



# YS Series

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## Pre-Shredder



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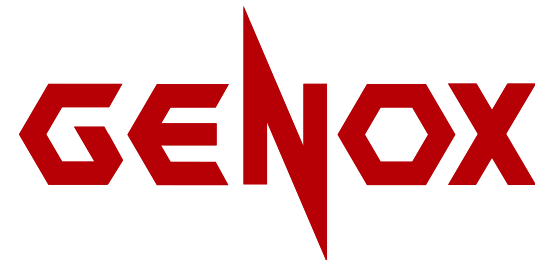


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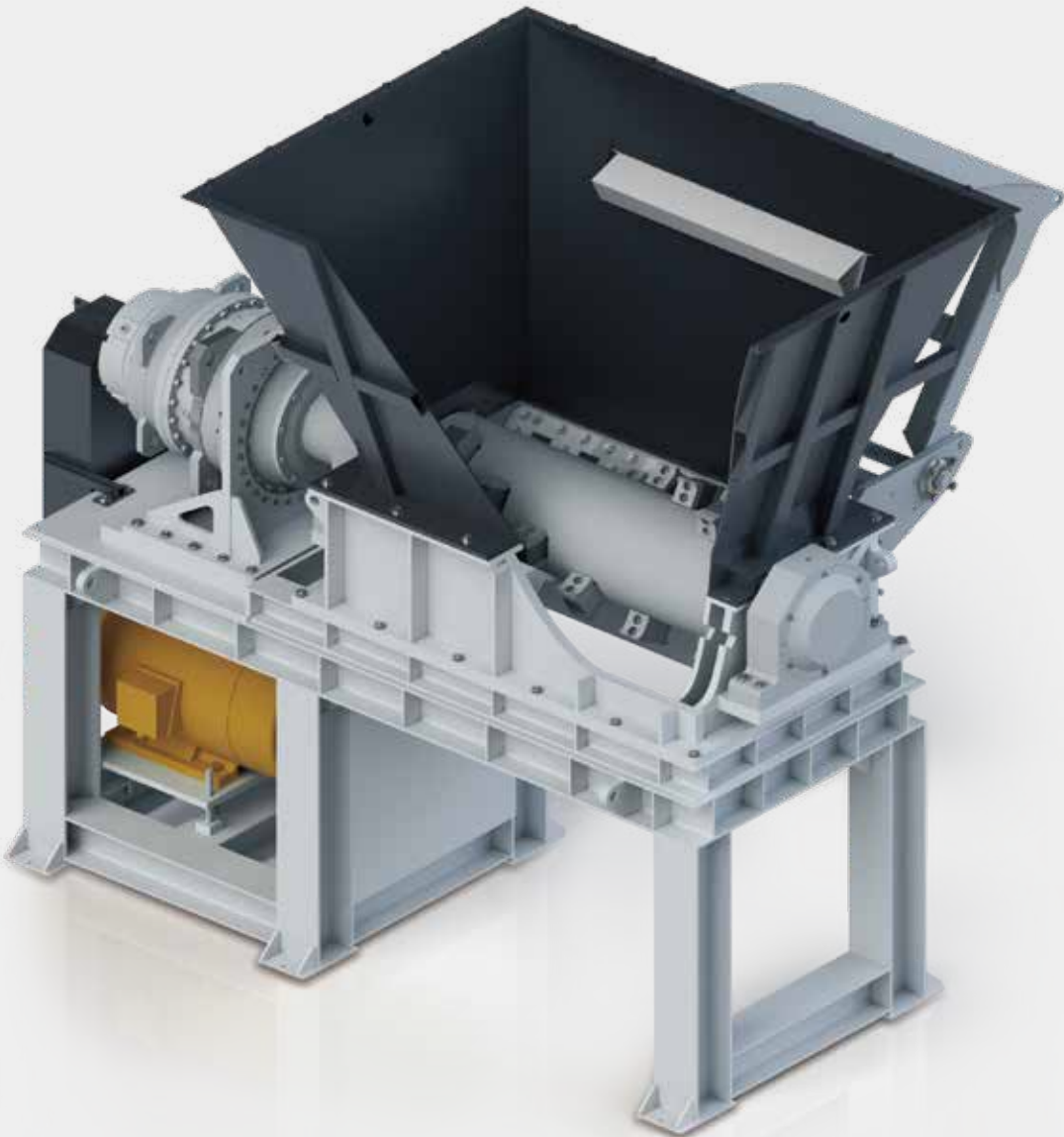
# Pre-Shredder

## YS Series

YS series pre-shredders are designed for processing high strength and tough materials with high levels of contamination. The machine pre-shreds compressed and baled material into fractions for further process. Film type materials are opened up to enable effective cleaning and washing.

YS shredders are normally positioned at the front of a film washing system, though the machines can operate as stand-alone units for in-house recycling as well.

| YS Series                   |                    |                    |                    |
|-----------------------------|--------------------|--------------------|--------------------|
| Model                       | YS1000             | YS1300             | YS1500             |
| Dimension (L x W x H) (mm)  | 1200 × 1330 × 1850 | 1380 × 1170 × 2200 | 1950 × 3550 × 3820 |
| Hopper Opening (L x H) (mm) | 1600 × 1500        | 1900 × 1500        | 2100 × 1500        |
| Rotation Diameter (mm)      | Φ600               | Φ600               | Φ600               |
| Operation Length (mm)       | 1000               | 1300               | 1500               |
| Rotation Speed (RPM)        | 8-16               | 8-16               | 8-16               |
| Number of Rotor Knives      | 20                 | 24                 | 28                 |
| Number of Counter Knives    | 12                 | 14                 | 16                 |
| Main Drive (kw)             | 55                 | 75                 | 90                 |
| Weight (kg)                 | Approx 3900        | Approx 4700        | Approx 5700        |



**Heavy Duty Gearbox**

- Equipped with planetary gearbox, low speed, high torque
- Providing high tearing and shredding force
- Simply maintained drive assembly, extremely robust in operation



**Hydraulic Force Feeder**

- Force feeding material to cutting chamber for material shredding
- Modular design hydraulic pack, providing unhindered access during maintenance and simplifying routine



**Drive & Control**

- Equipped with powerful electric drive motor
- Bi-directional motor running for automatic rotor forward and reserve rotation
- Optional for VFD control



**Rotor & Blade Design**

- Durable shredding blades manufactured from high quality steels, suitable for shredding tough materials.
- Wear resistant rotor with tungsten surface coating for abrasive applications

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