



Drum Pulping

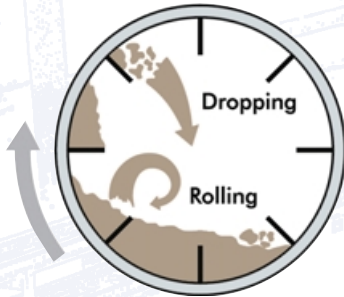
FibreFlow® Drum

FibreFlow® Drum

Lowest power consumption, best stock quality

High production capacity (from 50 to 2000 t/d) and low power consumption in a single unit make the **FibreFlow® Drum** Pulper the preferred choice for continuous drum pulping. With over 125 successful deliveries – from city waste to liquid packaging to deinked pulp for LWC grades – the FibreFlow® Drum sets the standard against which other equipment is

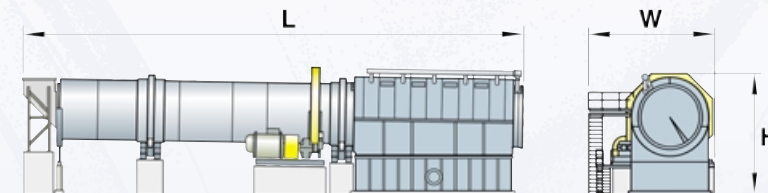
measured. Fiber losses are at an absolute minimum, as are operating costs (power consumption). All components of the FibreFlow® Drum which contact the stock are constructed of stainless steel. The Drum is simple and reliable. Compared with any other recycled fiber pulper, the FibreFlow® Drum has the lowest maintenance requirements.



- **Best technical solution for continuous pulping and trash removal in a single unit.....the Drum is often justified on the mill's ability to move to lower cost furnishes.**
- **Produces the cleanest stock quality - fewest contaminants - while reducing downstream cleaning requirements. Improved ink detachment and brightness gains vs. competitive pulping technologies have been recognized.**
- **High yield pulper that is gentle on fiber - minimal fiber losses.**
- **Minimal moving parts and simple drive / support design = reduced maintenance costs.**
- **Extremely low power consumption – low operating costs.**

The FibreFlow® Drum de-fiberizes wastepaper furnishes using dropping and rolling actions that gently separate fiber from contaminants. There is nothing inside the drum to knead or cut the fiber, so valuable fiber strength properties are retained. This is also important to avoid disintegration of the contaminants. Consisting of two zones (slushing and screening) the Drum separates debris from the fibers with minimal fiber loss. Debris is rejected continuously and automatically. Controllable rotational speed ensures the most efficient pulping for any furnish. The Drum is installed in a fixed, slightly inclined angle to carry the stock through the pulper.

Installation of the FibreFlow® Drum is quite easy. The Drum is compact and modular. Only a single unit is needed for slushing and trash removal. Expensive separate units for detraging, motors and drives, piping and pumps, extended control system, and maintenance requirements are not required. The Drum is supported on long-life maintenance-free steel support rolls. The design and application of the Andritz FibreFlow® Drum pulper is based on 25 years of experience gained from worldwide installations and a continuous product improvement process.



DIMENSIONS	FF225	FF250	FF275	FF300	FF325	FF350	FF375	FF400	FF425
Diameter (m)	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25
Length, L (m)	13,4	15,4	18,6	20,5	25,2	27,2	31,1	32,6	35,1
Width, W (m)	4	5,4	5,7	5,7	6,4	6,8	7,3	7,7	8,3
Height, H (m)	5,0	5,5	5,9	6,3	6,8	7,0	7,4	8,0	9,0

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