

## Additional Dewatering of Foreign Matter from Organic Waste

# SCREW PRESS PRS

Separated foreign matter such as plastic packaging from organic waste often still contains liquids. The screw press PRS has been specially developed for dewatering such residual liquids after our depackaging machine DRM. It therefore saves costs in the thermal disposal of the foreign matter and increases the substrate quantity.



## Your Advantages

### Efficient Separation of Residual Liquids

- Reliable dewatering of a wide variety of foreign matter from organic waste
- The separated liquid is collected and added to the remaining organic matter for energy use
- Automatic control of the press flaps for pressure adjustment with different materials
- Flushing nozzles for easy cleaning through backwashing

### Reliable Operation and Long Durability

- Robust welded/screw construction made of stainless steel for continuous industrial operation (24/7)
- Design with product contact parts in stainless steel or completely in stainless
- Screw thread made of thick-walled stainless steel

### High Availability and Easy Maintenance

- Quick-opening covers and segmented screens for easy maintenance
- Large inlet and outlet for trouble-free operation
- Screw reversible in case of malfunction

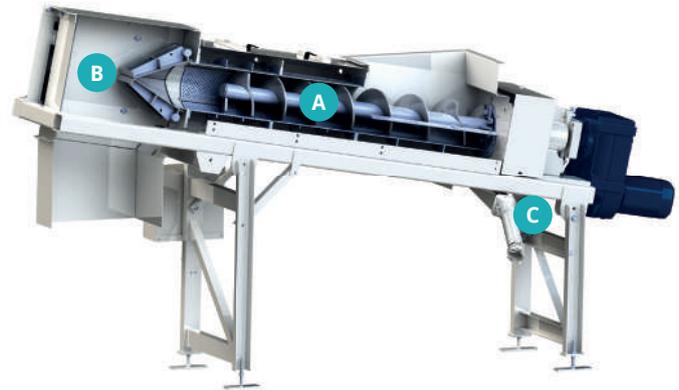
## Technical Details

Type	PRS 300
Diameter screw thread (mm)	300
Drive motor (kW)	7.5
Dimensions and Weight	
Length (approx. mm)	4800
Width (approx. mm)	855
Height (approx. mm)	1000
Weight (approx. kg)	2100

## Standard Supply and Options

### Standard Scope of Supply:

- Mild steel parts galvanised
- Stainless steel parts pickled and passivated
- Support frame normal steel galvanised, height adjustable
- Screw thread made of stainless steel 1.4301
- Pneumatically operated press flaps
- Drain pan with nozzle for liquids
- 7.5 kW geared motor
- 1 set of screens, ready mounted
- Transition piece to depackaging machine



### Option:

- Completely made of stainless steel 1.4301



**A** Screw thread with screen mantle



**B** Pressing zone with flap system



**C** Drain nozzle for residual liquid

## Screw Press PRS and Depackaging Machine DRM as System Solution

