Magnetic Separator for Material Recycling

The magnetic separator is designed for removing iron powder from powder materials to aid in recycling. It is widely applicable in resource recycling, timber, mining, ceramics, chemicals, and food industries.

ADDITIONAL IMAGES

Overview

High-Efficiency Magnetic Separation

This industrial magnetic separator is designed for the efficient removal of ferrous materials from non-ferrous substances in resource recycling and mineral processing. Utilizing a wet separation method, it is highly versatile for applications ranging from mining and ceramics to chemical and food processing. The machine features a robust magnetic system that ensures stable field strength and consistent material recovery, making it an essential tool for high-capacity beneficiation plants.

Key Features

Operational Highlights

- Strong and stable magnetic field strength
- Large wrap angle of the magnetic system
- Suitable for materials with granularity below 3mm
- Designed for continuous operation and easy maintenance

Technical Specifications

Model Specifications

Model	Diameter (mm)	Length (mm)	Capacity (t/h)	Power (kW)
CTB6012	600	1200	10-20	1.5
CTB6018	600	1800	15-30	2.2
CTB7518	750	1800	20-45	2.2
CTB9018	900	1800	40-60	3
CTB9021	900	2100	45-60	3
CTB9024	900	2400	45-70	4
CTB1018	1050	1800	50-75	5.5
CTB1021	1050	2100	50-100	5.5
CTB1024	1050	2400	60-120	5.5
CTB1218	1200	1800	80-140	5.5
CTB1224	1200	2400	85-180	7.5
CTB1230	1200	3000	100-180	7.5
CTB1530	1500	3000	170-280	11

Operational Parameters

Processing Capabilities

280 t/h
Max Capacity

3 mm
Max Feed Size

Applications

Compatible Materials	Magnetite, Pyrrhotite, Roasted ore, Titanic iron ore, Hematite, Limonite, Siderite, Wolframite, Tantalum-niobium ore, Red mud, Quartz, Fluorite, Feldspar