

enma
GRANULATOR

BestgrindTech

THE SOLUTION - NEW COMBINED SHREDDER-GRANULATOR

ONE STEP FOR EFFICIENT PLASTICS REPROCESSING
TIO Series is the new shredder-granulator combination
specially designed for shredding input material including
lump, chunky or bulky material and cork.



Efficient at the pace of shredding, crushing solutions



application:

TIO600.1000.1300 is a new shredder developed by ENMA according to actual experience and market demand.

This new type of machine combines the type and characteristics of ENMA-EMS series shredder and GE series granulator, and integrates the advantages into one device. The input materials can meet the requirements of output size in two stages, from large to small, so as to facilitate reproduction and utilization.

Advantage:

Compact design: shred and crush into a compact device. The equipment box is thick and tight.

Efficient drive: shred part power 18.5-75kw, level 4 motor, crush power 11/22/30kw.

Hydraulic part: the crushing part is combined with crushing into one equipment. The crushing spindle is driven by a reducer with low speed and high torque, and the forward and reverse rotation is designed. The crushing part adopts v-shaped cutting technology, which is efficient and fast.

Quick net changing device: the screen mesh bracket and the screen mesh bracket of shredder can be opened by pneumatic spring and hydraulic easily and quickly replaced.

Material transportation: at present, positive pressure and negative pressure are adopted.

An innovation on the recycling solution for lumps and large volume parts.

Special design

- 30° inclined housing design makes it more convenient to feed
- Housing pallet can be opened quickly, for easily exchanging blade and cleaning.
- Hopper combine freely
- Standard rotor design for both rigid and soft materials
- V shape of rotor design achieve low energy consumption

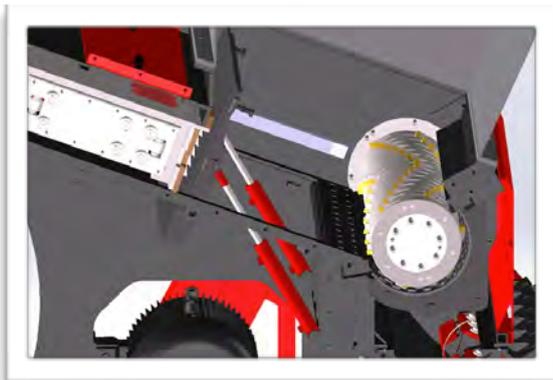
Low investment

- No conveyor needed between shredding and granulating
- Integral steel plate welding,
- Low noise, compact, low investment
- Space saving
- Only one control cabinet

From big to small is ENMA's responsibility



More Reason - More Advantages - Dual Solutions



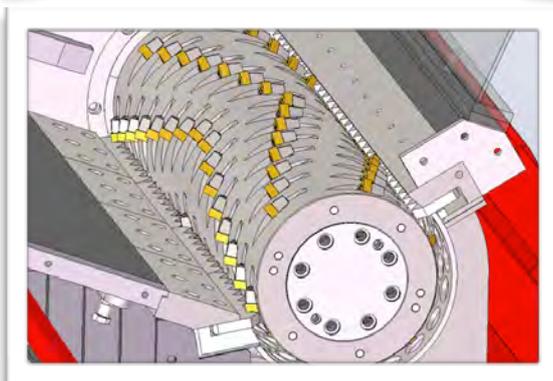
Quick blade exchange design

The "Two-in-one" series adopt the design of an openable feed chamber which makes it more quick to change the blades.



Compact design

The shredder and granulator are combined into a compact equipment which has chunky cabinet and firm structure.



Special design

Standard rotor design for both rigid and soft materials
V shape of rotor design achieve low energy consumption

Treatment materials:



Hollow products

IBC barrels, bottles, barrels, cisterns...



Models are

Different sizes, shapes, weights, materials...



Thin film

Agricultural film, wrapped film, consumer bags and discarded protective film...



Pipe

Pipe of different length, diameter and thickness



Waste

Waste cloth fiber nylon and so on



Waste carpet

Cars, homes, industrial carpets

Parameter

Model	TIO600	TIO1000	TIO1300
SHREDDER			
Rotor diameter (mm)	Φ280	Φ400	Φ400
Motor power (kW)	18.5/22	45/55	55/75
Rotor blade	28	69	93
Stator blade	2x2	2x3	2x4
Rotor rotating speed (rpm)	72	72	72
Feeding hopper size (mm)	580x800	960x1060	1280x1060
Shredding chamber (mm)	580x550	960x700	1280x700
Screen diameter (mm)	40-80	40-80	40-80
GRANULATOR			
Rotor blade	3x2	3x3	2x4
Stator blade	2x2	2x2	5
Motor power (kW)	11	22	30
Screen diameter (mm)	6-20	6-20	6-20
Output (kg/h)(up to material, screen size, motor, fan, etc.)	300-400	600-800	1000-1200
Machine weight (kg)	3000	6500	8200

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