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# HDPE/PP Bottle and Rigid Plastic Washing System

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



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# HDPE/PP Bottle and Rigid Plastic Washing System

## Features

The HDPE/PP washing line is designed for rigid plastics with a wall thickness ranging from 1~25mm such as HDPE Bottles, PP containers etc.

- 1 The shredding system is designed for high wear, to maximize the consistent running of the system and minimize operational costs.
- 2 High speed washing system with corresponding speed according to the material type, liberates contamination from plastic flakes.
- 3 The under water force-washing paddle of the washing tank maximizes the washing efficiency.
- 4 Mechanical and thermal drying system minimizes the moisture of the end product.

- 5 Label separation can be achieved by advanced air separation.
- 6 Intelligent system automation ensures that components actions are sequenced and monitored.

## Applications

- Liquid drums & containers
- Milk bottles
- Trash Carts
- Pipes
- Totes



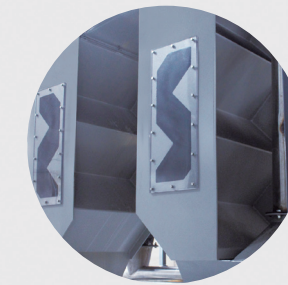
Inclined Friction Washer



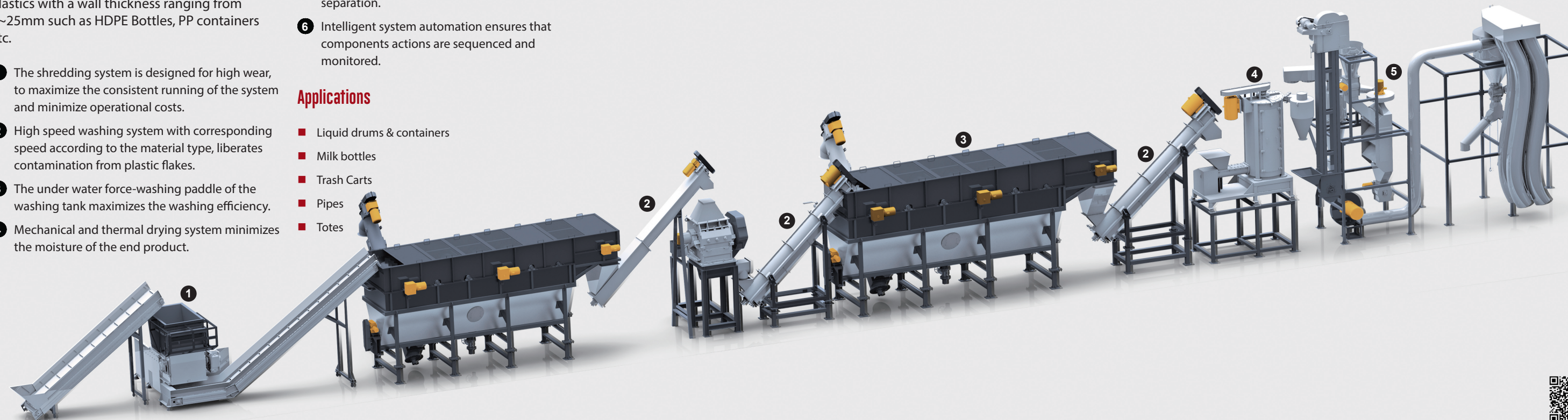
Float-sink Washing Tank



Vertical Dewatering Machine



Zig-zag Classifier



more info

## Inclined Friction Washer

MODEL	GFW4040	GFW4050
Dimension (L*W*H) (mm)	3725 × 945 × 3585	4490 × 945 × 4230
Rotation Speed (RPM)	760	760
Rotation Diameter (mm)	370	370
Motor Power (kw)	11	15
Weight (kg)	1800	2100

## Float-sink Washing Tank

MODEL	GSF1260D	GSF1580D	GSF1880D
Dimension (L*W*H) (mm)	7790 × 3740 × 3660	8640 × 4560 × 4260	8640 × 4885 × 4655
Tank Width (mm)	1200	1500	1800
Number of Roller (pcs)	5	6	6
Motor Power (kw)	7.3	8.45	8.45
Weight (kg)	4140	5230	6310

## Vertical Dewatering Machine

MODEL	GTK500	GTK650
Dimension (L*W*H) (mm)	2940 × 1200 × 2740	3350 × 1320 × 2930
Rotation Speed (RPM)	1044	1044
Rotation Diameter (mm)	500	650
Motor Power (kw)	18.5	22
Weight (kg)	1800	2150

## Zig-zag Classifier

MODEL	GZ800C-D
Dimension (L*W*H) (mm)	2430 × 1580 × 4580
Chamber Width (mm)	800
Chamber Amount (pcs)	2
Motor Power (kw)	14.75
Weight (kg)	980