



TR-SERIES GRANULATOR SPECIFICATION SHEET



INTRODUCTION

The Fornnax Granulator is a single-shaft heavy duty machine designed to accept pre-shredded steel-free mulch, wire cables and plastics for down-sizing the particles up to 4 mm granules. The machine is driven by 75 HP to 215 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.

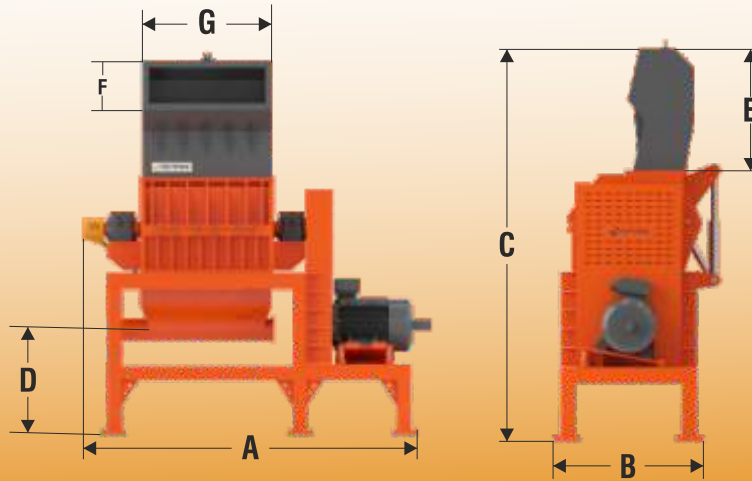
APPLICATIONS

- Tyres 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**
 - 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
GRANULATING APPLICATIONS**



GRANUALTORS

TECHNICAL SPECIFICATIONS

MODEL	TR 900	TR 1400
DRIVE AND TRANSMISSION SYSTEM		
Power (HP)	75-100 HP / (55-75KW)	150-215 HP / (110-160KW)
Number of Motors	1	1
Drive Specification	Electric	Electric
Voltage	As per Customer's Requirement	
CUTTING SYSTEM		
Cutting Chamber	965 X 630 mm	1400 X 700 mm
Rotor Diameter	600 mm	700 mm
Rotor Length	900 mm	1400 mm
No of Rotating blades	12	18
No of Static blades	4	6
Hopper Opening (G x F)	1000 x 410 mm	1350 X 410 mm
Hopper Height (E)	1225 mm	1350 mm
Discharge Height (D)	1080 mm	1600 mm
Infeed Height	3040 mm	3760 mm
ALL OVER DIMENSIONS		
Equipment Length (A)	2800 mm	3900 mm
Equipment Width (B)	1700 mm	1700 mm
Equipment Height (C)	3450 mm	4150 mm
Equipment Weight (Approx.)	5000 Kg	12000 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

FORNAX CUSTOMER ASSISTANT
+91 90330 77711, 90330 77796

A-7, Swagat Industrial Park-1, Odhav-Indore Highway, Bakrol (Bujrang) GIDC, Daskroi, Ahmedabad - 382433, Gujarat, India.

Email : info@fornax.com, CIN NO : U29248GJ2013PTC075090



www.fornax.com



YouTube