

Series YCBG Movable Magnetic Separator

Specification

English Version
For reference only

General Introduction

Series YCBG movable magnetic separator for dry sand is a medium strong magnetic separation equipment and can be used to eliminate the ferromagnetism materials from weak magnetic materials, such as the ore, marine sand or other lean ore. This equipment is composed of sieve, cloth device, frame, belt conveyor, magnetic separator and so on. The separation roller in this magnetic system is made of stainless steel sheet NdFeb magnets, with its characteristic of powerful magnetic intensity and high gradient are the core material in this magnetic system. The unique large angle design with multiple magnetic poles is an important contributing features in this magnetic. The speed of the rotary device can be adjusted accordingly as it is managed by an electromagnetic motor.



Features

- Advanced magnetic circuit design and multi magnetic poles structure to extract fine mineral.
- Big gradient, reliable performance, eliminate the waste iron effectively.
- Simple construction and installation, easy to maintain.
- Low energy consumption, long-term trouble-free operation.
- The usage of NdFeB magnet featuring with high magnetic force.
- Electromagnetic adjustable-speed motor design for rotary device.

Specification Table

| Model | Drum Size (D x L) mm | Magnetic Intensity mT | Process Capacity ton/h | Drum Revolving Speed r/min | Motor Power kW | Size of processed particle mm | Unit Weight kg |
|-----------|----------------------------|-----------------------------|------------------------------|----------------------------------|----------------------|--|----------------------|
| YCBG-718 | 700 × 1800 | ≥250 | 75 | 30-50 | 3 | ≤20 | 1800 |
| YCBG-722 | 700 × 2200 | ≥250 | 100 | 30-50 | 3 | ≤20 | 2000 |
| YCBG-724 | 700 × 2400 | ≥250 | 125 | 30-50 | 4 | ≤20 | 2200 |
| YCBG-726 | 700 × 2600 | ≥250 | 135 | 30-50 | 4 | ≤20 | 2400 |
| YCBG-818 | 800 × 1800 | ≥250 | 100 | 30-50 | 4 | ≤20 | 2100 |
| YCBG-822 | 800 × 2200 | ≥250 | 140 | 30-50 | 4 | ≤20 | 2400 |
| YCBG-824 | 800 × 2400 | ≥250 | 180 | 30-50 | 5.5 | ≤20 | 2600 |
| YCBG-826 | 800 × 2600 | ≥250 | 220 | 30-50 | 5.5 | ≤20 | 2800 |
| YCBG-918 | 900 × 1800 | ≥300 | 150 | 30-50 | 4 | ≤20 | 2400 |
| YCBG-922 | 900 × 2200 | ≥300 | 200 | 30-50 | 4 | ≤20 | 2800 |
| YCBG-924 | 900 × 2400 | ≥300 | 250 | 30-50 | 5.5 | ≤20 | 3100 |
| YCBG-926 | 900 × 2600 | ≥300 | 300 | 30-50 | 5.5 | ≤20 | 3300 |
| YCBG-1015 | 970 × 1500 | ≥300 | 200 | 30-50 | 5.5 | ≤20 | 2500 |
| YCBG-1018 | 970 × 1800 | ≥300 | 260 | 30-50 | 5.5 | ≤20 | 3000 |
| YCBG-1022 | 970 × 2200 | ≥300 | 320 | 30-50 | 7.5 | ≤20 | 3500 |
| YCBG-1024 | 970 × 2400 | ≥300 | 350 | 30-50 | 7.5 | ≤20 | 4000 |
| YCBG-1026 | 970 × 2600 | ≥300 | 410 | 30-50 | 7.5 | ≤20 | 4250 |