

Granulator ZM

Granulator for difficult applications



One-Shaft Granulator

The extremely robust ZM Type Granulator were develop for the size reduction of metals but does also perform very well when processing other material such as cable, plastics and other materials. No matter which type of material is fed into the ZM Granulator – metal, recyclable waste or substitute fuels – each ZM granulator performs brilliantly.

All components are designed for a maximum durability. The rotor of the ZM Granulator is manufactured out of rolled and forged steel and made for a demanding long term us even in the field of scrap metal recycling.



Technische Spezifikation

Type	Motor	Rotor ø	Feed Opening	Dimensions (L/W/H)	Weight
ZM 1020 HNDE	90 kW	480 mm	980 x 550 mm	2850 x 3750 x 4725 mm	approx. 13,5 t
ZM 1620 HNDE	110 kW	480 mm	1565 x 550 mm	3450 x 3750 x 4725 mm	approx. 17,5 t
ZM 1008 HNDE	160 kW	785 mm	980 x 725 mm	2950 x 3900 x 4890 mm	approx. 18,8 t

Description:

Single-rotor crusher with electric drive via multiple V-belts and large flywheel, including Integrated, adjustable slip clutch. Hydraulically operated scissors lift for the exchange of the screen. Easy to change wear parts. Feed hopper with hydraulic force-feeding-device. Level monitoring via level sensor (microwave). Central lubrication of bearings. Machine control via electrical control cabinet, with on-site control panel. Material discharge by an optional conveyor belt.

Areas of application:

The ZM Granulator from THM is made for throughput, throughput and again throughput. The areas of applications are exceptional large.

- Domestic and industrial waste
- Electro- and electronic waste (electro motors up to 1,5 kg, transformers up to 3 kg)
- Pre-shredded car and truck tires
- Aluminium shavings from turning and milling
- Casted parts and steel profiles
- Cable scrap
- Oil filters
- Steel and plastic barrels (pre-cut)
- Plastics
- Paper
- Etc.

Benefits:

- High throughput capacity up to 20 t/hr.
- Working width from 1000 mm to 1600 mm and drive power from 90 to 160 kW
- Constant cutting quality through re-adjustable knives
- High performance reserves even when cutting massive metal parts

