



● WEIMA PUEHLER E SERIES  
DRAINAGE PRESSES



# TECHNICAL HIGHLIGHTS



## Easy installation and commissioning thanks to Plug-and-Play solution

To make the start as comfortable as possible, all presses of the PUEHLER E series are delivered pre-programmed and ready for operation as a plug-and-play solution. For the installation, only a power and water connection is required. On request, we also offer the setup and commissioning of the machine (including training) via digital channels.

### DID YOU KNOW?

By default, only food grade hydraulic oil is used in PUEHLER machines. If required, a customer-specific hydraulic oil can also be used.



## Flexible set up thanks to lockable rollers

For highly flexible use in your plant, the compact presses of the PUEHLER E series can be moved on lockable rollers to the respective place of use and can be used there directly. Temporary use outdoors is also possible, as the machine has been designed according to IP 65 standard.



## Simple operation and fast parameter adjustment via Siemens PLC control

Parameters (e.g. pressing time, pressing force) can be quickly adjusted via the color display of the built-in PLC control. The re-pressing function can also be set in a user-friendly way via the PLC control. This programmable holding time is particularly necessary for pressing absorbent materials. This is the only way to produce permanently dimensionally stable discs.





## INCREASED DISCHARGE HEIGHT OF DISCS

for flexible discharge into containers

The inclined discharge pipe allows the formed discs to be discharged at an elevated level - directly into a large bin or tipping trough. This saves the use of a conveyor belt. Depending on requirements, the discharge pipe can be configured straight, to the left or to the right.

Automatic operation without worries  
thanks to sensors in the feed hopper

Thanks to level sensors in the feed hopper, the press can be used automatically. The machine switches on automatically when a certain filling level is reached in the hopper. To prevent wear on machine components, the machine automatically switches to standby as soon as the filling level falls below a certain level.

Ready for multi-shift operation  
due to oil cooling with heat exchanger

To compensate for temperature differences in the hydraulic oil, PUEHLER machines of the E series have an oil cooling system with water using the heat exchanger method. This ensures long operating times without downtime. The heat exchanger is installed in the hydraulic housing and thus is protected against contamination.



# TECHNICAL HIGHLIGHTS



Good accessibility for cleaning and maintenance due to flexible installation and maintenance hatch

Thanks to brakable rollers, the E series machines can be used flexibly during operation. This ensures optimum access to the machine also during cleaning and maintenance. A maintenance and cleaning hatch on the hopper facilitates access to the inside of the machine.



## ROBUST HYDRAULIC CONSTRUCTION

against foreign materials

The most important components of the hydraulic unit have been designed particularly generously to always have a buffer to fall back on, even under full load. Among other things, this results in lower heat generation and makes the machine significantly less susceptible to foreign matter.

### DID YOU KNOW?

We believe in longevity. All PUEHLER machines are made of high-quality stainless steel. This makes them not only particularly robust, but also low-maintenance and hygienic.

### Collection and targeted discharge of liquids via the drain pan

The drain pan, which is located under the press, collects the drained liquids. Depending on the installation of the machine, these run off from there directly into a drain or can be drained off with the aid of a hose via the milk pipe fitting.

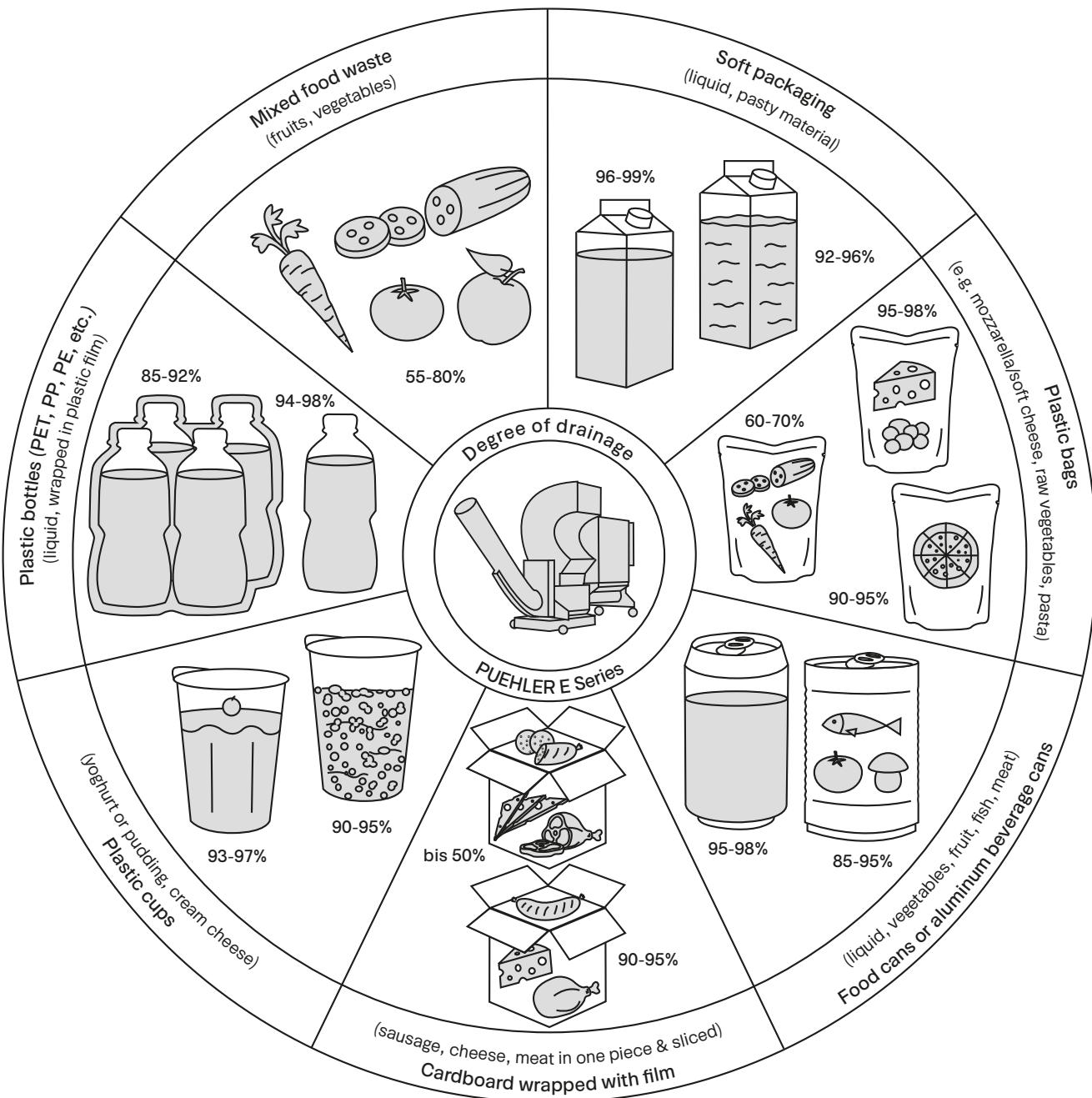




## Maximum safety during loading due to curved hopper design

The curved hopper prevents cans or other materials from escaping from the machine during the pressing process due to the enormous pressing force.

In addition, the curved shape facilitates cleaning and prevents uncontrolled spraying of pressed-out liquid from the filling opening.





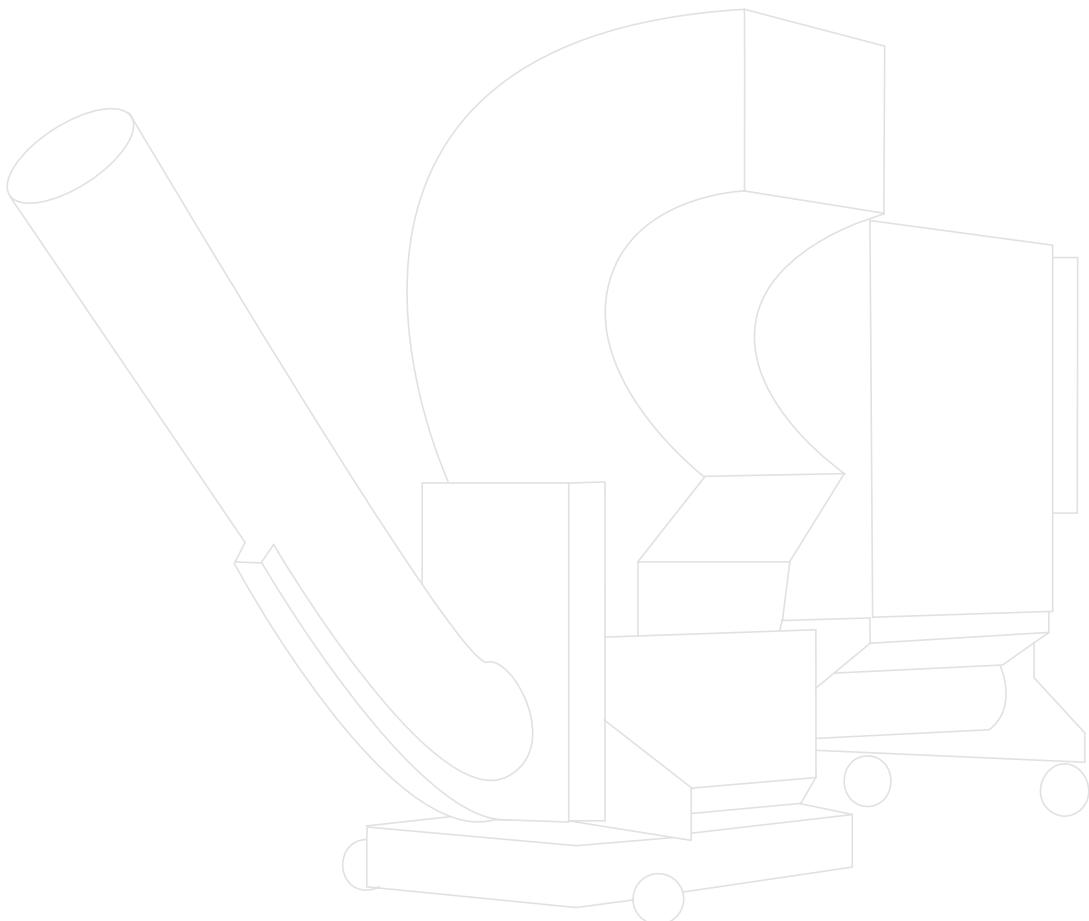
# TECHNICAL DATA AND MACHINE CONFIGURATION

## Technical data PUEHLER E series

	E.200	E.300
<b>Disc diameter [mm]</b>	200	300
<b>Throughput rate [<math>\text{m}^3/\text{h}</math>]<sup>1)</sup></b>	up to 2.5	up to 4
<b>Performance</b>	4kW   400 V   50 Hz	5,5kW   400 V   50 Hz
<b>Residual moisture</b>	3 - 30%	3 - 30%
<b>Space requirement (L × W × H) [approx. mm]<sup>2)</sup></b>	3,000 × 820 × 1,650	3,500 × 850 × 1,750

1) depending on material

2) detailed dimensions upon request

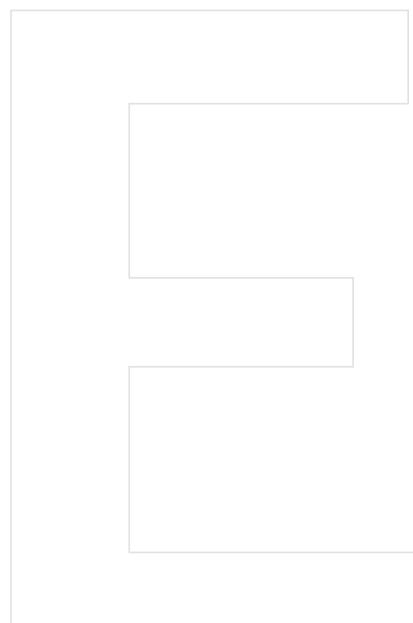


## Machine configuration PUEHLER E series

● Standard ○ Optional — Not available

	E.200	E.300
<b>MATERIAL FEED</b>		
Hopper 220 l	●	●
<b>MATERIAL DISCHARGE</b>		
Drain pan (35 l)	●	●
Drain pan (120 l)	○	○
Stainless steel centrifugal pump (at drain pan)	○	○
Stainless steel pump including level probe	○	○
Screw pump (at drain pan)	○	○
Level sensors	○	○
Quick couplings	○	○
<b>HYDRAULICS</b>		
Hydraulic press stamp	●	●
Cutting plate on press stamp	○	○
Aluminum hydraulic tank (40 l)	●	●
<b>ELECTRICAL</b>		
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