

Friction Washer

FW Series



Application:

The Friction washer is made of cylindrical trough with an inclined high speed running paddle screw to de-water and clean ground material like film flakes, granules, and the similar type material. The screw is fixed in the bearing housing by the means of two bearing and enclosed by stainless steel screen. The ground material and water are fed from above at the lower end of the trough. Then the material is washed while being transported to the outlet at the top of the trough. Fines and water are thrown through the fine screen to the outside while the friction of the high speed screw cleans the material. The drain is located at the lower end of the trough. The screen is automatically cleaned by means of a water rinsing unit.

Technical Specification

Model	FW-3000	FW-2000
Screw Length	3000mm	2000mm
Screw Diameter	500mm	350mm
Screw Speed (Paddle)	1000rpm	1000rpm
Screen Hole	2.5mm	2.5mm
Drive Motor	15-30 HP	10-15 HP
Water consumption	100 m ³ /hr	70 m ³ /hr
Throughput (kg/hr)	PET 3 Ton/Hr LDPE 1.5Ton/Hr. HDPE 2.5Ton/Hr.	PET 1 Ton/Hr LDPE 0.5Ton/Hr. HDPE 0.7Ton/Hr.

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