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.

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
## Technical Data:

<table>
<thead>
<tr>
<th>Model</th>
<th>T 508</th>
<th>T 1015</th>
<th>T 2015</th>
<th>T 2016</th>
<th>T 2015 S</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter screen drum</td>
<td>500 mm</td>
<td>900 mm</td>
<td>1200 mm</td>
<td>1200 mm</td>
<td>1200 mm</td>
</tr>
<tr>
<td>Working length</td>
<td>1200 mm</td>
<td>1450 mm</td>
<td>2300 mm</td>
<td>2300 mm</td>
<td>3600 mm</td>
</tr>
<tr>
<td>Drive</td>
<td>15 - 30 kW</td>
<td>30 - 90 kW</td>
<td>55 - 132 kW</td>
<td>55 - 132 kW</td>
<td>160 kW</td>
</tr>
</tbody>
</table>

### 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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Specifications are not binding and subject to change without notice. 09/2013