

HERBOLD



Mechanical Dryer/ Centrifugal Washer

This unit can be used as a dryer or as an intensive washer. The mechanical dryers operate as a centrifuge for film, regrind and mixed plastics. The wet fractions and the fines are mechanically dried in this centrifuged dryer and at the same time the contaminations are removed by the high impact energy and then evacuated.

As an intensive washer, this unit uses a high volume of water to remove contaminants such as paper labels (pulp) from the fraction. For the washing of the flakes, the unit comprises a housing in which a special high-speed agitator rotates, a polygon-shaped screen basket made from stainless steel, double outboard bearings, mechanical cleaning device for the screen surface pneumatically operated with additional rinsing device.

Models T 508 - T 2015 S (Rotor and housing are in mild steel, housing inside is especially protected by 2K paint). Rotor wings at the ends are fitted with bolted wear plates.

For feedstock that has contaminants or a high percentage of paper, an automatic mechanical cleaning scraper is used on the exterior surface of the screen drum.

Fig. 1: T 2015 S



Fig. 2: T 1015

Special features:

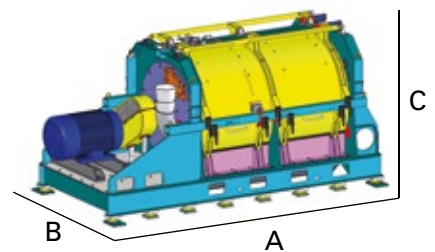
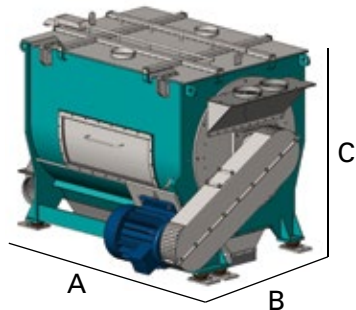
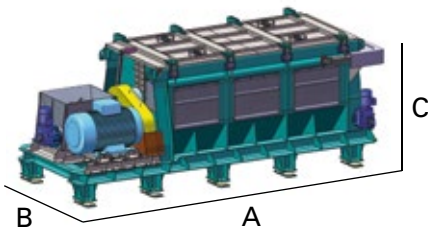
- Dryer or washer
- Rotor wings fitted with replaceable wear plates
- Exchangeable rotor wing wear plates, different lengths are available to obtain the best drying result for different materials
- Oscillating pneumatic screen scraper over the upper part of the screen
- Additional fresh water nozzles
- Electro-pneumatic drive.
- Combination of mechanical dryer and screw press for film applications
- Combination of mechanical dryer and screw press recommended for dirt fiber removal with lower humidity content

Fig. 3: T 2016





Technical Data:					
Model	T 508	T 1015	T 2015	T 2016	T 2015 S
Diameter screen drum	500 mm	900 mm	1200 mm	1200 mm	1200 mm
Working length	1200 mm	1450 mm	2300 mm	2300 mm	3600 mm
Drive	15 - 30 kW	30 - 90 kW	55 - 132 kW	55 - 132 kW	160 kW
Dimensions:					
Length (A)	2300 mm	2600 mm	3600 mm	4400 mm	6350 mm
Width (B)	1500 mm	2400 mm	2600 mm	2000 mm	2350 mm
Height (C)	1500 mm	2200 mm	2300 mm	2200 mm	2200 mm
Height with opened cover	2400 mm	3700 mm	4100 mm	3000 mm	4200 mm
Screen hole size (standard)	2,5 mm	2,5 mm	2,5 mm	2,5 mm	2,5 mm
Throughput up to (t/h)					
Rigid plastics	1,0	2,0	3,0	3,0	4,0
Film	-	0,8	1,5	1,5	2,5



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