

Three-discs Magnetic Separator



Description:

The device is a dry high intensity magnetic separator, applicable for separations of ilmenite, rare earth ore, chromite, tungsten and tin ores, limonite, columbium and tantalum ores, zircon, rutile, monazite,

andalusite, garnet, kyanite, feldspar, quartz and other minerals with magnetic differences or removal of iron in nonmetallic minerals.

The separator is for dry separation, 4 varieties of products can be obtained by separation of the separator.

Main device comprises feeding unit, weak magnetic roller, drive part, material conveying apparatus, magnetic disk, electromagnetic system, frame and others. The electric control section consists of components of control, voltage regulation, rectification, instrument and so on. It features

Features:

1: Compact structure,

2: Stable performance,

3: Easy installation and convenient operation and maintenance.

Main Technical Parameters

Model	Unit	3PC-600
Magnetic intensity	Gs	18000
Number of magnetic disk	Piece	3

Diameter of magnetic disk	mm	600
Revolution of magnetic disk	r/min	36
Power supply	V	380
Exciting coil	↑ Piece	8
Motor	kw	2.2
Exciting power	kw	1.6
Coil temperature	℃	<80
Rated current of coil	A	1.3-1.8
Feeding width	mm	300
Feeding size	mm	≤2
Capacity	kg/h	100-500
Dimension	mm	3200×900×1200
Weight	kg	2400