

Scrap Steel Shredding Line for Recycling

This production line processes scrap metal into superior steel-making raw materials. It shreds material to remove coatings, increase volume proportion, prevent explosions, and increase melting rate.



Overview

Industrial Scrap Steel Shredding Line

This high-capacity production line is engineered to transform inferior scrap, including waste vehicles, home appliances, bicycles, and tinplate, into high-quality steel-making raw materials. The system operates continuously to shred materials, strip away coatings, and increase density for improved furnace efficiency. By optimizing material shape and volume, it prevents explosions during electric furnace casting and significantly boosts overall melting rates.

Key Features

Operational Benefits

- Continuous shredding operation
- Effective coating removal
- Increased material volume proportion
- Prevents furnace explosions
- Enhanced melting efficiency

Processable Materials

Waste Car Bodies, Home Appliances, Bicycles, Tinplate, Empty Jars

Technical Specifications

Performance by Model

Model	Power (kW)	Feed Opening (mm)	Capacity (Ton/hr)
HIM-500	500	1600	12-18
HIM-750	750	1600	15-20
HIM-900	900	2200	20-25
HIM-1200	1200	2200	25-30
HIM-1500	1500	2500	35-50
HIM-2250	2250	2500	50-75