

# HERBOLD

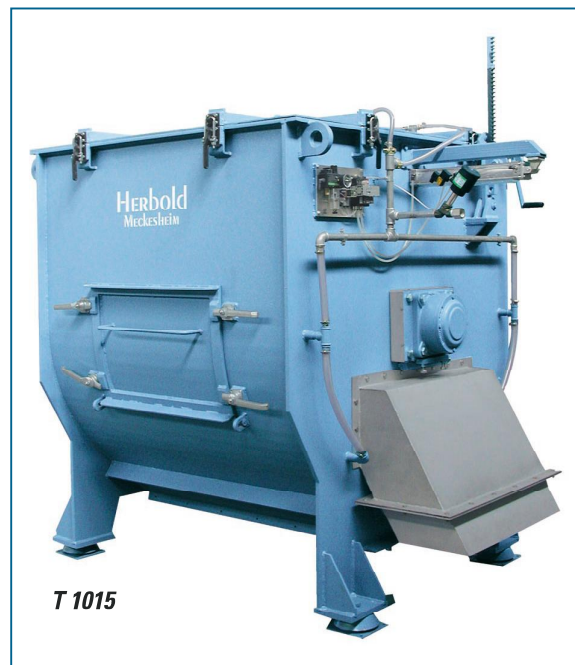


## Mechanical Dryer/ Centrifugal Washer

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 will be evacuated.

As an intensive washer, this unit uses a high volume of water to remove contaminates such as paper labels (pulp) from the fraction. For the washing of the flakes, there 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 (Rotor and housing is in mild steel, housing inside is special protected by 2K paint). Rotor wings at the ends are fitted with bolted wear plates.

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



T 1015

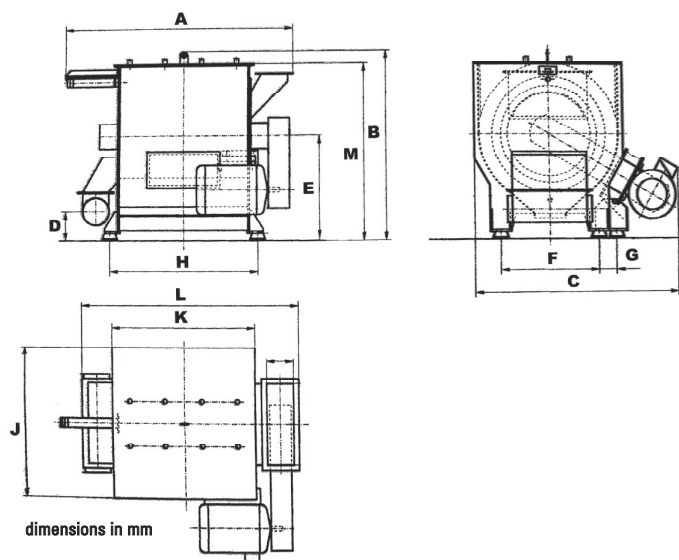
Technical data:					
Model	T 305	T 406	T 508	T 1015	T 2015
Size (mm)	350 dia. X 400 lg.	400 x 600	500 x 1350	1000 x 1500	1200 x 2300
Drive (kW)	4	7.5	15, 22,30	55-90	90 – 132
<b>Base machine screen hole</b>					
Size (mm)	2.5	2.5	2.5	2.5	2.5
<b>Through up to (t/h)</b>					
PET	0.7-1	1.5	1.5	2.5	3.5
LDPE	–	–	0.2	0.7	1.5
HDPE	0.7-1	1.5	1.5	2.5	4

### Special features:

- Dryer or washer
- Rotor wings fitted with replaceable wear plates

Special screen sizes: 2, 3 & 6 mm  
 Exchangeable rotor wing wear plates, different lengths are available to provide more stress on the fractions, requires more power consumption.  
 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 for lower humidity content.



**Units in MM**

Model	A	B	C	D	E	F	G	H	J	K	L	M
T 508	2368	1488	1550	235	860	880	-	1340	1000	1350	2043	1380
T 1015	2605	2140	2550	350	1100	1120	280	1670	1700	1600	2460	1987
T 2015	3585	2310	2560	350	1265	1340	280	2550	1880	2490	3600	2160

**Units in Inches**

Model	A	B	C	D	E	F	G	H	J	K	L	M
T 508	93.2	58.6	61.0	9.3	33.9	34.6	-	52.8	39.4	53.1	80.4	54.3
T 1015	102.6	84.3	100.4	13.8	43.3	44.1	11.0	65.7	66.9	63.0	96.9	78.2
T 2015	141.1	90.9	100.8	13.8	49.8	52.8	11.0	100.4	74.0	98.0		85.0



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