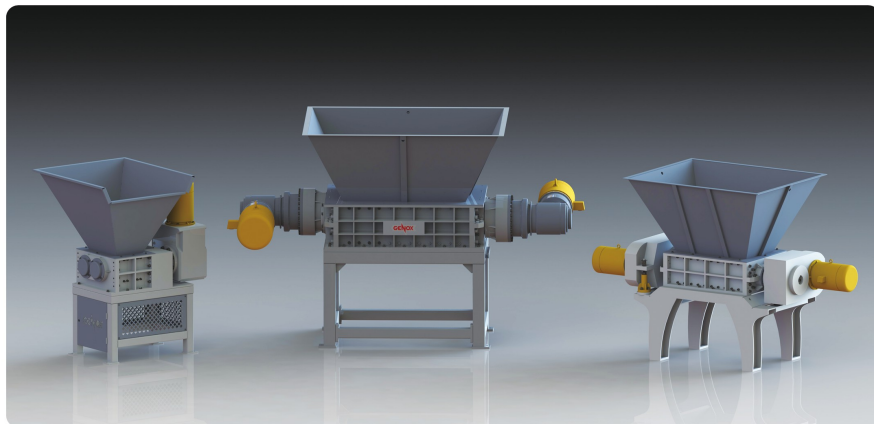


TECHNICAL DATA



MINO



Data \ Model	M300	M400	M600	M800
Dimensions L / W / H (mm)	1,500 x 1,300 x 1,850	1,600 x 1,300 x 1,850	2,500 x 1,300 x 1,850	2,700 x 1,300 x 1,850
Chamber Size (mm)	300 x 470	400 x 480	600 x 480	800 x 480
Discharge Height (mm)	600	600	650	650
Cutting Circle (mm)	Φ 280	Φ 280	Φ 280	Φ 280
Rotation Speed (rpm)	13	13	14	14
Number of Blades (pcs)	15	20	30	40
Blade Thickness (mm)	20	20	20	20
Drive Power (kW)	7.5	7.5	5.5 + 5.5	7.5 + 7.5
Hopper Volume (litres)	480	550	650	750
Approximate Weight (kg)	1,300	1,500	2,200	2,500

Data \ Model	M800T	M1000	M1200
Dimension L / W / H (mm)	3,000 x 1,850 x 2,200	3,300 x 1,900 x 2,200	3,600 x 2,000 x 2,200
Chamber Size (mm)	850 x 750	1,050 x 750	1,250 x 750
Discharge Height (mm)	850	850	850
Cutting Circle (mm)	Φ 430	Φ 430	Φ 430
Rotation Speed (rpm)	14.5	14.5	14.5
Number of Blades (pcs)	20	25	30
Blade Thickness (mm)	40	40	40
Drive Power (kW)	15 + 15	18.5 + 18.5	22 + 22
Hopper Volume (litres)	950	1,130	1,360
Approximate Weight (kg)	4,300	5,200	6,400

Please Note: Technical data provided is indicative only and may be subject to change without notice



M SERIES TWIN SHAFT SHREDDERS

APPLICATIONS



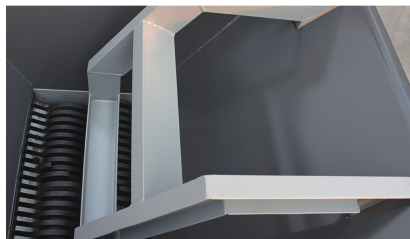
M Series Twin Shaft Shredders operate at low speed with high torque to minimize noise and power consumption, whilst achieving high throughput rates.

This range of machines are particularly well suited to the size reduction of bulky or voluminous materials which can include contamination such as metals or stones.

M Series Shredders are characterized by their compact, efficient, high torque, and low power consumption design.

Manufactured from heat treated 42CrMo high grade alloy, the blades present excellent wear and shock resistant properties.

With maintenance and operation taken into account during the design stage, the removal and refitting of the blades is straight forward task. The machines are equipped with mechanical and electrical overload protection systems, and can therefore be applied in the processing of challenging materials such as WEEE (televisions, computers etc.), white goods (washing machines & refrigerators), tyres, drums, pallets, pipes to name but a few.



Hydraulic Force Feeder

Mounted in the feed hopper, the hydraulic force feeder actively presses the material down towards the center of the shredding chamber. This reduces the risk of material riding over the blades, particularly when processing bulky items, and results in increased throughput and thus performance of the machine.



Rotary Screen

To effectively control the output product size, a circular screen mounted around the cutting chamber is the ideal solution. The rotary screen runs at low speed, the oversized fractions are recirculated back to the cutting chamber for further shredding, whilst the sized fraction falls through the screen to the next process.



Blade Configuration & Width

Blade profile and width can be specified to suit the type of materials being processed. The width of the output material fractions can be controlled by the thickness of blades. Careful selection of the blade configuration and width is recommended to ensure optimum shredder performance.



Blade Hook Design

Blade hook designs can be selected according to the nature of the materials being processed. The length of the output material fractions can be controlled by the number of hooks. Experienced selection of the blade hook profile and quantity is of prime importance.