

YS1800

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YS Series

Pre- Shredder



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Pre-Shredder

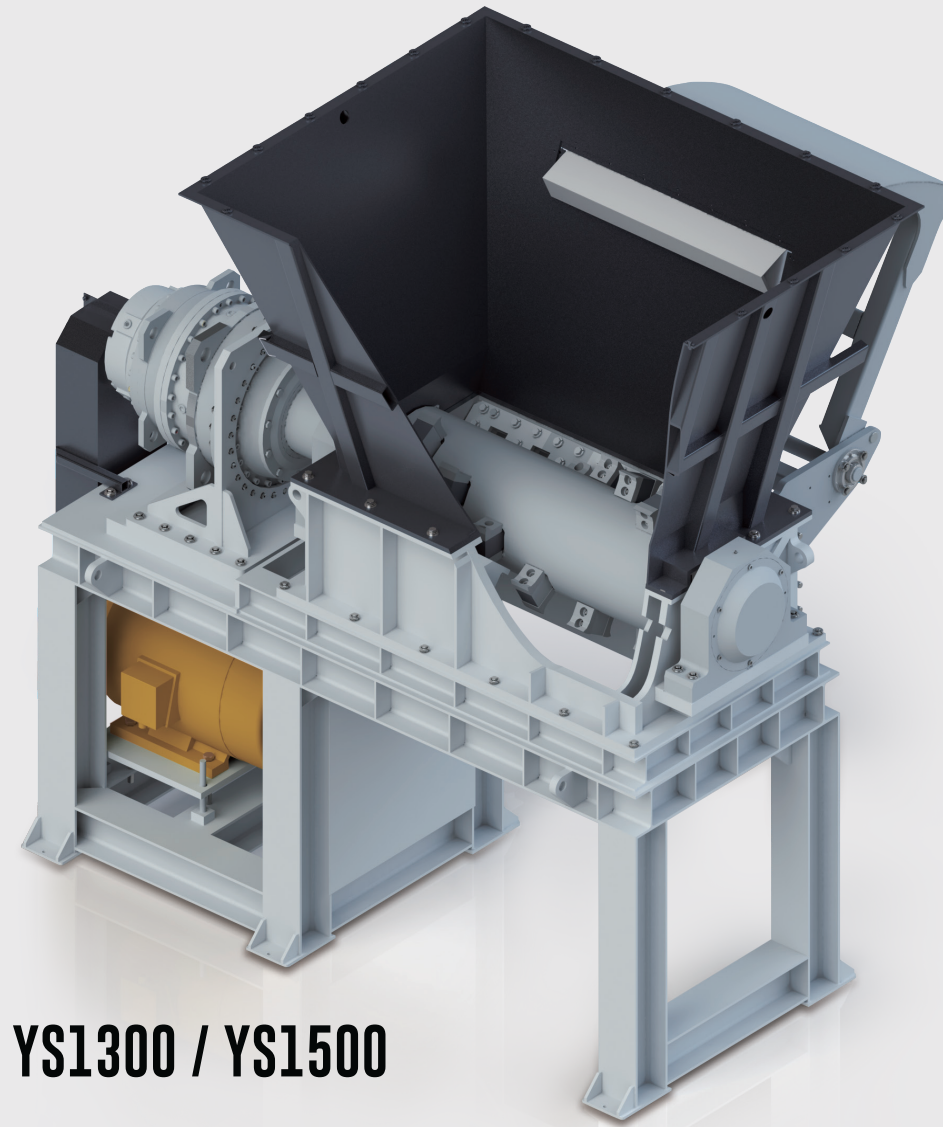
YS Series

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.

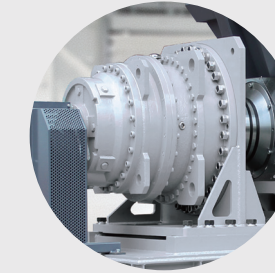
Film type materials are opened up to enable effective cleaning and washing.

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 | YS1800 |
| Dimension (L x W x H) (mm) | 1200 x 1330 x 1850 | 1380 x 1170 x 2200 | 1950 x 3550 x 3820 | 5040 x 3584 x 4404 |
| Hopper Opening (L x H) (mm) | 1600 x 1500 | 1900 x 1500 | 2100 x 1500 | 1810 x 1800 x 1704 |
| Rotation Diameter (mm) | Ø 600 | Ø 600 | Ø 600 | Ø 495 |
| Operation Length (mm) | 1000 | 1300 | 1500 | 2655 |
| Rotation Speed (RPM) | 8-16 | 8-16 | 8-16 | 16 |
| Number of Rotor Knives | 20 | 24 | 28 | 32 + 32 |
| Number of Counter Knives | 12 | 14 | 16 | 54 |
| Main Drive (kw) | 55 | 75 | 90 | 110 + 110 |
| Weight (kg) ~ Approx | 3900 | 4700 | 5700 | 21460 |

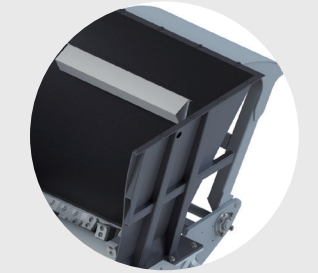


YS1000 / YS1300 / YS1500



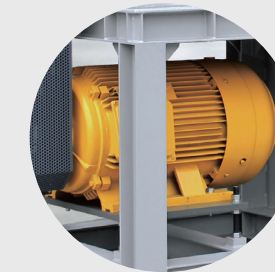
Heavy Duty Gearbox

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



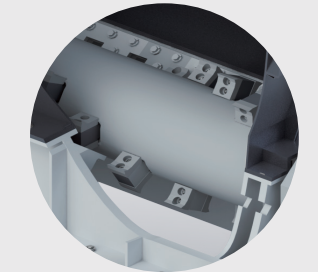
Hydraulic Ram

- Forces material into the cutting chamber for improved ingestion of bulky materials
- Modular design hydraulic pack, providing unhindered access during maintenance and simplifying routine
- PLC controlled for optimal shredding efficiency



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 carbide surface coating suitable for high wear applications



more info