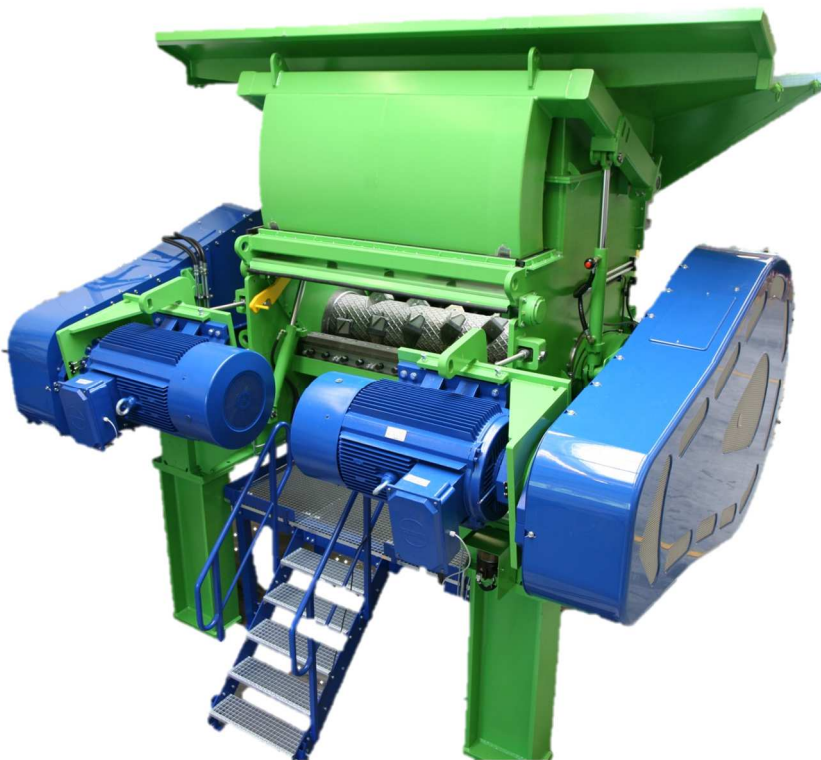


Pre - Shredder XL

Fine art fort the very coarse



Size reduction without compromise even for very difficult materials

The XL shredder from THM with enormous appetite for all kinds of scrap. The more and the coarser the better. The massive structure of the shredder is designed for the size reduction of the most difficult materials, without compromise. The forged rotor and the extreme robust knives keep cutting and breaking the input material until it passes through the screen. Because of the heavy fly wheels with clutches and the special motors the XL Shredder is performing at very low energy consumption.



Heavy and solid design for a high stability and a low-vibration operation. Low-speed rotor in combination with a hydraulic force-feeding-device ensures ideal shredding. Easy maintenance due to easily accessible cutting chamber, easily to adjust knives and change of rotor and stator knives.



Technical Specification

| Type | Drive Motor | Rotor \varnothing | Feed opening | Overall deminsion (L/W/H) | Weight |
|----------------|-------------|---------------------|----------------|---------------------------|--------------|
| XL 2200 | 2 x 110 kW | 765 mm | 1500 x 2300 mm | 5050 x 4600 x 5980 mm | approx. 40 t |
| XL 2900 | 2 x 110 kW | 765 mm | 1500 x 3000 mm | 5750 x 4600 x 5980 mm | approx. 49 t |

Description:

Single-rotor shredders with 2 – fold electric drive motor (controlled by frequency converter), Multiple V-belts and large flywheel, including integrated adjustable slip clutch. Easy to change wearing parts. Feed hopper with hydraulic force-feeding-device. Central lubrication. Machine control via electrical control cabinet, with on-site control panel. Cabinet and inverter are installed in a dust-free and air-conditioned container.

Areas of application:

The XL Shredder guaranties an even size reduction of large quantities of scrap such as:

- Domestic and industrial waste
- Mattresses
- Pressed bales of scrap
- Plastics, textile and plastic rolls
- Paper
- Truck tarpaulins
- Tires
- Paper and wood
- Carpets
- Etc.

All benefits at a glance:

- Different rotor length available for very high throughput capacities up to 50 t/hr
- Constant cutting quality through re-adjustable knives
- Energy efficient through to large fly wheels
- High stability and quiet running due to a high machine weight

Material fractions:

- Homogeneous palm sized parts

