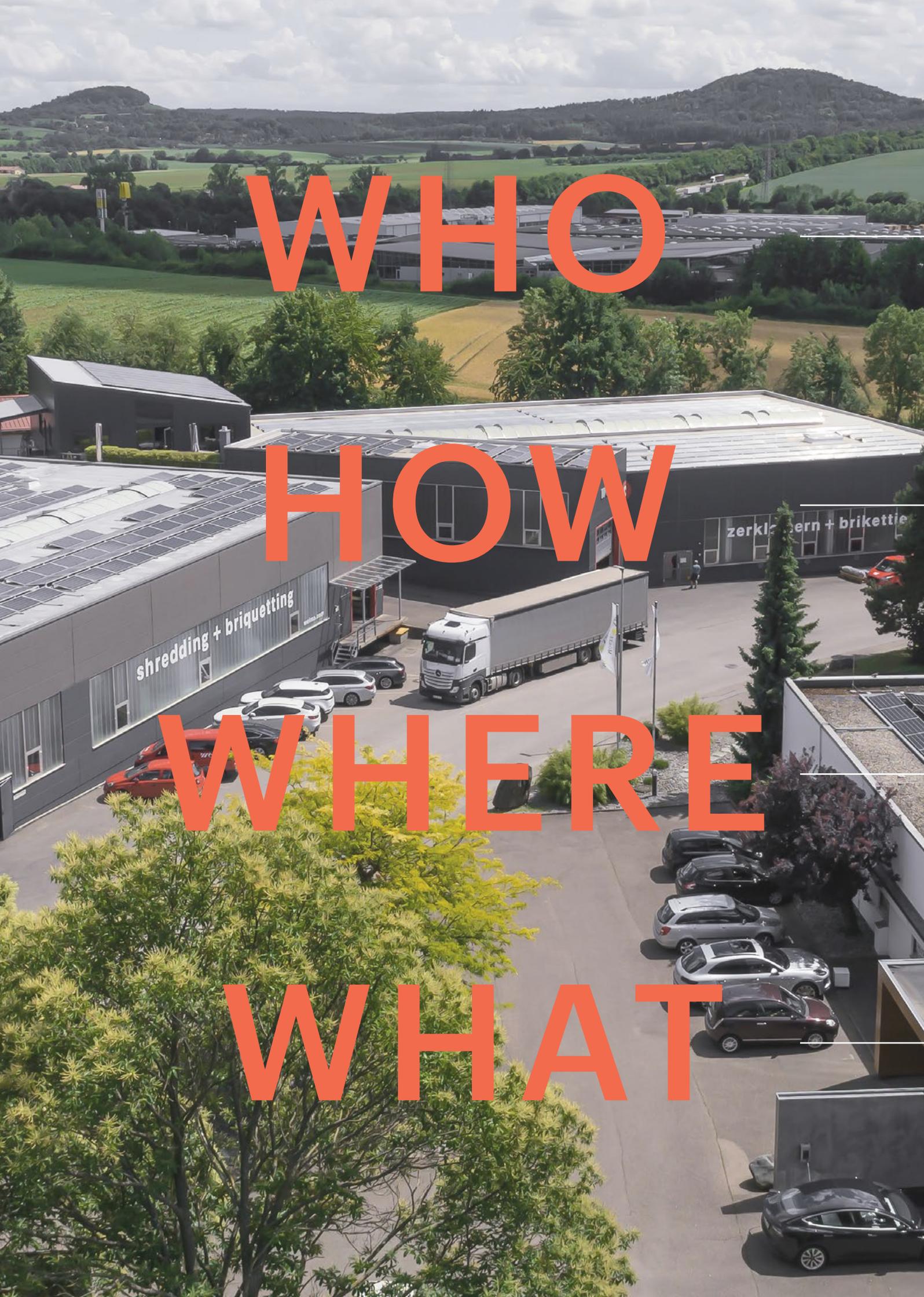


weima

SHREDDING + COMPRESSING



**WEIMA PUEHLER A SERIES
LABEL PRESSES**



WHO

HOW

WHERE

WHAT



The family business.

The young entrepreneur and visionary, Peter Rössler, recognized the potential of waste recycling early on and founded Weinsberg Maschinenfabrik – or WEIMA for short – in 1980. After the turn of the millennium, Martin Friz succeeded in bringing about the generation shift and has now been running the business since 2003.



Global leader.

WEIMA produces more than 1,200 shredders, briquetters and drainage presses per year on a production area of approx. 65,000 sqm with more than 300 employees worldwide. Since its foundation, about 40,000 machines have been delivered worldwide.



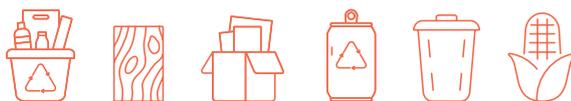
Built in Germany, made for the world.

Thanks to the early international orientation, WEIMA is represented in all important markets. Sales and service locations are located in Europe, the USA, China and India.

1. Ilsfeld | HQ (DE)
2. Annaburg | Production (DE)
3. Abstatt | Production (DE)
4. Fort Mill | Sales & Service (US)
5. Yantai | Sales & Service (CN)
6. Ahmedabad | Sales & Service (IN)

From trash to treasure.

With WEIMA machines there are (almost) no limits. For over 40 years, we have been shredding and compressing production waste from a variety of industries, including plastics, wood, paper, metal, packaging, waste and biomass.



TECHNICAL HIGHLIGHTS

DID YOU KNOW?

In all machines of the PUEHLER series, food grade hydraulic oil is used as standard. Depending on customer requirements, a specific hydraulic oil can be used.



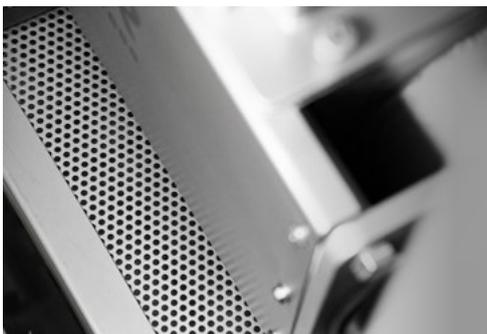
Robust technology

through simple hydraulic compaction

Machines of the PUEHLER A series have a particularly robust design. The design is comparatively simple and gets by with few electronics. In contrast to screw presses, only a few moving parts are installed. Thus, even with many years of use, wear is minimal.

Stainless steel machines for high durability

PUEHLER machines of the A series are made of stainless steel. This makes the presses particularly durable, low-maintenance and hygienic.



FULL FLEXIBILITY IN DISCHARGE

due to increased discharge height

PUEHLER label presses achieve an increased discharge height due to the inclined discharge pipe. This allows the pressed products to be discharged directly into a tipping trough without using a conveyor belt. Depending on the space requirements, different versions with discharge to the left or right can be configured. The system can thus be seamlessly integrated into your production line.



Dimensionally stable discs

due to angled discharge tube

The discs are formed by the press cylinder, which presses the material against the previously produced discs, which are still in the discharge pipe. The angled bend of the discharge pipe generates enough counterpressure to strongly compact and drain the material. In addition, the wedge position of the discharge pipe can be used to set subsequent recompaction.



Easy integration into production lines

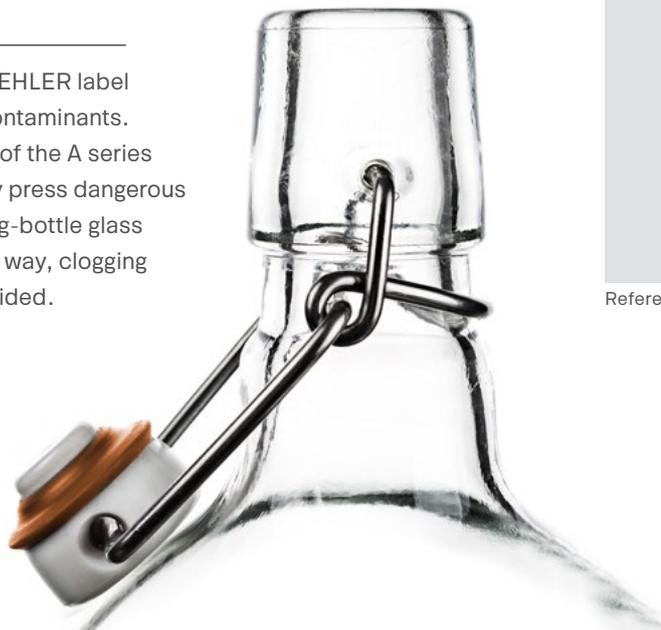
or as a stand-alone solution

For optimal integration into your production line, PUEHLER label presses can be installed either standing or hanging on the bottle washing machine. The networking of the PUEHLER press with the upstream bottle washing machine ensures the highest throughputs. For example, the cycle times can be switched synchronously. The label presses of the A series can also be used as a stand-alone solution without any problems.

Resistant to foreign materials

without clogging

Due to the robust machine design, PUEHLER label presses are particularly resistant to contaminants. In contrast to screw presses, presses of the A series cannot block mechanically and simply press dangerous foreign materials such as bails of swing-bottle glass bottles into the pressed product. This way, clogging or jamming of the machine can be avoided.



References

TECHNICAL HIGHLIGHTS



Simple program adjustments through PLC control

The built-in PLC control is optimally adapted to the drainage process. Many settings, such as the press force and cycle time, are preset but can be easily adapted to the desired application. If required, the machine can be used in manual or automatic mode. We use only high-quality brand components – for example from Siemens, Allen Bradley or Rittal.

Compact footprint for flexible installation

The PUEHLER A series offers various flexible positioning options and can be optimally adapted to your spatial conditions. Due to brakable rollers, standing machines are freely movable and can be easily repositioned for maintenance and cleaning, for example. On request, the hydraulic unit including control panel can be installed up to 7.5 m away from the label press.



24 hours operation due to consistent operating temperatures

The PUEHLER A series is equipped with an aluminum hydraulic tank as standard. This keeps the hydraulic oil at a constant temperature – without the use of active cooling. This also ensures multi-shift operation around the clock.



TARGETED COLLECTION AND DISCHARGE OF LYE

with lye collection tray

The caustic pressed out during the pressing process is collected in the lye collection tray. From there, the liquid can be discharged in a targeted manner – into the drain or to the caustic recirculation system. The connection option can be defined individually according to customer requirements.



TECHNICAL DATA AND MACHINE CONFIGURATION



Technical data PUEHLER A series

	A.200	A.250	A.300
Disc diameter [mm]	200	250	300
Throughput rate [btl./h] ¹⁾	up to 40,000	up to 60,000	from 60,000
Performance	3kW 400 V 50 Hz	4kW 400 V 50 Hz	4kW 400 V 50 Hz
Residual moisture	30%	30%	30%
Space requirement (L x W x H) [approx. mm] ²⁾	3,000 x 600 x 1,400	3,350 x 700 x 1,450	3,500 x 700 x 1,600

1) depending on material

2) detailed dimensions upon request

Machine configuration PUEHLER A series

● Standard ○ Optional — Not available

	A.200	A.250	A.300
MATERIAL FEED			
Hopper 220 l	○	○	○
MATERIAL DISCHARGE			
Lye collecting tray (50 l)	●	●	●
Lye recirculation with pump	○	○	○
Quick couplings	○	○	○
HYDRAULICS			
Hydraulic press stamp	●	●	●
Aluminum hydraulic tank (30 l)	●	●	●
ELECTRICAL			
Control cabinet with Siemens PLC control	●	●	●
Electrical connection for accessories	○	○	○

Other variations, special equipment and technical modifications are available upon request.



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Subject to technical changes | 01082021