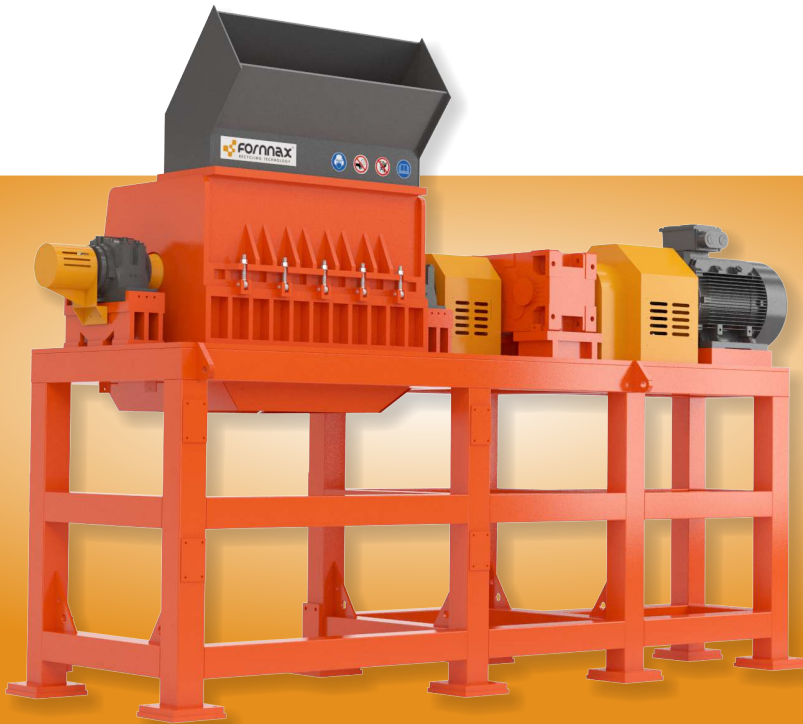


R-1000



R-SERIES SECONDARY SHREDDERS SPECIFICATION SHEET



INTRODUCTION

The Fornax Secondary Shredder R-1000 is a single-shaft machine designed to accept wide range of pre-shredded materials for further down-sizing into consistently sized particles. This is a heavy duty machine capable of processing Tyres, RDF, copper wires, non-ferrous metals and much more. The internal screen has hole-size of 16 mm to 50 mm with a drive option of 100 HP to 150 HP, providing sufficient power and torque to process most difficult materials. The technology becomes very reliable and efficient with the design of replaceable wear plate, low cost blades and the use of reversible screens.

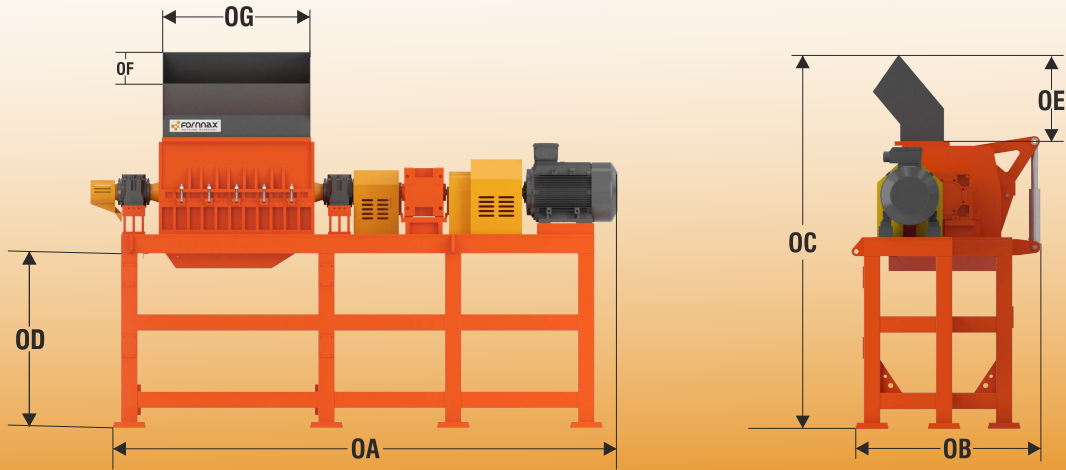
APPLICATIONS

- Tires Recycling
- Municipal Solid Waste
- Cables
- Refrigerators
- Many more...
- Steel cord cleaning
- Electronic and electrical waste
- Aluminium scrap
- Oil filters

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 SHREDDING APPLICATIONS



SECONDARY SHREDDER (R-1000)

TECHNICAL SPECIFICATIONS

DRIVE AND TRANSMISSION SYSTEM

Power Range	100-150 HP
Number of Motors	1
Drive Specification	Electric
Voltage	As per Customer's Requirement

CUTTING SYSTEM

Cutting Chamber	L 1250 mm X W 540 mm
Rotor Diameter	500 mm
Rotor Length	1250 mm
No. of Rotating blades	50
No. of Static blades	10
Hopper Opening (OG X OF)	L 1310 mm X W 340 mm
Hopper Height (OE)	800 mm
Discharge Height (OD)	1600 mm
In-feed Height (OC)	3050 mm

OVERALL DIMENSIONS AND WEIGHT

Equipment Length (A)	4600 mm
Equipment Width (B)	1600 mm
Equipment Height (C)	3400 mm
Equipment Weight (Approx.)	13000 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



PUSHER RAM

To assist the material towards cutting process.



CONVEYING SYSTEM

For conveying material to next stage.



VIBRATORY DISCHARGER

To segregate ferrous elements from output and moves material to next conveyor.



OVER BAND MEGNET

To continuous separation of ferrous elements from non magnetic elements.



STABILITY SILO

To provide consistent flow of sized material to Infeed Conveyor.



SERVICE PLATFORM

For easy maintenance and serviceability

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