

Steel Wire Separator

This steel wire separator is designed for the efficient separation of steel wires from mixed materials. It utilizes a magnetic field to attract and extract steel wires, ensuring high purity and efficient material recovery.



ADDITIONAL IMAGES



Overview

Industrial Steel Wire Separator

The Steel Wire Separator is engineered for high-efficiency metal separation, effectively extracting steel materials from mixed waste streams and transporting them via belt. Designed for industrial applications, the system features a robust, simple construction that ensures long-term reliability with minimal maintenance requirements. It provides a comprehensive solution for recycling plants and material recovery facilities looking to improve material purity through high-intensity magnetic separation.

Technical Specifications

Model Comparison Table

Specification	LCX-600	LCX-800	LCX-1200
Excitation broadband (mm)	450	450	450
Hang height (mm)	d180	d180	d180
Material thickness (mm)	d20	d20	d20
Conveyor speed (m/s)	d4.5	d4.5	d4.5
Power (Kw)	1	1	1
Gear motor power (Kw)	0.4	0.4	0.4
Flux density (Mt)	70	70	70
Size (LxWxH mm)	750x500x550	950x500x550	1350x500x550
Weight (Kg)	380	450	550

Features

Key Features

- Simple construction for easy installation
- Low maintenance and repair requirements
- Powerful magnetic field for complete separation
- Extended equipment lifespan
- High material purity output

Suitable Industries

Recycling, Material Recovery, Mining, Industrial Processing