

Three Layer magnetic roller separator

This product is mainly consisting of neodymium strong magnet, belt and steel, its magnetic field is up to 15000GS, which is applied in ceramics, silica sand, steatite, plastics, activated carbon, etc. Its magnetic roller is dry type and the particle size to process is below 120 mesh.

Introduction

- 1.The rack material is made of stainless steel
- 2.Magnetic roll separator for activated carbon with Neodymium strong magnet
- 3.With strong performance of 3-layer Magnetic Roller Separator up to 15000GS
- 4.3-layer magnetic roller separator for activated carbon applies to large granular materials
- 5.Conveyor belt is transmitted by continuous speed changing machine
- 6.Roller iron remover's service Life: 3 years
- 7.Magnetic roller separator input voltage is 380V

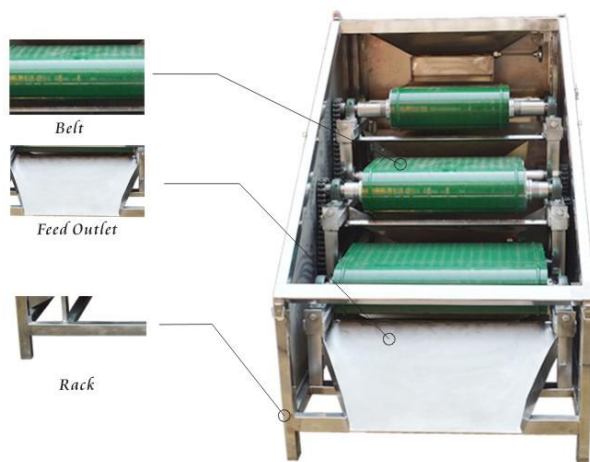
PRODUCT DISPLAY



Advantages:

1. Simple structure easy operation
2. Strong magnetic performance, long service life
3. Low loss, low failure rate
4. High output capacity, can remove the iron slag cleaner

PRODUCT DETAIL





This magnetic conveyor belt separator with dust cover can be prevented the raising dust effectively. FNS-3QCPD-150 Magnetic roller separator with 3 layers, magnetic power up to 15000GS, is ideal machine for iron removing.

PRODUCT ATTRIBUTE

Model	Voltage	Specification	Performance	Belt width	Capacity	Rack material	A	B	C
FNS-QCKPD-100	380V	Φ 100*700mm	4500GS	700mm*0.2	1T-3T	Iron	1500mm	850mm	1200mm
FNS-QCPD-100	380V	Φ 100*700mm	12000GS	700mm*0.2	1T-3T	Iron	1500mm	850mm	1200mm
FNS-QCPD-150	380V	Φ 150*700mm	15000GS	700mm*0.2	1T-3T	Iron	1500mm	850mm	1200mm
FNS-PCPD-159	380V	Φ 159*700mm	3000GS	700mm*0.2	1T-3T	Iron	1500mm	850mm	1200mm
FNS-PCPD-219	380V	Φ 219*700mm	3000GS	700mm*0.2	1T-3T	Iron	1500mm	850mm	1200mm
FNS-PCPD-300	380V	Φ 300*700mm	3000GS	700mm*0.2	1T-3T	Iron	1500mm	850mm	1200mm

Magnetic roll separator specification can be customized

Parameters:

LENGTH (1400mm) × WIDTH (800mm) × HEIGHT (1280mm)

MOTOR PARAMETERS: 380V 1.5KW

MAGNETIC ROLLER PARAMETER:

The first layer: φ 150mm×400mm 15000GS

Second layer: φ 150mm×500mm 15000GS

Third layer: φ 150mm×600mm 15000GS

FNS-3QCPD-150

Machine cover with transparent plastic sheet to prevent dust leaking outside

Adjustable belt speed: 0 – 2 m/s with converter regulator

PROCESSING CAPACITY: 300kg-500kg/h

APPLICATION



Rubber



Quartz sand



Activated carbon



Plastic particles



Color Masterbatch

WORKING PRINCIPLE

Raw materials are fed to the 3-layer magnetic roller separator's feeder, as the rotation of the belt, magnetic particle is absorbed by magnetic plate then through the magnetic roller, entering into non-magnetic field below that magnetic material automatically drop to the iron box.

