

# RANGE PRIMARY SHREDDERS

## SR100/SR150/SR200/SR250



## SR-SERIES PRIMARY SHREDDERS SPECIFICATION SHEET



## INTRODUCTION

The Fornnax Dual-Shaft Primary Shredder is best example of modern engineering and technology in the field of recycling business. Each shaft is driven by its own motor and generates high torque at low speed providing plenty of power to individual shaft. The Fornnax Dual-Shaft Shredder is tailor-made and multi-purpose machine to be utilised for size reduction of bulky waste, data destruction and primary shredding where output size variations are acceptable. The output size depends upon the knives thickness and consists of “strips” of sizes varying from 50 mm to 60 mm.

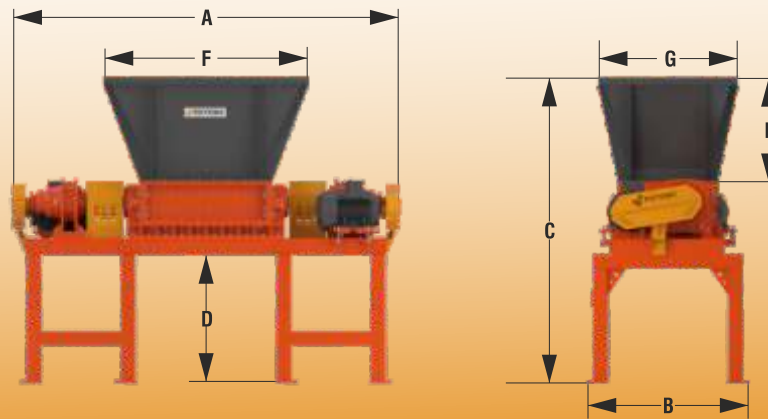
## APPLICATIONS

- Passenger Tyres / Truck Tyres / Otr Tyres
- Mixed & Bulky Waste
- Municipal Solid Waste
- Electronic Waste
- Metal Drums
- Construction Demolition Waste
- Metals
- Woods/ Pallets
- Plastic Scrap
- Paper/Cardboard
- Many more...

## FEATURES

- High Throughput - low power consumption drive design
- Service Platform - maintenance is easy
- Specially Designed Knives - with hard face & re-grind multiple times for low cost operations
- Specific Stop/Auto Reversal Feature - protects against over-feeding and damage by unsuitable materials
- Output Size - can be easily controlled
- Inlet & Outlet hopper - highly customized

**SUITABLE FOR MOST DIFFICULT  
SHREDDING APPLICATIONS**



## DUAL SHAFT PRIMARY SHREDDERS

## TECHNICAL SPECIFICATIONS

MODEL	SR100	SR150	SR200	SR250
<b>DRIVE AND TRANSMISSION SYSTEM</b>				
Power Range	150-200 HP / (110-150KW)	150-300 HP / (110-220KW)	150-400 HP / (110-300KW)	300-500 HP / (220-360KW)
Number of Motors	2	2	2	2
Drive Specification	Electric	Electric	Electric	Electric
Voltage	As Per Customer Requirement			
<b>CUTTING SYSTEM</b>				
Cutting Chamber	1407 X 940 mm	1600 X 1170 mm	1807 X 1350 mm	2080 X 1600 mm
Knives Thickness	50 mm	50 mm	75 mm	80 mm
Knives Diameter	530 mm	650 mm	750 mm	850 mm
Hopper Opening (F X G)	2355 X 2527 mm	3340 X 1950 mm	3460 X 2200 mm	3600 X 2400 mm
Hopper Height (E)	1250 mm	1450 mm	1560 mm	1600 mm
Discharge Height (D)	1700 mm	1800 mm	1800 mm	1800 mm
In-feed Height (C)	3895 mm	4410 mm	4500 mm	4650 mm
<b>ALL OVER DIMENSIONS</b>				
Equipment Length (A)	5137 mm	6100 mm	6200 mm	6400 mm
Equipment Width (B)	1895 mm	2198 mm	2300 mm	2600 mm
Equipment Height (C)	3895 mm	4410 mm	4500 mm	4650 mm
Equipment Weight (Approx.)	18,000 Kg	25,000 Kg	30,000 Kg	35,000 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.

### TROMMEL SCREEN

To separate oversize output material.

### RESONANCE SCREEN

To separate oversize output material.

### SERVICE PLATFORM

For easy maintenance and serviceability

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