Boulder A.G.

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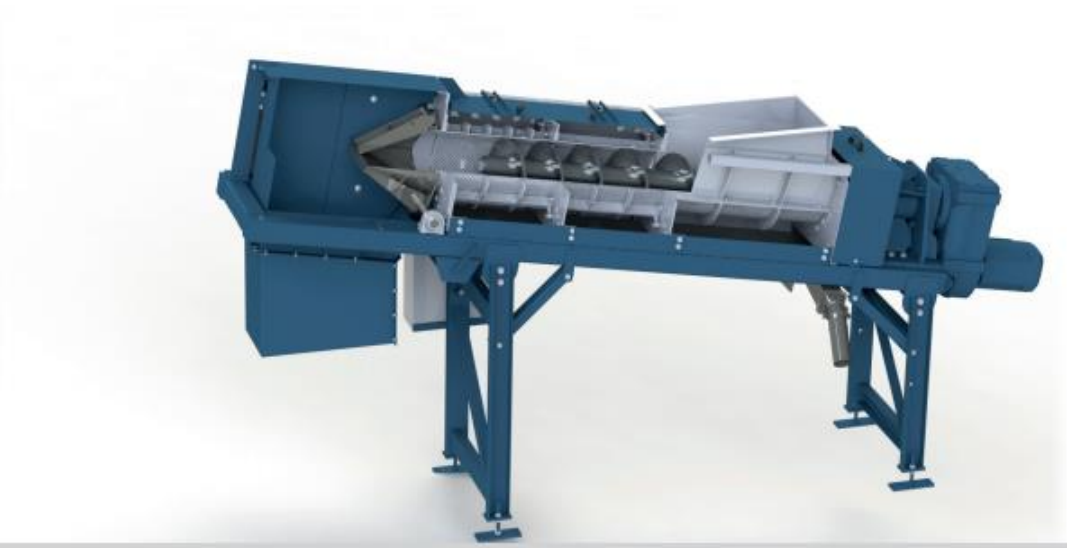
AUTHORIZED SALES REP - IMPORTERS/EXPORTERS

TIETJEN
DAS ORIGINAL

PRESSING SCREW PRS 300

FOR THE ADDITIONAL DEWATERING OF SEPARATED FOREIGN MATTER FROM BIOWASTE.

Separated foreign materials such as plastic packaging from biowaste are usually still contaminated with sticky liquids. For cost-efficient thermal disposal, the foreign matter should be as free of liquids as possible after separation.
The pressing screw has been specially developed for the removal of residual liquid from already separated foreign matter from biowaste. It is made entirely of stainless steel (depending on the order), is extremely robust and easy to maintain. Therefore, it is ideally suited for demanding use under difficult conditions, such as in industrial biowaste processing. The innovative design ensures a high pressing pressure with the best dewatering performance. The pneumatic control of the press flap ensures automatic adjustment to different materials. The separated liquid is collected and can be added to the remaining organic matter for energy recovery. A regular cleaning can be carried out via flushing nozzles. The pressing screw has an installed capacity of 7.5 kW and is used by waste disposal companies.



TECHNICAL DETAILS

- large inlet for the intake of separated foreign matter from biowaste
- extremely robust stainless steel screw, screens and housing for maximum reliability
- simple cover and segmented screens for easy maintenance
- automatic flap control for pressure adjustment with different foreign materials
- all parts made of stainless steel (1.4301) if required for a long service life and hygienic requirements

Machine type	PRS 300
Drive power	7.5 kW
Dimensions and weights	
Length (approx.)	4.800 mm
Width (approx.)	855 mm
Height (approx.)	1.000 mm
Weight	2.100 kg

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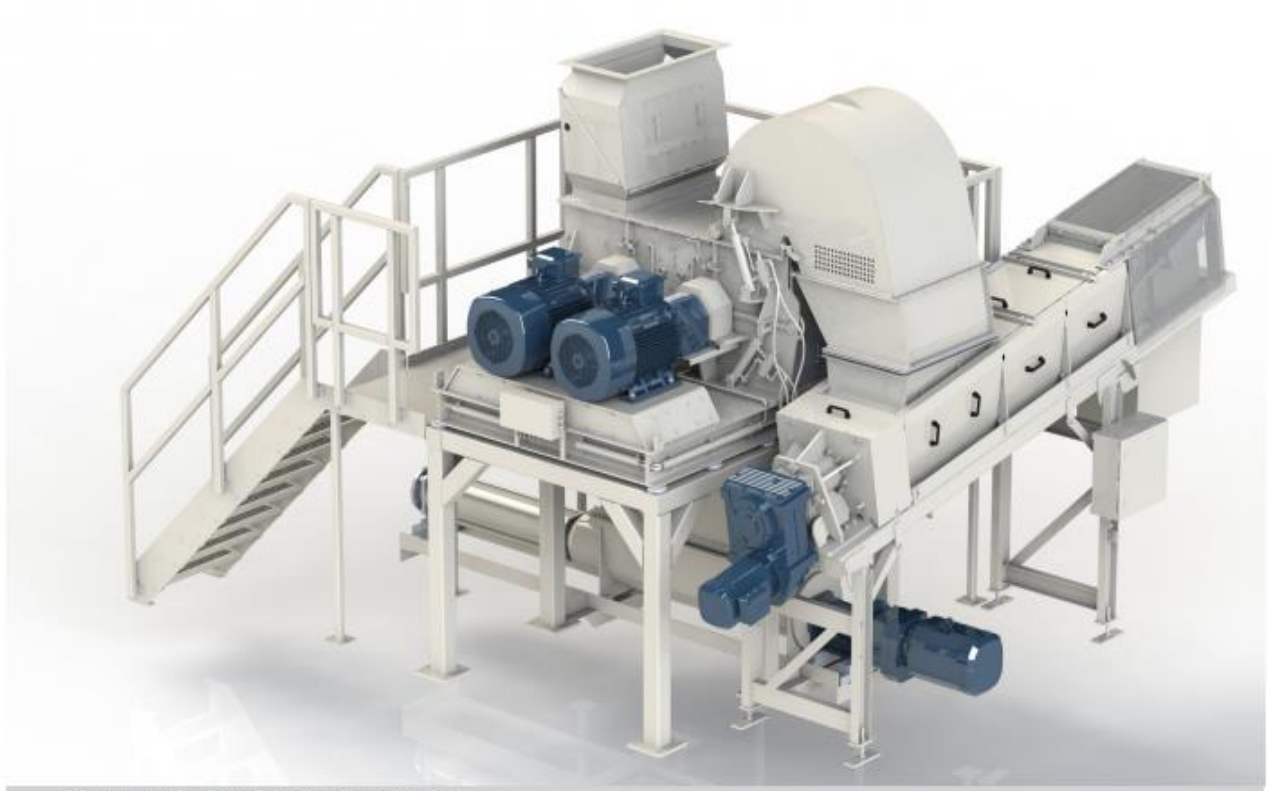

ADDITIONAL PROCESSING TECHNOLOGY

The pressing screw is usually part of the DRM system for efficient biowaste processing. According to your system requirements we combine and supplement the pressing screw with individually matched system components to create a complete processing system, if required, also fully automated.

- DRM separation mill for the separation of foreign matter from biowaste
- Receiving hopper with dosing screws
- the latest generation of bin and pallet tippers
- water-saving washing lines with low chemical input
- various storage silos (also possible on stilts)
- On-site plant construction in accordance with hygiene regulations
- Process control technology