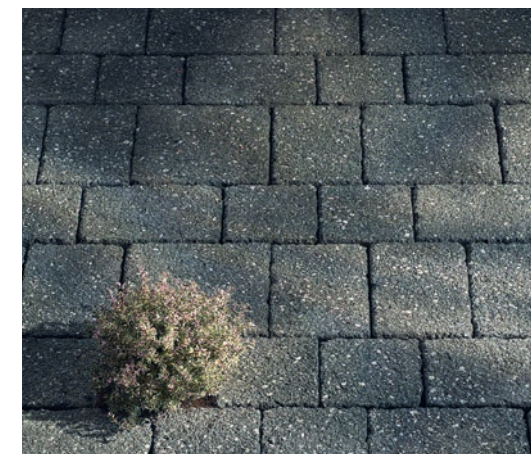
HAMMERS

With the different head shapes and the parameters that can be set on our machines, the hammers developed and produced by us to bushhammer and age your products enable a wide range of different surface and edge treatments.

Worn tools can be retreaded by us. So, you save money without any compromise to the manufacturer quality.

Customer benefits

- We make your products distinguishable; By using different tools, the production of a wide and visibly different product portfolio is possible
- Cost control; Retreading of the tools and quick tool exchange



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