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# Plastic Film Washing System

Our system solutions cover a wide range of recycling applications.  
Genox USA specializes in providing customized designs for your specific recycling projects.



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# Plastic Film Washing System

## Features

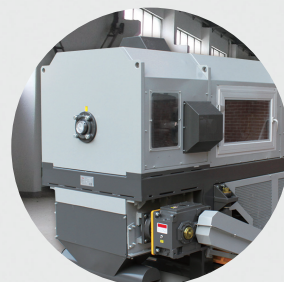
The PE/PP Film system is designed for washing plastic films with contamination levels exceeding 80% Minimizing the recycling water flow rate and evaporation losses. Rugged designs have been incorporated for high wear applications.

- 1 Pre-shredding and pre-washing system removes a large percentage of abrasive materials (sand, grit etc.) to protect the rest of the system.
- 2 Under water force-washing paddles in our washing tanks maximizes the washing efficiency.
- 3 High speed washing system with corresponding speed according to the material type, liberates and separates contamination from film flakes.

- 4 Mechanical drying (centrifugal and squeezing) systems control the moisture content of the finished product at <5% moisture. Making the material suitable for high quality pelletizing.
- 5 Intelligent system automation ensures that components actions are sequenced and monitored.

## Applications

- Agricultural films
- Recovered films from MSW or MRF's
- Films recovered from Landfills
- Post-industrial or post-consumer films
- Super Sacks



Film Press



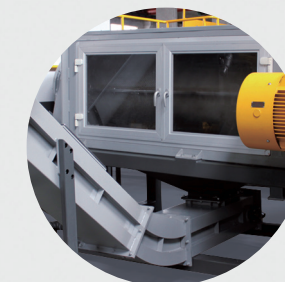
Float-sink Washing Tank



Centrifugal Dryer



Inclined Friction Washer



Pre-Washer



more info

Pre-Washer		
MODEL	GRD6025	GRD8025
Dimension (L*W*H) (mm)	3020 × 4060 × 2400	3600 × 4160 × 2400
Rotation Speed (RPM)	760	760
Rotation Diameter (mm)	555	755
Motor Power (kw)	45	55
Weight (kg)	4330	5600

Inclined Friction Washer	
MODEL	GFW5030
Dimension (L*W*H) (mm)	2985×1065×3700
Speed (RPM)	980
Rotation Diameter (mm)	500
Motor Power (kw)	18.5
Weight (kg)	1450

Centrifugal Dryer		
MODEL	GSW650R	GSW800R
Dimension (L*W*H) (mm)	3420 × 1415 × 1825	3860 × 1535 × 2045
Rotation Speed (RPM)	1450	1450
Rotation Diameter (mm)	650	800
Motor Power (kw)	55	90
Weight (kg)	2600	4500

Float-Sink Washing Tank			
MODEL	GSF1260M	GSF1580M	GSF1880M
Dimension (L*W*H) (mm)	7790 × 5170 × 3640	8640 × 5170 × 3640	8640 × 5170 × 3640
Tank Width (mm)	1200	1500	1800
Number of Roller (pcs)	5	6	6
Motor Power (kw)	4.6	6.3	6.3
Weight (kg)	4060	4930	5750

Film Press	
MODEL	GXJ400
Dimension (L*W*H) (mm)	3430 × 1470 × 2055
Rotation Speed (RPM)	49
Rotation Diameter (mm)	360
Motor Power (kw)	55
Weight (kg)	5630