

TR-600



TR-SERIES GRANULATOR SPECIFICATION SHEET



INTRODUCTION

The Fornnax Granulator TR-600 is a single-shaft heavy duty machine designed to accept pre-shredded wire cables and plastics for down-sizing the particles up to 4 mm granules. The machine is driven by 50 HP to 60 HP motor, providing sufficient power and torque to the rotor shaft. The technology becomes very reliable and efficient with the design of low cost blades and the use of replaceable screens.

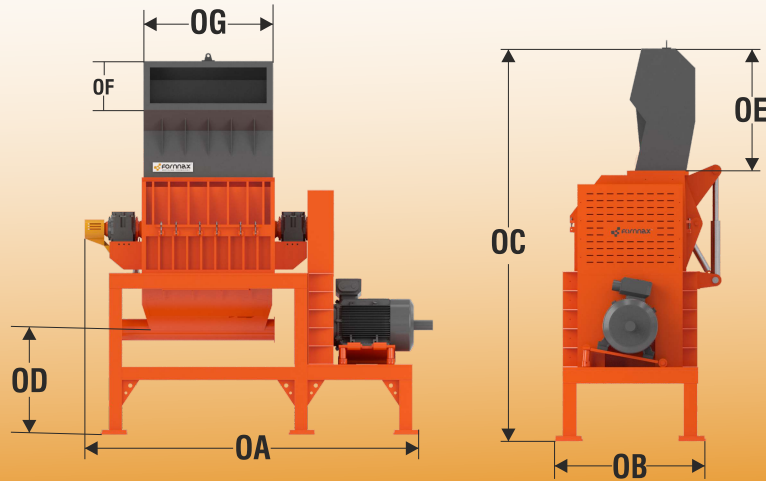
APPLICATIONS

- Tires Recycling
- Electronic and electrical waste
- Wire Cables Scrap
- Plastics
- Rubber Products waste
- Many more...

FEATURES

- **SECOND-TO-NONE-SERVICEABILITY**
 - Hydraulic hopper opening & service platform - ensure easy maintenance
- **VERSATILITY**
 - Rapid screen change system - to control the output size
- **LOW MAINTENANCE COST**
 - Four fold use & Multiple time re-grinding blades - for low cost operations
- **PRECISION CONTROL**
 - Specific Stop Feature - protects against over-feeding and damage by unsuitable materials.
- **ADVANCED BEARING HOUSING**
 - Advanced Bearing Housing - isolates bearings from cutting chamber contamination
- **LONGEVITY**
 - Replaceable wear plates - to increase the durability of cutting chamber
- **CUSTOMIZATION**
 - Inlet & Outlet hopper - highly customized

**SUITABLE FOR MOST DIFFICULT
GRANULATOR APPLICATIONS**



GRANULATOR (TR-600)

TECHNICAL SPECIFICATIONS

DRIVE AND TRANSMISSION SYSTEM

Power Range	50 HP
Number of Motors	1
Drive Specification	Electric
Voltage	As per Customer's Requirement

CUTTING SYSTEM

Cutting Chamber	L 600 mm X W 450 mm
Rotor Diameter	450 mm
Rotor Length	600 mm
No. of Rotating blades	10
No. of Static blades	4
Hopper Opening (OG X OF)	L 520 mm x W 188 mm
Hopper Height (OE)	705 mm
Discharge Height (OD)	460 mm
In-feed Height (OC)	1570 mm

OVERALL DIMENSIONS AND WEIGHT

Equipment Length (A)	1185 mm
Equipment Width (B)	1360 mm
Equipment Height (C)	1809 mm
Equipment Weight (Approx.)	2000 Kg

*Above displayed technical data, dimensions and specifications of equipment is representational. Dimensions are approximate. Actual equipment data may differ from shown. Consult with fornax for actual equipment drawing and layout plan.

OPTIONAL EQUIPMENTS



INFEED SCREW CONVEYOR

For conveying granule material to next stage.



PNEUMATIC CONVEYING

To convey materials for further processing and packaging.



CLASSIFIER

Multi layers screen to separate textiles.



SEPARATION TABLE

To categorize different density material by vacuum gravity separator.



DRUM MAGNET

To remove leftover steel wires from rubber granules.



SERVICE PLATFORM

For easy maintenance and serviceability

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