



MAGNETIC SEPARATORS

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MAGNETIC ROD

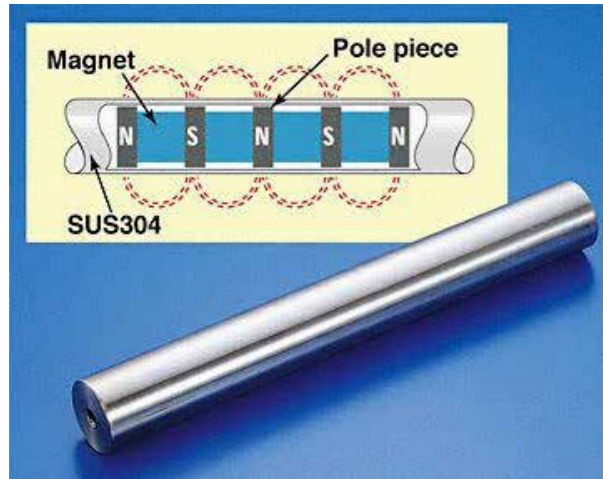
Company Profile

Founded in 2000, Great Magtech (Xiamen) Electric Co., Ltd.(GME) is a brand dedicated to offer a wide range of precast concrete products and construction components, We have successfully cooperated World Top 500 Companies, like Lafargeholcim. Our shutter magnets are now sold to all over the world, especially Middle East, Northern Europe, Southeast Asia and Oceania. Our factory is in Ningbo, covering an area of 50000 square meters. The investment has reached RMB 170 million successively since its establishment. There are more than 200 professional and experienced staff, including 45+ R&D experts. Products already passed TS16949, ISO9001-2000

CE, RoHS and SGS guidelines. In the light of the principle of "the quality and service first", the company built up a strict quality management system, such as APQP, FMEA, SPC, PPAP, MSA. We pride itself in delivering products and services that consistently take the business forward and provide clients with new, exciting innovations to meet the ever increasing demand for quality and value for money.

Magnetic Bar

The magnetic rod is made of high quality stainless steel tube and rare earth alloy NdFeB, and is made by special production method. It can be combined on a holder to form a magnetic filter. When the iron-containing substance passes, it is attracted by the i-force bar, and the iron-containing substance is firmly adsorbed on the pipe wall of the magnetic bar to ensure the integrity of the equipment and the safety of the product.



Factors Affecting Magnetic Force

The magnetic force on the surface of a magnetic bar is usually related to three factors:

1. Magnetic field line density of magnet surface.
2. Magnetic field gradient
3. Adsorbed metal foreign particles are heavy



Regular Specifications

Magnetic strength	Working Temperature(°C)							
	4000GS	5000GS	6000GS	7000GS	8000GS	10000GS	11000GS	12000GS
Steel tube outside diameter								
Φ6(0.24")	180C	-	-	-	-	-	-	-
Φ8(0.31")	180C	-	-	-	-	-	-	-
Φ9(0.35")	180C	-	-	-	-	-	-	-
Φ10(0.39")	180C	-	-	-	-	-	-	-
Φ12(0.47")	180C	180C	-	-	-	-	-	-
Φ16(0.63")	180C	180C	180C	-	-	-	-	-
Φ19 (0.75")	180C	180C	180C	180C	-	-	-	-
Φ20.3(0.80")	180C	180C	180C	180C	-	-	-	-
Φ22 (0.85")	180C	180C	180C	180C	180C	-	-	-
Φ25 (1.00")	180C	180C	180C	180C	180C	180C	180C	180C
Φ32 (1.25")	180C	180C	180C	180C	180C	180C	180C	180C
Φ38 (1.50")	180C	180C	180C	180C	180C	180C	180C	180C
Φ50 (1.75")	180C	180C	180C	180C	180C	180C	180C	180C
Φ63(2.48")	180C	180C	180C	180C	180C	180C	180C	180C

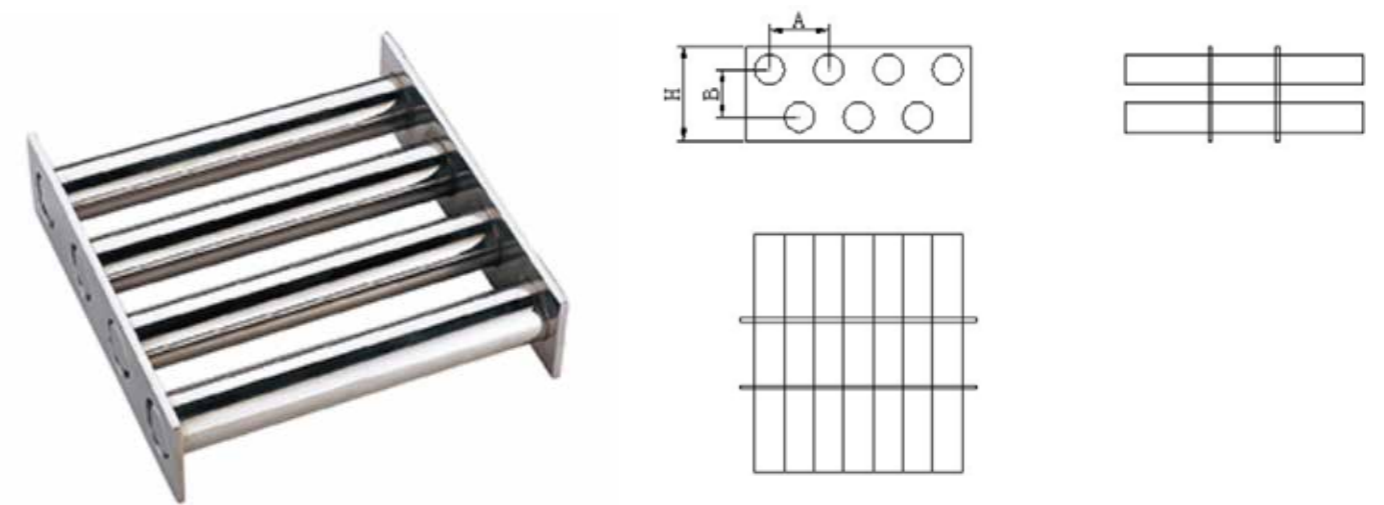


MAGNETIC FRAME

Magnetic Grate

Magnetic filter holder (Magnetic Grate) is mainly used to remove ferromagnetic impurities in powdery, granular raw materials and liquids or slurries. It is widely used in ceramics, electric power, mining, plastics, chemicals, rubber, pharmaceuticals, food, environmental protection, pigments, dyes, electronics, metallurgy and other industries. Can accept any size Gs custom, there are ordinary magnetic and easy to clean magnetic Grate respectively.

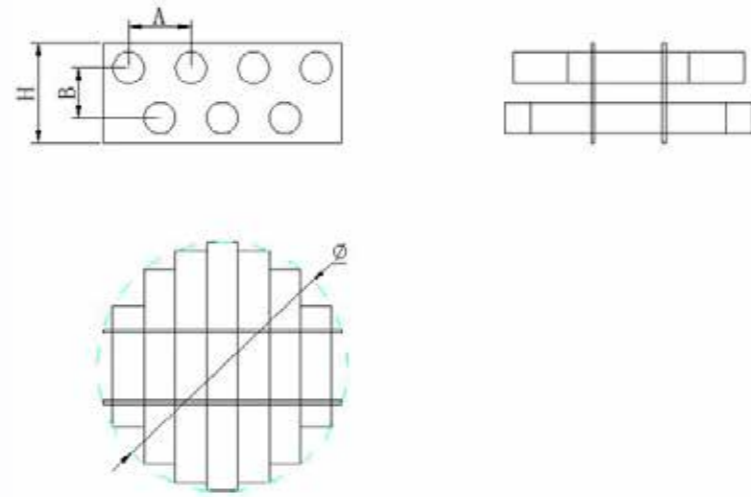
Square Magnetic Grate



Regular Specifications

Magnetic grate size	Number of layers	Magnetic grate height H	Magnetic rod center distance A	Magnetic rod center distance B	Number of magnets
100*100	1	40	50mm	40mm	2
	2	80			3
150*150	1	40			3
	2	80			5
200*200	1	40			4
	2	80			7
250*250	1	40			5
	2	80			9
300*300	1	40			6
	2	80			11
350*350	1	40			7
	2	80			13
400*400	1	40			8
	2	80			15
450*450	1	40			9
	2	80			17
500*500	1	40			10
	2	80			19

Round Magnetic Grate



Regular Specifications

Magnetic frame diameter Φ	Number of layers	Magnetic frame height h	Magnetic rod center distance A	Magnetic rod center distance B	Number of magnets
$\Phi 100$	1	40	50mm	40mm	2
	2	80			3
$\Phi 150$	1	40			3
	2	80			5
$\Phi 200$	1	40			4
	2	80			7
$\Phi 250$	1	40			5
	2	80			9
$\Phi 300$	1	40			6
	2	80			11
$\Phi 350$	1	40			7
	2	80			13
$\Phi 400$	1	40			8
	2	80			15
$\Phi 450$	1	40			9
	2	80			17
$\Phi 500$	1	40			10
	2	80			19

Application



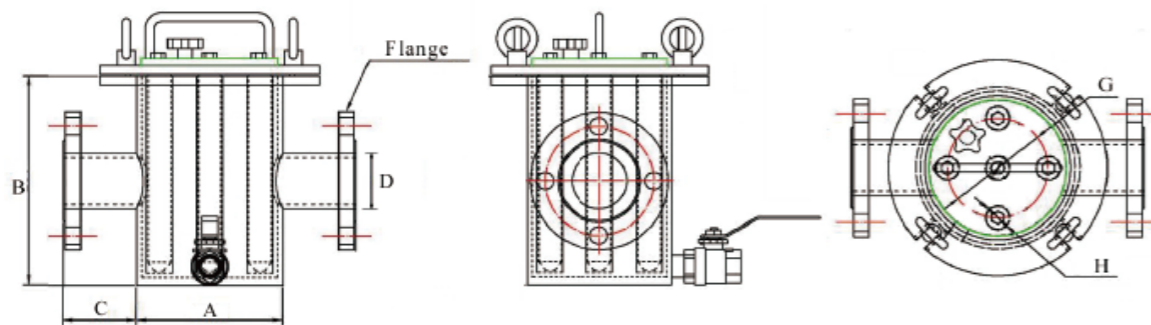
MAGNETIC BAR TYPE IRON REMOVER

Slurry Cartridge Iron Remover

An easy-to-clean liquid pipeline trap can be connected to the pipeline to remove iron contaminants from the slurry. When the slurry flows through the surface of the trap casing, the iron contaminants are adsorbed on the surface of the casing. After the magnetic system and the casing are taken out together, the magnetic system and the casing are separated to achieve rapid removal of the iron contaminant. purpose. Can be customized according to customer's drawing size



Schematic Diagram



Regular Specifications

Item No.	Flange/Connector	A	B	C	D	G	H	Bar Quantity
MS159-DN32	DN32	Φ159	230	80	Φ39	Φ110	Φ25	5
MS159-DN40	DN40	Φ159	230	80	Φ46	Φ110	Φ25	5
MS159-DN50	DN50	Φ159	230	80	Φ59	Φ110	Φ25	5
MS219-DN65	DN65	Φ219	300	100	Φ78	Φ150	Φ25	7
MS219-DN80	DN80	Φ219	300	100	Φ91	Φ150	Φ25	7
MS219-DN100	DN100	Φ219	300	100	Φ110	Φ150	Φ25	7
MS273-DN125	DN125	Φ273	330	100	Φ135	Φ200&Φ100	Φ25	10
MS273-DN150	DN150	Φ273	330	100	Φ161	Φ200&Φ100	Φ25	10
MS325-DN200	DN200	Φ325	360	114	Φ222	Φ250&Φ125	Φ25	13
MS377-DN250	DN250	Φ377	420	116	Φ276	Φ300&Φ160	Φ25	15
MS426-DN300	DN300	Φ426	460	118	Φ328	Φ340&Φ175	Φ25	17
MS480-DN350	DN350	Φ480	510	120	Φ381	Φ380&Φ200	Φ25	19
MS630-DN400	DN400	630	700	135	426		Φ25	21

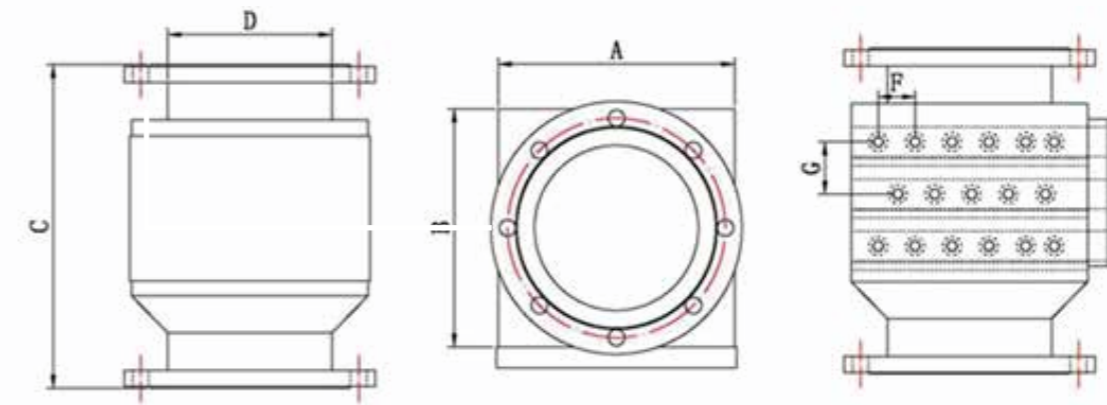
Import and export sizes and specifications can be customized according to customer requirements.

Drawer Type Iron Remover

No energy consumption, no pollution, simple structure, can be installed in the production pipeline or in the discharge port, saving space, easy to install, magnetic rods are arranged in an interlaced manner, and the magnetic spacing is carefully designed to make the strong magnetic area more fully utilized. Pipeline type iron remover has many specifications, and the specific size can be designed and manufactured according to the actual situation of the customer.



Schematic Diagram



Regular Specifications

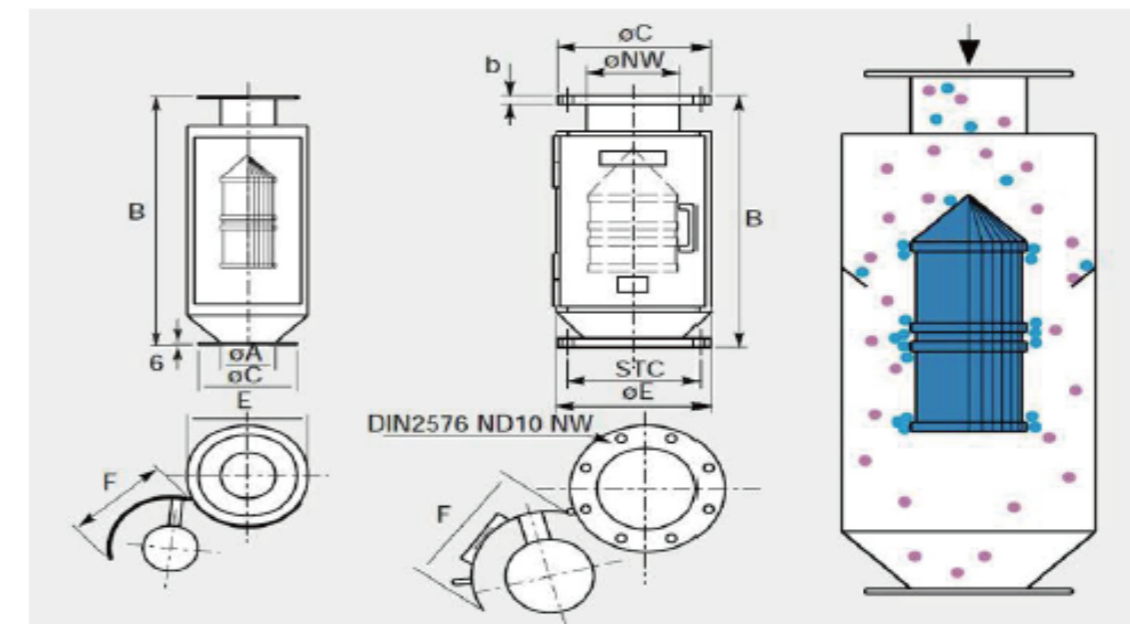
Item No.	Flange Type	A	B	C	D	F	G	Magnetic Bar Diameter	Magnetic Grate Layer	Magneti Bar Quantity
FL10002	DN100	160	160	370	Φ110	50	70	Ø25	2	5
FL10003				440						3
FL15002	DN150	220	220	370	Ø161	50	70	Ø25	2	7
FL15003				440						3
FL20002	DN200	270	270	370	Ø222	50	70	Ø25	2	9
FL20003				440						3
FL25002	DN250	330	330	370	Ø276	50	70	Ø25	2	11
FL25003				440						3
FL30002	DN300	380	380	370	Ø328	50	70	Ø25	2	13
FL30003				440						3

Import and export sizes and specifications can be customized according to customer requirements.

BULLET TYPE IRON REMOVER

Bullet Type Iron Remover

The material enters the cartridge type iron remover chamber and is dispersed by the internal magnetic core, while the mixed iron is adsorbed on the surface of the magnetic core, and the material continues to flow forward after being purified. When the iron remover door is opened, the iron impurities on the surface of the core can be removed.



Regular Specifications

Item No.	A	B	C	E	F	Capacity (t/h)
BM-100	100	550	180	220	240	6
BM-150	150	600	230	275	310	20
BM-200	200	650	280	345	405	50
BM-250	250	750	330	430	490	75
BM-300	300	850	400	485	550	100
BM-400	400	950	500	620	665	150
BM-500	500	1100	600	780	770	200

Import and export sizes and specifications can be customized according to customer requirements.

HUMP TYPE IRON REMOVER

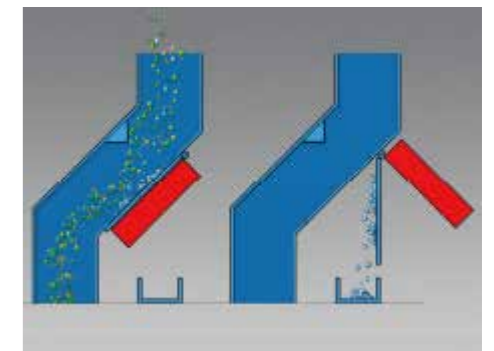
Easy To Clean The Hump Tron Remover

The device can effectively remove the iron impurities mixed in the wind conveying pipeline or the free falling material, and the two magnetic plates are respectively arranged on both sides of the V-shaped chute.

Ensure that the surface of the magnetic plate and the material are in full contact to enhance the iron removal effect.

Regular Specifications

- 1.Compact structure saves installation space
- 2.Can be applied to various wind power transmission lines
- 3.No consumables are maintenance free
- 4.Easy to remove iron



Optional

The material of the box can be carbon steel or stainless steel
A variety of field strength and temperature magnetic poles are available

Configurable inspection window to observe the adsorption of iron on the surface of the magnetic plate



Applicable Materials

Feed, peanut, glass fiber, plastic, rubber and other materials

Regular Specifications

Model	Import and Export Pipe Size(mm)	Processing Capacity(m3/h)
PTERPNOS	Φ400X200	50
PTERPNOS	Φ600X200	90
PTERPNOS	Φ800X200	140

Import and export sizes and specifications can be customized according to customer requirements.

Automatic Easy To Clean The Hump Iron Remover

The device can effectively remove the iron impurities mixed in the wind conveying pipeline or the free falling material, and the two magnetic plates are respectively arranged on both sides of the V-shaped chute.

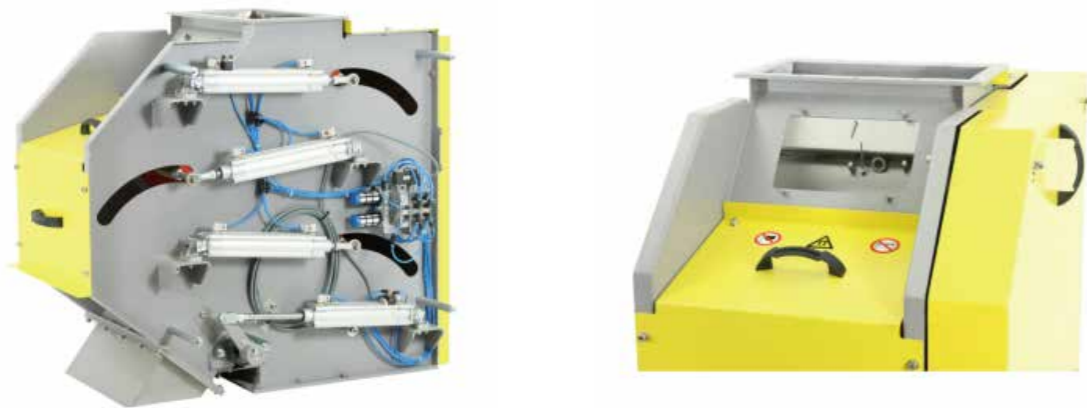
Ensure that the surface of the magnetic plate and the material are in full contact to enhance the iron removal effect.

Features and Advantages

1. Overall surface stainless steel structure
2. Automatic unloading does not require manual participation
3. Easy to operate and easy to maintain
4. Independently arranged unloading port to avoid secondary pollution caused by miscellaneous iron

Applicable Materials

Production line of feed, peanut, glass fiber, plastic, rubber and other materials



Regular Specifications

Model	Import and Export Pipe Size (mm)	Processing Capacity(m3/h)
PTAERPNO150	Φ150	30
PTAERPNO200	Φ200	75
PTAERPNO250	Φ250	100
PTAERPNO300	Φ300	150

Import and export sizes and specifications can be customized according to customer requirements.

AUTOMATIC EASY TO CLEAN BOX TYPE IRON REMOVER

Easy To Clean The Hump Iron Remover

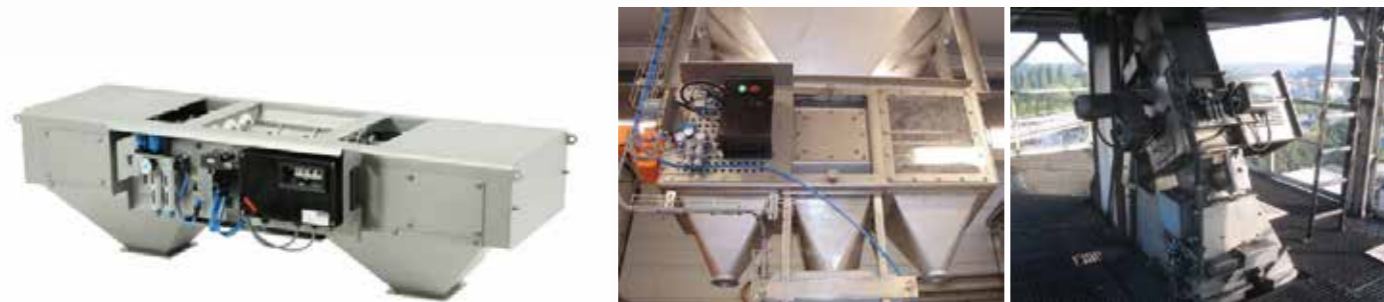
Compared with the easy-to-clean box grid, the manual control device is used to automatically remove the iron without manual pulling. When cleaning the iron, the number of the magnetic rods can be used to determine whether the production line needs to be stopped.

Features and Advantages

- 1.All stainless steel cabinet
- 2.Uniquely designed unloading iron and iron removal device
- 3.Single and multi-layer grids can be designed according to user needs
- 4Automatic unloading of iron through remote control of the circuit
- 5.NEMA12 standard button controller
- 6.Adapters with upper and lower connectors according to user requirements

Optional Dosing

- 1.A variety of field strength and temperature resistance levels are available
- 2.Surface treatment can be sandblasted or polished



Regular Specifications

Series	Square Box Size (TM1)	Easy Flow Material Handling Capacity (m3/h)	Poor Fluid Handling Capacity (m3/h)
GHXAEN0250	250	40	22
GHXAEN0350	350	60	30
GHXAEN0400	400	90	45

Import and export sizes and specifications can be customized according to customer requirements.

Easy To Clean Rotating Grille

The easy-to-clean rotary grille is suitable for removing miscellaneous iron from bonded and easily blocked materials in the case of poor on-site environment. The rotating magnetic system continuously contacts the iron in the material and firmly adsorbs it, and can disperse the easily bonded or agglomerated materials to prevent the material from bridging or blocking the pipeline.

Easy to clean the rotating grille through the stainless steel sleeve on the surface of the magnet, the magnet can be quickly separated from the miscellaneous iron for fast unloading.



Features and Advantages

- 1.Stainless steel cabinet
- 2.Special casing design ensures simple and efficient iron removal.
- 3.The contact area of the material and the surface of the magnetic rod can be increased by adding a guide plate to enhance the iron removal effect.
- 4.Easy to clean, maintenance free

Processing Materials

Gypsum, barium carbonate, bleaching earth, talc, flour, candy, and fiber materials.

Application Industry

Chemical and pharmaceutical industries, flour processing industry, mineral processing industry, production milling industry.

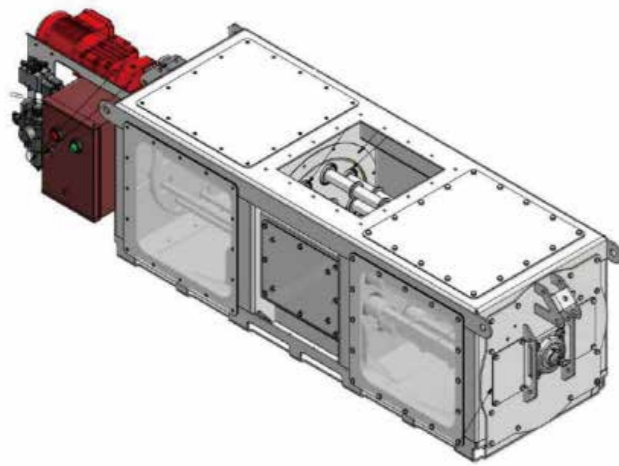
Regular Specifications

Series	Pipe Diameter (mm)	Pipe Pressure (bars)	Easy Flow Material Handling Capacity (m3/h)	Poor Flow Material Handling Capacity (m3/h)
GHREN0200	150	6	9	9
GHREN0300	250	8	22	22
GHREN0300	250	12	14	14

Import and export sizes and specifications can be customized according to customer requirements.

Automatic Easy To Clean Rotating Grille

Compared with the easy-to-clean rotary grille, the manual control device is used to automatically remove the iron in the bonded or easily blocked material without manual pulling, and the production line needs to be stopped. The automatic cleaning system sets the automatic iron removal frequency and interval time based on the iron content.



PIPE TYPE METAL SEPARATOR

Regular Specifications

Series	Square Box Size (TM1)	Easy Flow Material Handling Capacity (m3/h)	Poor Fluid Handling Capacity (m3/h)
GHXAEN0250	250	40	22
GHXAEN0350	350	60	30
GHXAEN0400	400	90	45

Import and export sizes and specifications can be customized according to customer requirements.

Metal Filter Equipment

RAP type pipeline metal separator is mainly used for detecting loose granular materials (particles <8mm) in gravity self-flow mode. It can be used in plastics industry, food industry, chemical industry, etc.

Working Principle

The raw material passes through the pipeline metal detector in the form of falling, and when the metal is detected, the separation baffle is started immediately, and the raw material containing the metal particles is quickly removed from the separation port. After the elimination, the normal cutting action is resumed, and the metal is repeated after detecting the metal.

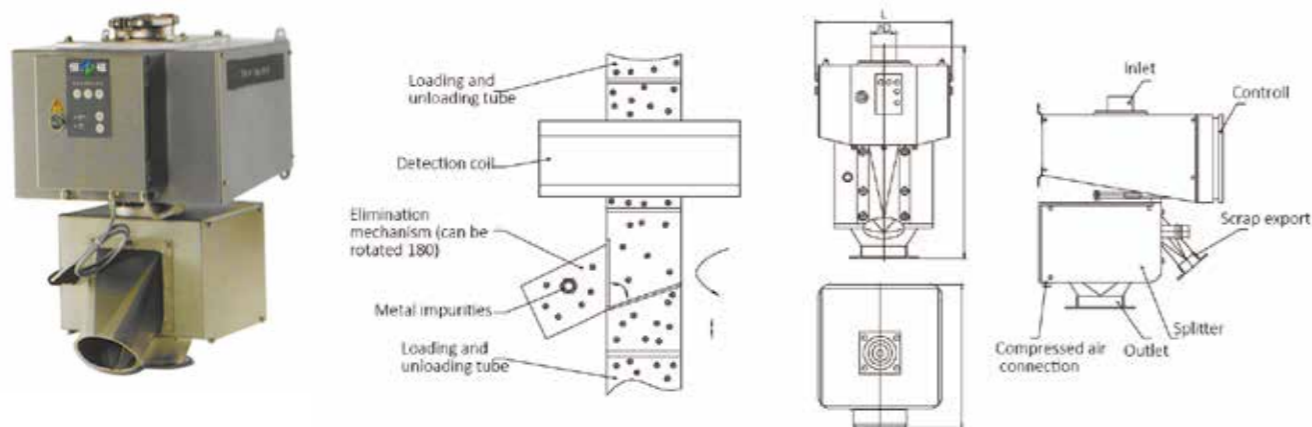
Application Features

The collection detection coil, controller, and separation device are integrated into one body, which is easy to install and use. Quick culling through active piracy minimizes material loss. The mounting height is small for easy integration. Stainless steel reject mechanism, 180° rotation, easy to discharge waste.

Detecting Material Characteristics

dry, good fluidity, no long fiber, particle R inch is less than 8mm. Less than 80 ° C

Schematic Diagram



Regular Specifications

Model	Feed Pipe Diameter D mm	Total Length L mm	Total Width W mm	Total Height H mm
RAP-30~70	With model	318.5	375	481
RAP-100~120	With model	387.5	385	582
RAP-200~250	With model	537.5	565	970

Import and export sizes and specifications can be customized according to customer requirements.

PRODUCT SELECTION GUIDE

Complete Supply Range.

- 1 · Host: iron remover.
2. Auxiliary machine: control cabinet, hanging device, walking device, discarded iron box, cable.

Product Quality Assurance.

1. RCY permanent magnet and RCD electromagnetic two major types of iron remover, passed the 1509001 certification, and been audited and registered by China Import and Export Corporation Crystal Inspection Corporation Quality Certification Center, and supervised.
2. The company has established a five-guarantee system (design, production, quality inspection, delivery, after-sales service) for product quality.
3. Forever touch iron remover passed the identification of the Ministry of Coal in 1994, the permanent magnet core core provides eight years of quality guarantee; the electromagnetic iron remover won the title of provincial excellent product in 1998, and the electric core provided three-year quality guarantee.

Selection Principle

If the user demanding for miscellaneous iron remove all rate, more, more like a sphere in the miscellaneous iron manganese steel, grain size is larger.

Thick material Suggestions Can choose super iron remove Super model choose ordinary iron remover, namely large level or choose two levels.

Multistage in addition to iron, the general should be not less than two levels of iron. Should as far as possible make levels after iron removal ability is higher than before.

Belt conveyor 1400 mm below the appropriate chooses CYD series of permanent magnet dump iron remover.

more than 1600 mm belt conveyor is recommended.

As far as possible, using electromagnetic disk or electromagnetic dump iron remover.

Power capacity restriction, appropriate chooses permanent magnetic iron remover.

Using the environment dust serious of place choose closed structure of the iron remover iron remover is installed in the middle of the belt conveyor, to improve the effect of iron removal, can be added under the tape WCG series magnetic roller Our company provides iron remover is universal. Such as special use, the environment, the company will make a special design for the user Note: this manual is to provide various series product appearance size, parameters for the use of model reference only and are subject to change without Notice

Ordering Instructions

Equipment name, specifications, quantity and special requirements.

Delivery time, place, receiving unit, shipping method (railway. highway) requirements.

User's transmission broadband, belt speed, Angle, thickness, material properties, grain size, humidity, impurity iron particle size, properties Environmental temperature, humidity, dust, installation position and space size.

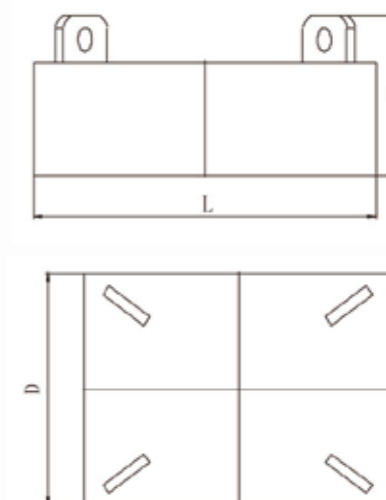
HANGING PERMANENT MAGNET SERIES

Rcyb Permanent Magnet Manual Iron Remover

RCYB series suspended permanent magnet iron remover uses high coercivity and high remanence "NdFeB" material to form magnetic system. It has maintenance-free, strong magnetic force, long service life, 5 easy installation, light weight, easy to use and run. Reliable and other advantages, suitable for the removal of iron in non-magnetic materials on belt conveyors, vibrating conveyors, electromagnetic vibrating feeders, and chute chutes. Remove 0.1-35kg of ferromagnetic material, the internal permanent magnet magnetic system has a service life of more than 10 years. The technical indicators of this product are in line with JB/T 8711-2006 standard.

When there is more ferromagnetic material adsorbed at the bottom of the iron remover, it is manually removed with a non-magnetic scraper or gloves, which is suitable for continuous work and less iron.

Schematic Diagram



Regular Specifications

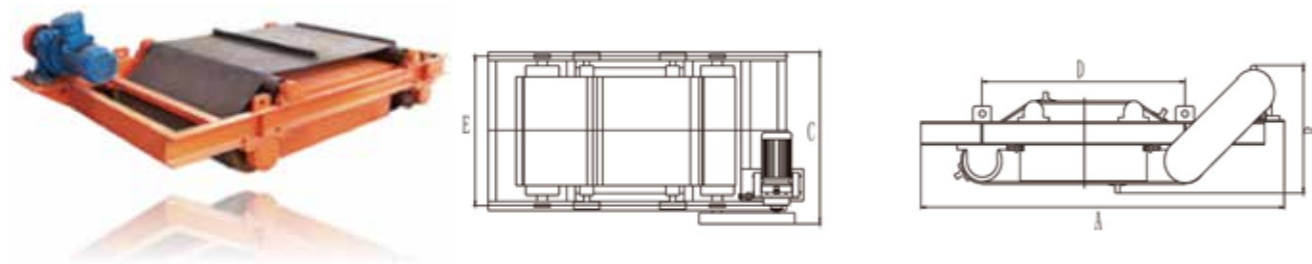
Model	Adapt To Bandwidth mm	Rated Lifting Height h mm	Magnetic Field Strength mT	Material Thickness ≤mm	Adaptation Speed ≤ m/s	Weight kg	Dimensions mm		
							L	D	H
RCYB-4	400	125	70	60	4.5	105	400	300	220
RCYB-4-1	400	75	70	30		65	400	250	150
RCYB-5	500	150	70	90		198	500	350	260
RCYB-5-1	500	100	70	50		96	500	280	180
RCYB-6	600	175	70	120		295	600	450	280
RCYB-6-1	600	130	70	60		158	600	360	180
RCYB-6.5	650	200	70	150		380	650	600	300
RCYB-6.5-1	650	175	70	100		310	650	600	110
RCYB-8	800	250	70	200		550	900	800	360
RCYB-8-1	800	200	70	150		420	800	500	310
RCYB-10	1000	300	70	250		1180	1100	1000	380
RCYB-10-1	1000	250	70	200		510	1000	960	160
RCYB-12	1200	350	70	300		1670	1300	1300	420
RCYB-14	1400	400	70	350		2150	1500	1500	420
RCYB-16	1600	450	70	400		2850	1750	1750	460

Import and export sizes and specifications can be customized according to customer requirements.

Rcyd Permanent Magnet Self-unloading Iron Remover

RCYD series permanent magnet belt type iron remover is composed of high-performance permanent magnet core, discarding iron belt, geared motor, gantry, roller (seamless tube processed into waist-shaped belt anti-belt deviation), etc., and is matched with various conveyors. use. Used to automatically remove 0.1-35kg of ferromagnetic material from non-magnetic materials. The internal magnetic circuit adopts computer simulation design and perfect double magnetic pole structure to ensure the long-term operation of the whole machine in a harsh environment without trouble. It can be used for the improvement and purification of raw material grades, as well as for the recovery of magnetic substances.

Schematic Diagram



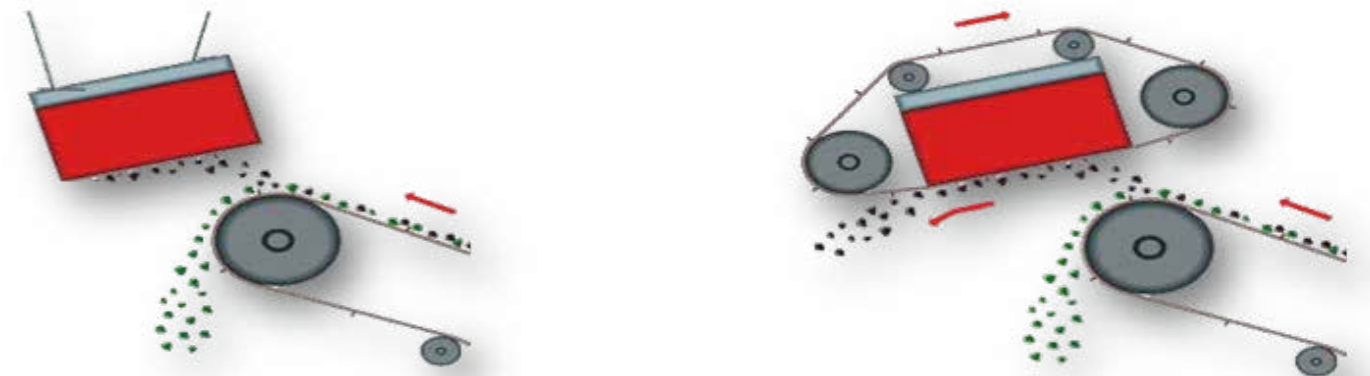
Regular Specifications

Model	Item	Adapt To Bandwidth mm	Rated Lifting Height h mm	Magnetic Field Strength mT	Motor Power kw	Dimensions mm					Weight
						A	B	c	D	E	
RCYD-6 5	T1	650	200	70	1-5	2010	656	1030	1200	888	1200
	T2	650	200	90	2.2	2010	656	1030	1200	888	1300
	T3	650	200	120	2.2	2010	656	1030	1200	888	1420
	T3	650	200	160	2.2	2010	656	1030	1200	888	1750
RCYD-8	T1	800	250	70	2.2	2271	704	1230	1386	1088	1400
	T2	800	250	90	2.2	2271	704	1230	1386	1088	1920
	T3	800	250	120	2.2	2271	704	1230	1386	1088	2180
	T3	800	250	150	3.0	2271	704	1230	1386	1088	2820
RCYD-10	T1	1000	300	70	3.0	2608	706	1486	1660	1335	2120
	T2	1000	300	90	3.0	2608	706	1486	1660	1335	2350
	T3	1000	300	120	3.0	2608	706	1486	1660	1335	2700
	T3	1000	300	160	4.0	2648	726	1486	1660	1335	3680
RCYD-12	T1	1200	350	70	4.0	3006	805	1662	2000	1515	2650
	T2	1200	350	90	4.0	3006	805	1662	2000	1515	3250
	T3	1200	350	120	5.5	3006	805	1662	2000	1515	4100
	T3	1200	350	150	5.5	3006	805	1662	2000	1515	5150
RCYD-14	T1	1400	400	70	4.0	3135	825	1909	1800	1755	3860
	T2	1400	400	90	4.0	3135	825	1909	1800	1755	4800
	T3	1400	400	120	5.5	3135	825	1909	1800	1755	5600
	T3	1400	400	150	5.5	3135	825	1909	1800	1755	7450
RCYD-16	T1	1600	450	70	5.5	3350	845	1961	2390	1825	4390
	T2	1600	450	90	5.5	3350	845	1961	2390	1825	6200
	T3	1600	450	120	5.5	3350	845	1961	2390	1825	7750
	T3	1600	450	160	7.5	3370	885	1961	2390	1825	8790
RCYD-18	T1	1800	500	70	5.5	3590	870	2175	2600	2025	5830
	T2	1800	500	90	7.5	3610	910	2175	2600	2025	8600
	T3	1800	500	120	7.5	3610	910	2175	2600	2025	10850
	T3	1800	500	160	11	3610	910	2175	2600	2025	14800
RCYD-20	T1	2000	550	70	7.5	3830	895	2423	2840	2229	7120
	T2	2000	550	90	7.5	3830	895	2423	2840	2229	11500
	T3	2000	550	120	11	3830	895	2423	2840	2229	14270
	T3	2000	550	150	11	3830	895	2423	2840	2229	19260

Import and export sizes and specifications can be customized according to customer requirements.

Iron Removal Installation Method

Iron Removal Head Installation Diagram



The Middle Part Of The Iron Removal Installation Diagram.



Thermal Current And Temperature Rise Of Electromagnetic Iron Remover

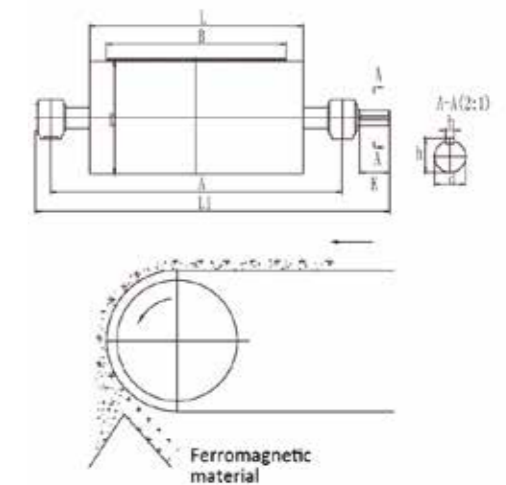
After the electromagnetic separator is used for a period of time under the rated energization duration TD, the internal temperature rise of the electromagnetic separator will gradually increase due to the heating of the coil resistor, and the temperature rise will be saturated in about one shift (8-10 hours). At this time, the coil resistance increases as the temperature rises. When the temperature rise reaches saturation, the coil resistance no longer increases, and its resistance value is called a hot resistance, and the corresponding current is called a hot rated current. The operating current of the electromagnetic separator should be greater than or equal to its hot rated current. Otherwise, you should suspend use and find the cause.

PERMANENT MAGNET ROLLER SERIES

Rct Full Magnetic Cylinder

The RCT type full magnetic roller is equivalent to the RCTG series, also known as a magnetic pulley or a dry bulk magnetic separator. The interior uses a high-performance magnetic material to form a strong magnetic system, which has the characteristics of high magnetic field strength, large depth, simple structure, convenient use, no maintenance, no power consumption, and low demagnetization rate. Can be used in cement, magnetic separation, mining, steel, chemical, refractory materials, waste treatment and other industries. It can be used in combination with TD-75 and AD-80 universal fixed belt conveyors instead of the driving wheel. It can also be matched with special belt conveyors.

Schematic Diagram



Regular Specifications

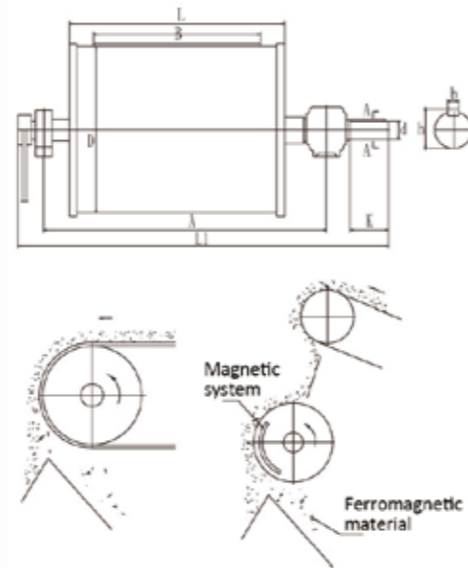
Model	Tube Table High Magnetic Field Intensity Gs	Belt Speed ≤ m/s	Materials Thickness ≤mm	Weight kg	Dimensions mm								
					A	B	Dφ	L	L1	K	dφ	h	b
RCT-32/40	1500~8000	4.5	40	150	728	400	320	500	962	100	45	48.5	14
RCT-32/50	1500~8000		60	198	850	500	320	600	1097	115	50	53.5	14
RCT-40/50	1500~8000		80	250	850	500	400	600	1097	115	55	60	16
RCT-50/50	1500~8000		100	370	850	500	500	600	1097	115	55	60	16
RCT-32/65	1500~8000		70	205	910	650	320	750	1280	135	65	69	18
RCT-40/65	1500~8000		100	405	1000	650	400	750	1280	135	65	69	18
RCT-50/65	1500~8000		130	520	1000	650	500	750	1280	135	70	76	20
RCT-50/80	1500~8000		100	610	1300	800	500	950	1580	135	70	76	20
RCT-65/80	1500~8000		130	720	1300	800	650	950	1661	175	70	76	20
RCT-80/80	1500~8000		150	980	1300	800	800	950	1661	175	90	97	24
RCT-65/100	1500~8000		130	710	1300	1000	650	1150	1861	175	90	97	24
RCT-80/100	1500~8000		170	1200	1500	1000	800	1150	1954	215	90	97	24
RCT-65/120	1500~8000		100	1500	1750	1200	650	1400	2195	215	110	119	32
RCT-100/120	1500~8000		200	1890	1750	1200	1000	1400	2270	255	110	119	32
RCT-100/140	1500~8000		230	2160	2000	1400	1000	1600	2445	255	110	119	32
RCT-125/160	1500~8000		260	2800	2150	1600	1250	1800	2600	255	120	129	32

Import and export sizes and specifications can be customized according to customer requirements.

CTZ Type Midfield Strong Semi-magnetic Roller

CTZ type medium-field strong semi-magnetic drum (CTZ type medium-field strong magnetic drum structure is equivalent to RCT type parameter), which is mostly used for purifying powder, granular and small block materials, or recycling iron. It provides reliable protection against damage and wear of crushers, grinders and presses. It is easy to install, strong in suction, no energy consumption, continuous operation and simple operation. According to the standard design of TD-75 belt conveyor, it can meet the requirements of users for high field strength and large depth iron removal. Widely used in metallurgy, ceramics, abrasives, abrasives, silicon carbide, non-metallic minerals, refractory materials, mining, food, chemical, glass, building materials and other industries.

Schematic Diagram



Regular Specifications

Model	Bore Diameter D mm	Adapt Bandwidth B mm	Tube Length L mm	Highest Cylinder Induction Strength GS	Tube Length L mm	Powder Iron Removal Powder T/h	Weight kg	A	L1	K	dΦ	h	b
CTZ-32/40	320	400	500	1500~8000	0.8	10	120	728	1010	100	50	53.5	14
CTZ-32/50	320	500	600	1500~8000	1	15	150	850	1115	115	50	53.5	14
CTZ-40/50	400	500	600	1500~8000	2	20	240	850	1350	115			
CTZ-50/50	500	500	600	1500~8000	3.5	30	360				55	60	16
CTZ-32/65	320	650	750	1500~8000	2	20	210	1000	1350				
CTZ-40/65	400	650		1500~8000	2.8	30	350						
CTZ-50/65	500	650	750	1500~8000	4.5	40	420	1000	1630	135	60	64	18
CTZ-63/65	630	650		1500~8000	7	45	830				90	97	24
CTZ-40/80	400	800		1500~8000	8	55	470						
CTZ-50/80	500	800	950	1500~8000	10	65	600		1730		70	76	20
CTZ-63/80	630	800		1500~8000	10	80	800	1300		175			
CTZ-80/80	800	800		1500~8000	12	100	980		2000				
CTZ-63/100	630	1000	1150	1500~8000	12	120	1200				90	97	24
CTZ-80/100	800	1000	1150	1500~8000	15	140	1300	1500		215	110	119	32
CTZ-100/120	1000	1200	1400	1500~8000	20	180	1580	1750	2270	255	130	140	36
CTZ-125/140	1250	1400	1600	1500~8000	30	250	1950	2000	2555	275	150	161	40

Import and export sizes and specifications can be customized according to customer requirements.

CGT Super Strong Magnetic Roller

CGT type super full magnetic roller is mainly used to remove ferromagnetic impurities in powder, flake and granular raw materials. It is widely used in ceramics, electric power, mining, plastics, chemicals, rubber, pharmaceutical, food, environmental protection, pigments, dyes, electronics, metallurgical and other industries.

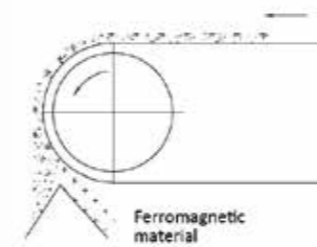
Protection Level

The CGT Super Full Magnetic Roller can be mounted on the motor of the conveyor to form a magnetic separator with the conveyor. When the iron-containing material passes, it is attracted by the magnetic roller, and the iron is scraped off by an external force such as a scraper to separate the mixed iron from the material to ensure the integrity of the device and the safety of the product.

Characteristics

No energy consumption, no pollution, simple structure, easy to use, more thorough iron removal, the effect is more significant. This product uses rare earth alloy ferrosilicon as the magnetic source and is made by special manufacturing methods. Strong magnetic force, long service life, specifications and styles can be customized according to customer requirements and site conditions. It is suitable for occasions where the iron removal requirements are stricter and the iron removal amount is larger.

Schematic Diagram



Regular Specifications

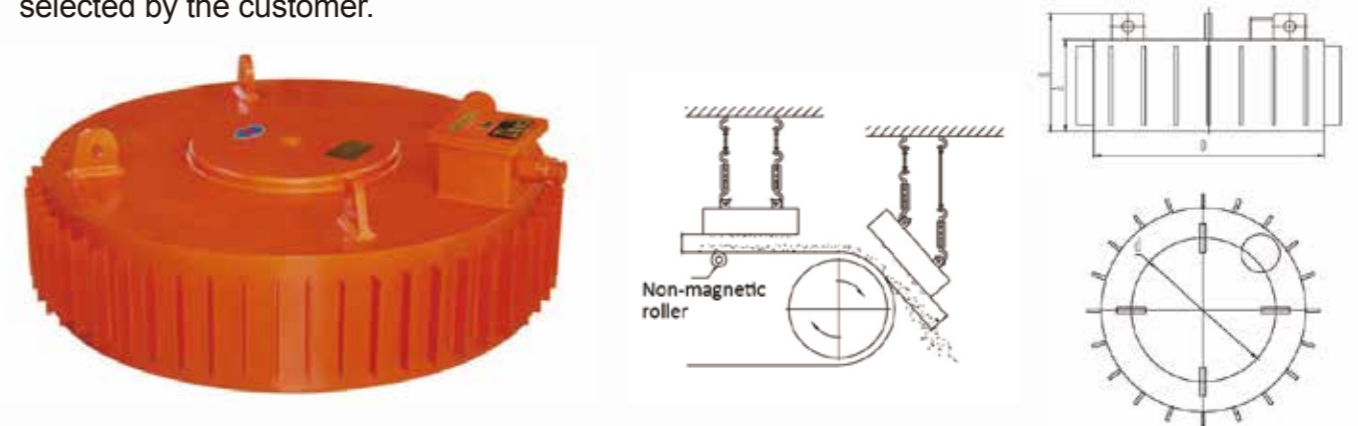
Roller Outer Diameter mm	Surface Maximum Magnetic Field Strength Gs	Remarks
050	13000	Other specifications such as the length of the drum can be customized according to customer requirements.
080	13000	
0100	14000	
0150	15000	
0160	15000	
0220	16000	
0380	16000	
0500	16000	
0600	16000	
0800	16000	
01000	16000	

Import and export sizes and specifications can be customized according to customer requirements.

HANGING ELECTROMAGNETIC IRON REMOVER SERIES

RCDB Type Self-cooling Disc Type Electromagnetic Iron Remover

The RCDB self-cooling disc type electromagnetic iron remover is equivalent to the PDC series disc type electromagnetic iron remover and the RCDY series electromagnetic iron remover. It is a de-ironing device for removing iron in powdery or bulk non-magnetic materials. The interior is made of electric resin-specific resin, self-cooling and fully sealed structure, featuring large magnetic permeability, strong suction, dustproof, rainproof and corrosion resistant, and can still operate reliably in extremely harsh environments. The equipment of the walking device can be selected by the customer. The RCDB self-cooling disc type electromagnetic iron remover is equivalent to the PDC series disc type electromagnetic iron remover and the RCDY series electromagnetic iron remover. It is a de-ironing device for removing iron in powdery or bulk non-magnetic materials. The interior is made of electric resin-specific resin, self-cooling and fully sealed structure, featuring large magnetic permeability, strong suction, dustproof, rainproof and corrosion resistant, and can still operate reliably in extremely harsh environments. The equipment of the walking device can be selected by the customer.

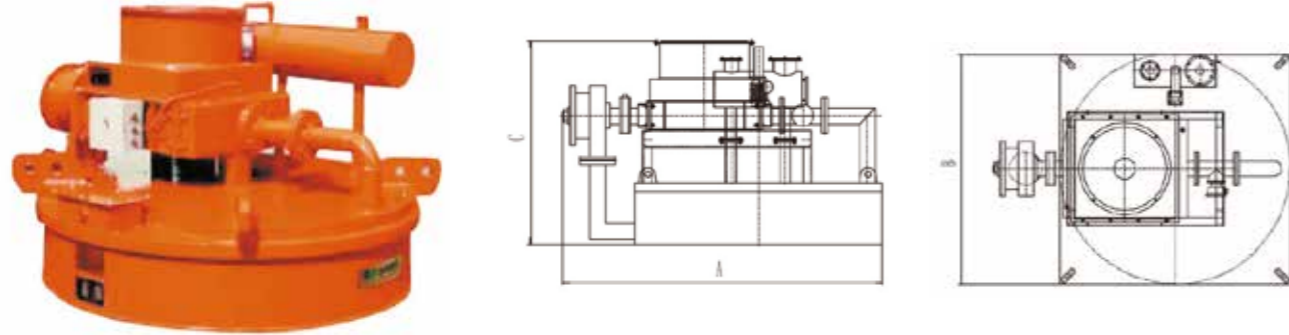


Model	Adapt Belt Width mm	Suspension Height h mm	Strength Of The Magnetic Field Mt	Material Thickness ≤mm	Excitation Power ≤kw	Adapt Belt Speed ≤m/s	Weight kg	Specification mm			
								A	B	DΦ	dΦ
RCDB-3	300	75	70	50	04		185	210	250	400	280
RCDB-4	400	100	70	70	06		300	240	260	500	400
RCDB-5	500	150	70	90	1		430	280	325	610	450
RCDB-6	600	175	70	120	1.6		580	280	325	710	500
RCDB-6.5	650	200	70	150	2		680	280	325	816	640
RCDB-8	800	250	70	200	36		950	310	355	960	780
RCDB-10	1000	300	70	250	5		1520	310	360	1200	920
RCDB-12	1200	350	70	300	6.8		2250	310	365	1400	1000
RCDB-14	1400	400	70	350	9		2950	405	485	1650	1400
RCDB-16	1600	450	70	400	13		4800	460	540	1900	1650
RCDB-18	1800	500	70	450	18		6900	530	610	2150	1800

Note: 1. RCDB-3-RCDB-8 model, no fin fin type heat sink is required on the main body casing. The RCDB-10 ~ RCDB-18 models feature a wave fin heat sink for increased heat dissipation.
2. Each model of this series has the design of T1, T2 and T3 products which are higher than the national standard. The magnetic field strength of the rated lifting height is 90mT, 120mT and 150mT respectively.

RCDEJ Type Forced Oil Circulation Electromagnetic Iron Remover

RCDEJ type forced oil circulation electromagnetic iron remover is suitable for places with high requirements for iron removal, such as coal handling ports, large thermal power plants and coal mines. It is used to hang above the large conveyor belt, which can effectively remove fine iron parts such as detonator gun wire in coal. It plays an important role in removing iron and improving material quality. It can be used in harsh environments with dust, moisture and salt spray corrosion. run.



Model	Adapt Belt Width mm	Suspension Height mm	Strength Of The Magnetic Field mT	Excitation Power kw	Blower Power kw	Specification mm AxBxC	Total Weight kg
RCDEJ-10	1000	300	90	6.5	0.25	1700x1300x1210	2600
			120	9.5	0.25	1700x1300x1250	2900
			150	15	0.25	1750x1350x1280	3470
RCDEJ-12	1200	350	90	9	0.25	1750x1350x1250	2900
			120	14	0.25	1750x1350x1280	3500
			150	20	0.25	2000x1600x1380	5400
RCDEJ-14	1400	400	90	14	0.25	1750x1350x1280	3000
			120	20	0.25	2000x1600x1420	5500
			150	29	0.25	2230x1830x1450	7460
RCDEJ-16	1600	450	90	18	0.25	2000x1600x1420	5400
			120	28	0.25	2230x1830x1450	7500
			150	32	0.25	2350x1950x1480	8550
			175	52	0.75	2570x2170x1550	10200
			200	70	0.75	2570x2170x1600	11875
			225	85	1.1	2570x2170x1650	14250
			250	104	2x0.55	2570x2170x1720	15500
RCDEJ-18	1800	500	90	26	0.75	2250x1850x1480	7600
			120	32	0.75	2350x1950x1480	8600
			150	40	0.75	2460x2060x1500	10500
			175	56	0.75	2600x2200x1600	15600
			200	75	0.75	2650x2250x1650	17600
			225	90	1.1	2700x2300x1700	18500
			250	107	2x0.55	2750x2350x1720	19200
RCDEJ-20	2000	550	90	30	0.75	2400x2000x1480	8800
			120	39	0.75	2500x2100x1500	10600
			150	41	0.75	2660x2260x1500	12500
			175	70	2x0.55	2750x2350x1620	21600
			200	83	2x0.55	2820x2420x1650	22500
			225	104	2x0.55	2870x2470x1680	23900
			250	125	2x0.55	2900x2500x1750	25600
RCDEJ-22	2200	600	90	39	0.75	2460x2060x1500	10500
			120	42	0.75	2660x2260x1520	12800
			150	45	0.75	2900x2500x1520	13500
			175	100	2x0.55	2920x2520x1650	24200
			200	121	2x0.55	2950x2550x1680	26500
			225	153	2x0.55	3000x2600x1700	27750
			250	176	2x0.55	3050x2650x1760	29400

Import and export sizes and specifications can be customized according to customer requirements.

RCDE Oil-cooled Electromagnetic Iron Remover

RCDE oil-cooled electromagnetic iron remover, internal internal and external oil circulation heat pipe design and internal excitation, coil unique winding technology, fully sealed structure, magnetic, dustproof, rainproof, corrosion resistant, continuous working Longevity and other characteristics.

Schematic Diagram



Regular Specifications

Mode	Item	Adapt Belt Width mm	Suspension Height mm	Strength Of The Magnetic Field mT	Excitation Power kw	Specification mm A	Specification mm B	Specification mm C	Specification ≤ m/s	Weight Kg
RCDE-6.5	T1	650	200	90	3.0	1090	710	860	4.5	950
	T2			120	5.0	1090	750	890		1200
	T3			150	8.0	1090	750	920		1470
RCDE-8	T1	800	250	90	5.0	1180	900	920	4.5	1570
	T2			120	9.0	1180	900	960		2000
	T3			150	13.0	1180	900	1010		2470
RCDE-10	T1	1000	300	90	7.5	1380	1100	1030	4.5	2430
	T2			120	12.5	1380	1100	1090		3090
	T3			150	16.5	1380	1100	1120		3850
RCDE-12	T1	1200	350	90	10.0	1600	1300	1150	4.5	3500
	T2			120	14.0	1600	1300	1210		4550
	T3			150	21.0	1600	1300	1250		5640
RCDE-14	T1	1400	400	90	14.0	1780	1460	1270	4.5	4950
	T2			120	18.0	1780	1460	1300		6990
	T3			150	26.0	1780	1460	1350		7940
RCDE-16	T1	1600	450	90	15.0	1980	1600	1340	4.5	6770
	T2			120	22.0	1980	1600	1400		8720
	T3			150	32.0	1980	1600	1460		10820
RCDE-18	T1	1800	500	90	19.0	2050	1950	1440	4.5	9000
	T2			120	28.0	2050	1950	1540		11790
	T3			150	38.0	2050	1950	1610		14800
RCDE-20	T1	2000	550	90	24.0	2660	2300	1540	4.5	12100
	T2			120	32.5	2660	2300	1610		15300
	T3			150	45.0	2660	2300	1650		19200
RCDE-22	T1	2200	600	90	28.0	2410	2610	1630	4.5	15300
	T2			120	36.0	2410	2610	1660		18600
	T3			150	52.0	2410	2610	1690		22930

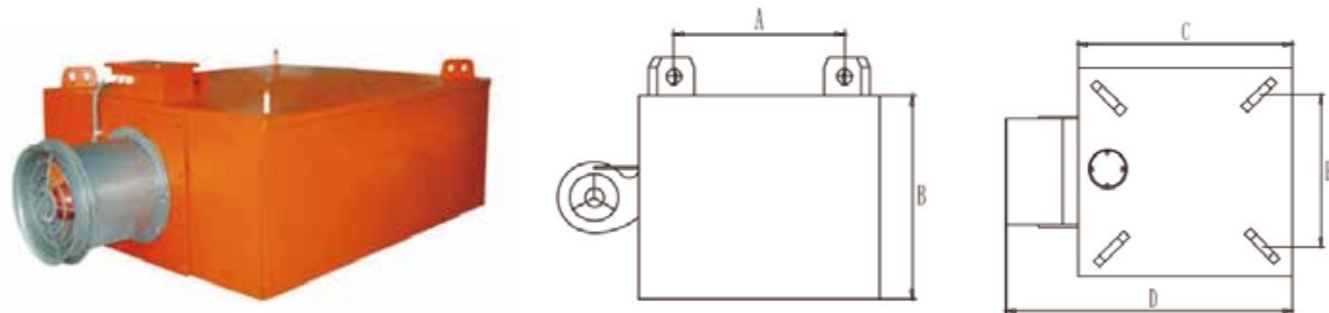
Import and export sizes and specifications can be customized according to customer requirements.

RCDA Type Air-cooled Electromagnetic Iron Remover

RCDA air-cooled electromagnetic iron remover is suitable for use in open air or various light dust environments. The coil is specially treated, anti-oxidation, anti-corrosion, good insulation performance; large heat dissipation area, stable temperature rise and good air-cooling effect.

The RCDA-T super air-cooled electromagnetic iron remover has a unique internal magnetic circuit design, deep magnetic permeability, large suction force, and the suction force is much larger than the national standard iron remover. The axial flow fan is forced to be air-cooled, and the air volume is large, so that the iron remover has fast heat dissipation and low temperature rise, and the iron remover has no trouble and long-term work.

Schematic Diagram



Regular Specifications

Mode	Item	adapt Belt Width mm	Suspension Height h mm	Strength Of The Magnetic Field mT	Excitation Power kw	Blower Power kw	Specification mm			Adapt Belt Speed ≤ m/s	Weight kg
							C	D	B		
RCDA-6.5	T1	650	200	90	3.0	0.37	1090	1100	570	4.5	750
	T2			120	5.0	0.75	1090	1100	600		1000
	T3			150	8.0	1.1	1090	1100	625		1270
RCDA-8	T1	800	250	90	5.0	0.37	1180	1260	650	4.5	1170
	T2			120	9.0	0.75	1180	1260	700		1700
	T3			150	13.0	1.1	1180	1260	750		2170
RCDA-10	T1	1000	300	90	7.5	0.75	1380	1480	730	4.5	2030
	T2			120	12.5	1.1	1380	1480	780		2690
	T3			150	16.5	1.5	1380	1480	850		3450
RCDA-12	T1	1200	350	90	10.0	1.5	1600	1620	860	4.5	3000
	T2			120	14.0	1.5	1600	1620	910		4050
	T3			150	21.0	2.2	1600	1620	920		5140
RCDA-14	T1	1400	400	90	14.0	1.5	1780	1860	920	4.5	4350
	T2			120	18.0	0.75x2	1780	1860	1000		6390
	T3			150	26.0	0.75x2	1780	1860	1100		7340
RCDA-16	T1	1600	450	90	15.0	1.5	1980	2060	1100	4.5	6070
	T2			120	22.0	1.1x2	1980	2060	1130		8020
	T3			150	32.0	1.5x2	1980	2060	1170		10120
RCDA-18	T1	1800	500	90	19.0	1.1x2	2050	2300	1120	4.5	8200
	T2			120	28.0	1.5x2	2050	2300	1200		10780
	T3			150	38.0	2.2x2	2050	2300	1250		13350
RCDA-20	T1	2000	550	90	24.0	1.5x2	2660	2500	1250	4.5	10800
	T2			120	32.5	2.2x2	2660	2500	1350		13900
	T3			150	45.0	2.2x2	2660	2500	1380		17230
RCDA-22	T1	2200	600	90	28.0	1.5x2	2410	2700	1400	4.5	13900
	T2			120	36.0	2.2x2	2410	2700	1430		17830
	T3			150	52.0	3.0x2	2410	2700	1450		21430

Import and export sizes and specifications can be customized according to customer requirements.

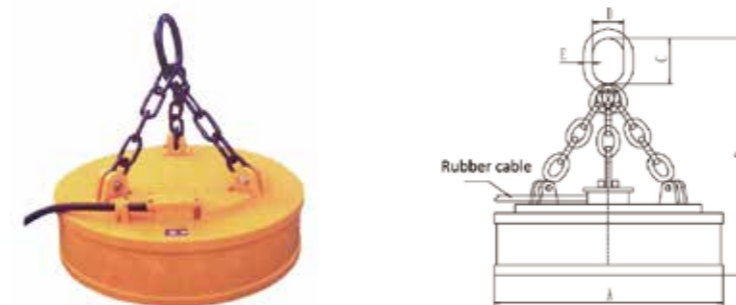
MW5 Lifting Electromagnet

The MW5 lifting electromagnet adopts a fully sealed structure, which has good dustproof and moistureproof performance. The excitation coil is processed by a special process, and the heat resistance grade of the insulation material reaches c grade, which improves the electrical and mechanical properties of the coil and prolongs the service life. Easy to install and maintain, reliable operation. It is suitable for the lifting of steel and other magnetic materials in the industries of metallurgy, mining, machinery manufacturing, transportation and other industries.

Selection

1. When the temperature of the sucking material is lower than 100 °C, please use the normal temperature type. When the temperature exceeds 100 °C, please use the high temperature type.
2. Normal temperature, rated voltage DC-220V, power supply continuation rate TD-60% power supply continuous rate exceeds 60%, please use high frequency type.
3. When sipping materials in the water, please use the diving type (dive depth <100m). The parameters of the submersible electromagnet are the same as those of the normal temperature type.
4. ambient temperature: normal temperature type -5 °C ~ 40 °C, high temperature type -5 °C ~ 50 °C. The altitude does not exceed 2000m.
5. Equipment matching: When using a single unit, select the rectification control equipment and auxiliary equipment according to the power consumption (current); when multiple units are used together, select the power consumption (current) of the combined number.

Schematic Diagram



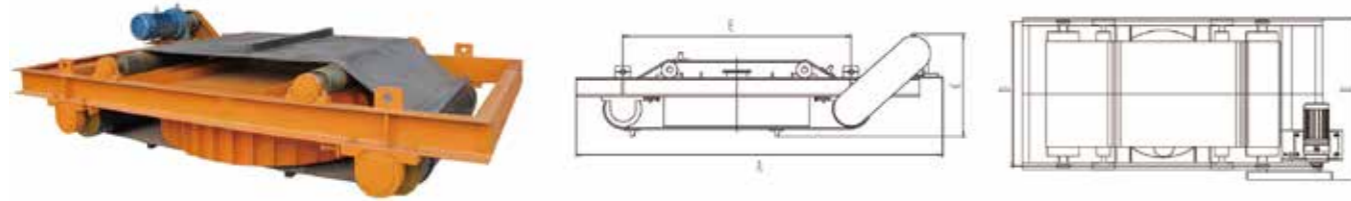
Regular Specifications

Model		MW5-70L/1	MW5-80L/1	MW5-90L/1	MW5-110L/1	MW5-120L/1	MW5-130L/1	MW5-150L/1	MW5-165L/1	MW5-180L/1	MW5-210L/1	MW5-240L/1
Dimensions	A	700	800	900	1100	1200	1300	1500	1650	1800	2100	2400
	B	850	860	1090	1140	1100	1240	1250	1590	1490	1860	2020
	C	160	160	200	220	220	250	350	370	370	400	450
	D	90	90	125	150	150	175	210	230	230	250	280
	E	30	30	40	50	45	60	60	75	75	80	90
Self weight		kg	500	620	810	1350	1700	2100	2800	3200	4200	9000
Cold current		A	15.0	18	26.6	35	45.5	54	71.2	75	102.4	123
Power consumption		kw	3.3	3.96	5.86	7.7	10	11.9	15.6	15.6	22.5	27
Lifting capacity	Steel ball	kg	2500	3000	4500	6500	7500	8500	11000	12500	14500	21000
	Cast iron ingot	kg	380/200	480/250	600/400	1000/800	1300/1000	1400/1100	1900/1500	2300/1800	2750/2100	3500/2800
	Cutting head	kg	380/200	480/250	600/400	1000/800	1300/1000	1400/1100	1900/1500	2300/1800	2750/2100	3500/2800
	Cast iron chip	kg	120/100	150/130	250/200	450/400	600/500	700/600	1100/900	1300/1100	1600/1350	2200/1850
Equipment set	Cable connector	DL-102										
	Rectifier control cabinet	JTA100-10-2			JTA200-15-2							

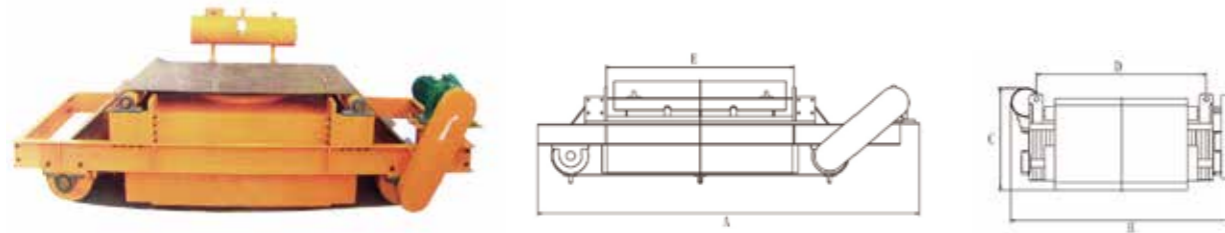
Import and export sizes and specifications can be customized according to customer requirements.

OTHERS

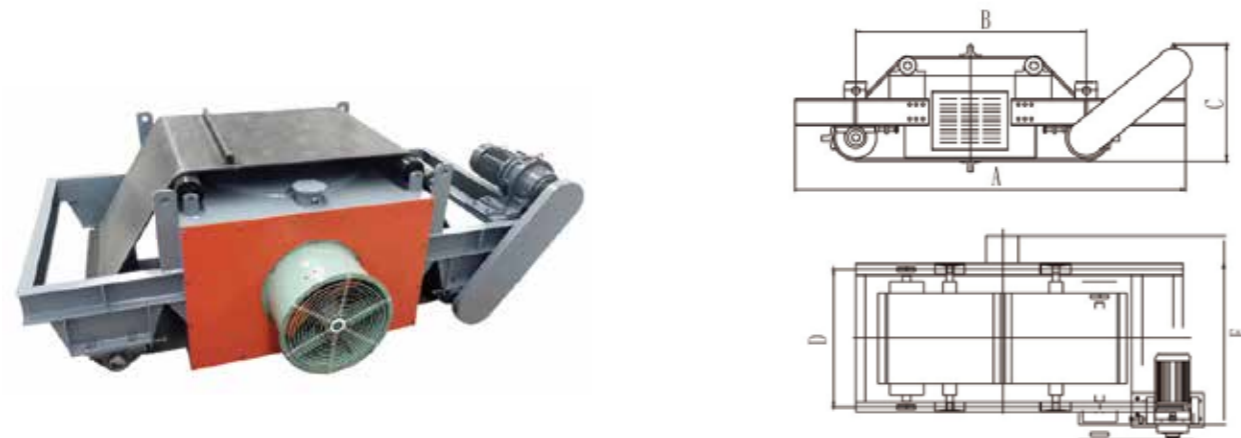
RCDD self-cooling self-unloading electromagnetic iron remover



RCDF oil-cooled self-unloading electromagnetic iron remover



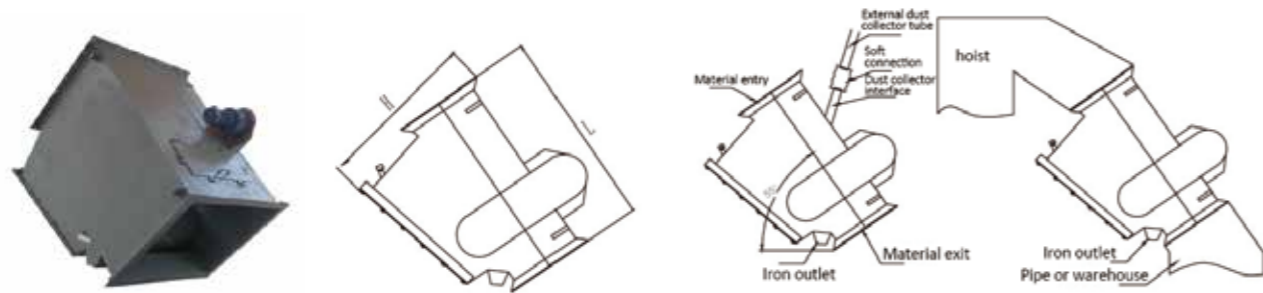
RCDC type air-cooled self-unloading electromagnetic iron remover



HANGING ELECTROMAGNETIC IRON REMOVER SERIES

RCDE Oil-cooled Electromagnetic Iron Remover

This equipment is mainly used for the iron removal of cement, water slag and other powdery and small granular materials. It can automatically recover iron impurities and turn waste into treasure. The machine has stable performance, high iron removal rate, convenient use, high-performance wear-resistant ceramics, does not affect the magnetic field, and the wear life is guaranteed for more than 5 years. It is a new generation of energy-saving and efficient iron removal equipment. Products are widely used in cement, ceramics, building materials, chemicals, food, glass, metallurgy, steel, electricity and other industries.



Characteristics

- Material temperature: <math><125^{\circ}\text{C}</math> (can be replaced with high temperature resistant magnet when it exceeds this temperature)
- Pipe inclination: 55~60 (optimum installation angle)
- Pipeline negative pressure: 2-50Pa
- Ambient temperature: <math><45^{\circ}\text{C}</math>
- Use place: indoor (for outdoor use with rain protection facilities)
- Best installation location: bucket elevator lower exit

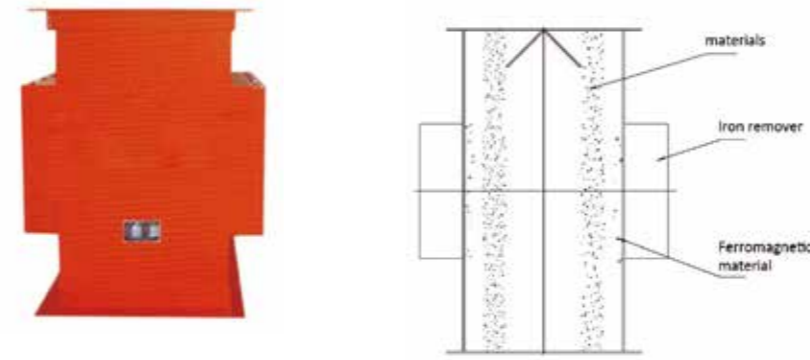
Regular Specifications

Model	Optimal Throughput T/h	Maximum Throughput T/h	Iron Particle Size mm	Motor Power kw	Weight kg	Long Form Factor mm LxWxH	Connection Size mm AxA
RCYG-30	30	50	≤ 30 Adjustable	0.37	160	950x400x850	300x300
RCYG-50	50	80	≤ 50 Adjustable	0.37	280	1000x450x900	350x350
RCYG-100	100	150	≤ 60 Adjustable	0.37	430	1100x510x970	400x400
RCYG-150	150	200	≤ 60 Adjustable	0.55	510	1250x610x1070	500x500
RCYG-200	200	300	≤ 100 Adjustable	0.55	620	1400x740x1380	600x600
RCYG-300	300	500	≤ 120 Adjustable	0.55	890	1500x840x1470	700x700
RCYG-400	400	800	≤ 140 Adjustable	0.75	1270	1700x950x1580	800x800
RCYG-500	500	1000	≤ 150 Adjustable	0.75	1560	1800x950x1780	1000x800
RCYG-600	600	1200	≤ 160 Adjustable	1.5	2150	2000x1240x1910	1100x900
RCYG-700	700	1400	≤ 160 Adjustable	1.5	2340	2000x1340x2010	1200x1000
RCYG-800	800	1600	≤ 180 Adjustable	1.5	2610	2100x1440x2110	1300x1100
RCYG-900	900	1800	≤ 180 Adjustable	1.5	2800	2200x1540x2210	1400x1200
RCYG-1000	1000	2000	≤ 180 Adjustable	1.5	3290	2400x1640x2310	1500x1300
RCYG-1500	1500	2200	≤ 200 Adjustable	2.2	4000	2500x1740x2410	1600x1400

Import and export sizes and specifications can be customized according to customer requirements.

OTHERS

RCDE oil-cooled electromagnetic iron remover



RCYA1 type. Oblique pipe type permanent magnet breaker



RCYA2 type. Oblique pipe type permanent magnet breaker



GJT Window Metal Detector

GJT window metal detector is the latest product in the field of metal detection in China. In the circuit design, the latest metal detection technology, digital phase shifting and related detection technology are adopted, which has stable performance, high detection sensitivity and strong anti-interference ability. It is mainly used in belt conveyors for thermal power generation, cement, paper, mining, forestry, environmental protection, building materials, food processing, food and other industries.

Features: Quantitative sensitivity calibration; high sensitivity design can detect large metal and sound and light alarm.

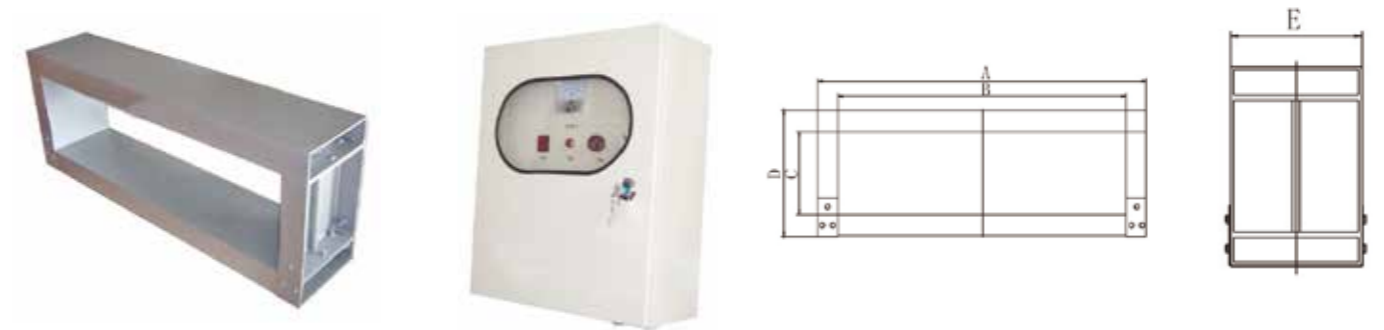
Detection range: iron, aluminum, stainless steel, alloy and other metals.

Timing function: The delay is released after the relay is closed, and the time is 1-10 seconds.

Control output: The relay contacts are normally open and the pair is normally closed.

Installation method: The sensor is installed on the belt frame. The amplitude of the belt frame should be less than 0.5mm. When the amplitude exceeds 0.5mm, the sensor bracket should be installed separately.

Schematic Diagram



Regular Specifications

Model	Adapt Belt Width mm	Power	Adapt Belt Speed ≤ m/s	Input Voltage ~V 220±10% 50Hz	Sensitivity		Specification mm				
					≥ mm	A	B	C	D	E	
GJT-5B	500	40	0.8-2.5	220±10% 50Hz	20	850	690	250	410	250	
GJT-6B	650	40			20	1010	840	250	410	280	
GJT-8B	800	50			30	1300	1010	300	460	280	
GJT-10B	1000	50			35	1380	1240	350	510	280	
GJT-12B	1200	50			40	1605	1470	400	580	300	
GJT-14B	1400	60			45	1830	1680	450	630	300	
GJT-16B	1600	60			50	2050	1890	500	680	300	
GJT-18B	1800	65			55	2280	2120	550	730	300	
GJT-20B	2000	70			60	2500	2340	600	780	300	

Import and export sizes and specifications can be customized according to customer requirements.

DLS Window Metal Detector

It adopts a split structure and is easy to install.

Product tracking function: It can automatically adjust the internal adjustment according to the change of product effect.

Special design scheme can effectively eliminate the interference caused by electromagnetic and ground vibration.

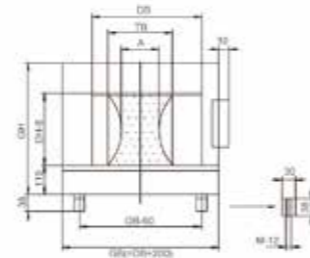
Product effect compensation function: automatic learning compression for product effects.

Product tracking function: It can automatically adjust the internal adjustment according to the change of product effect.

Communication port: RS232, RS485, Ethernet connection mode can be selected.

Detecting material temperature range: -20-80 ° C, temperature above this range can be selected for special high temperature options.

Schematic Diagram



Regular Specifications

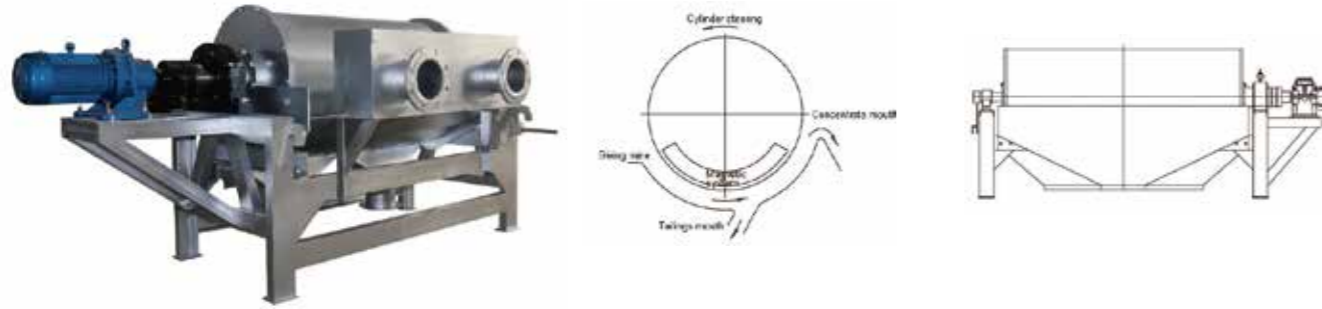
Model	Parameter											Detection accuracy
DLS	DB	TB	DH	GH	GB	L	A1	A2	A3	A	MZL	Fe
DLS500/300/100	500	300	100	330	700	300			220	200	500	1,1
DLS600/400/150	600	400	150	380	800	500			420	200	800	1,8
DLS700/500/200	700	500	200	430	900	500			420	300	900	2,3
DLS800/600/300	800	600	300	530	1000	600		175	520	360	1200	3,9
DLS840/600/350	840	600	350	580	1040	650		190	570	320	1350	4,2
DLS940/700/400	940	700	400	630	1140	650		190	570	420	1450	5,0
DLS 1040/800/450	1040	800	400	630	1240	650		190	570	520	1450	5,2
DLS1140/900/500	1140	900	450	680	1340	700		310	620	620	1600	6,3
DLS1240/1000/600	1240	1000	500	730	1440	700		310	620	680	1700	7,7
DLS1460/1200/700	1440	1200	600	830	1640	750	135	400	670	880	1950	9,5
DLS1580/1300/800	1560	1300	700	930	1760	800	150	450	720	940	2200	12,2
DLS1680/1400/900	1680	1400	900	1130	1880	900	160	500	820	1000	2700	M14
DLS1880/1600/1000	1880	1600	1000	1260	2080	900	160	500	820	1160	2900	M20

Import and export sizes and specifications can be customized according to customer requirements.

MAGNETIC SEPARATOR EQUIPMENT CLASS

CTS Type Wet Process Downstream Magnetic Separator

The CTS type wet-process downstream magnetic separator is used for separating fine-grained ferromagnetic substances mixed in the chemical industry. The magnetic powder as a flocculation medium added as the process is separated from the liquid, and the recycled magnetic powder is recovered. It is especially suitable for liquid separation treatment with high flow rate, high concentration and high magnetic content. This machine can work continuously and automatically, with high processing capacity.



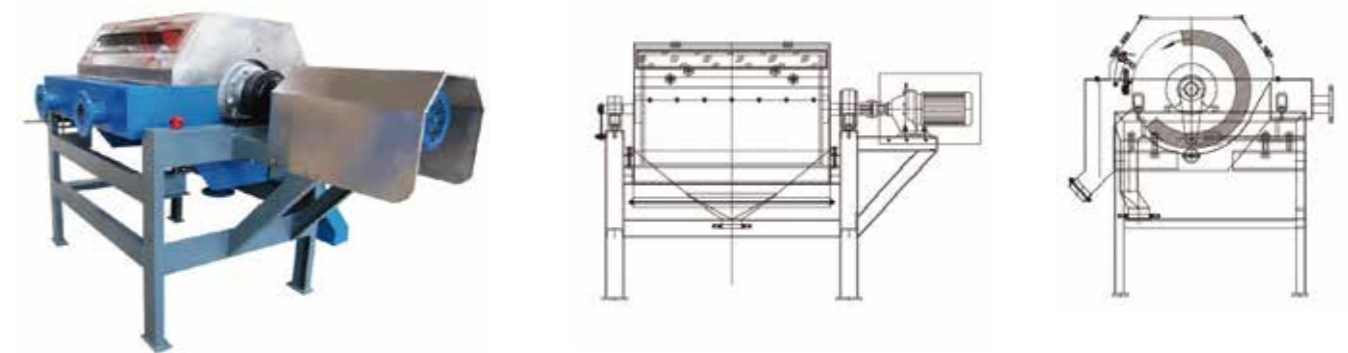
Model	Cylinder size		Tube surface magnetic		Processing capacity		power kw	Barrel speed r/min	Total weight of the machin
	Bore diameter mm	xTube length mm	Sweeping the average	Highest magnetic induction	Dry ore T/h	Amount of pulp m³/h			
CTS-44	400x400		1000~4500	2000 ~7000	1~2	3	1.1	45	350
CTS-46	400x600		1000~4500	2000~7000	1~3	5	1.1	45	600
CTS-66	600x600		1000~4500	2000~7000	5~10	16	1.1	40	705
CTS-69	600x900		1000~4500	2000 ~7000	8~15	24	1.1	40	830
CTS-612	600x1200		1000~4500	2000 ~7000	10 ~20	32	2.2	40	960
CTS-618	600x1800		1000-4500	2000 ~7000	15 ~30	48	2.2	40	1340
CTS-712	750x1200		1000~4500	2000-7000	15 ~30	48	3	35	1500
CTS-718	750x1800		1000~4500	2000 ~7000	20 ~45	72	3	35	2100
CTS-918	900x1800		1000~4500	2000 ~7000	25 ~55	90	4	28	2900
CTS-924	900x2400		1000-4500	2000~7000	35 ~70	110	4	28	3500
CTS-1018	1050x1800		1000-4500	2000 ~7000	40 ~75	120	5.5	22	4000
CTS-1021	1050x2100		1000-4500	2000~7000	45 ~88	140	5.5	22	4500
CTS-1024	1050x2400		1000~4500	2000~7000	52 ~100	160	5.5	22	5000
CTS-1030	1050x3000		1000~4500	2000~7000	65 ~125	200	7.5	22	6200
CTS-1218	1200x1800		1000~4500	2000~7000	47 ~90	140	5.5	19	5800
CTS-1224	1200x2400		1000~4500	2000~7000	82 ~120	192	7.5	19	6200
CTS-1230	1200x3000		1000 ~4500	2000~7000	80 ~150	240	7.5	19	7200
CTS-1530	1500x3000		1000-4500	2000~7000	90 ~170	270	11	14	8100
CTS-1540	1500x4000		1000 ~4500	2000~7000	115~220	350	11	14	9300

Import and export sizes and specifications can be customized according to customer requirements.

CTN Type Wet Full Countercurrent Magnetic Separator

It is suitable for the separation of fine-grained ferromagnetic substances mixed in the chemical industry. The magnetic powder as a flocculation medium added as the process is separated from the liquid, and the recycled magnetic powder is recovered. It is especially suitable for liquid separation treatment with high flow rate, high concentration and high magnetic content. This machine can work continuously and automatically, with high processing capacity.

Schematic Diagram



Regular Specifications

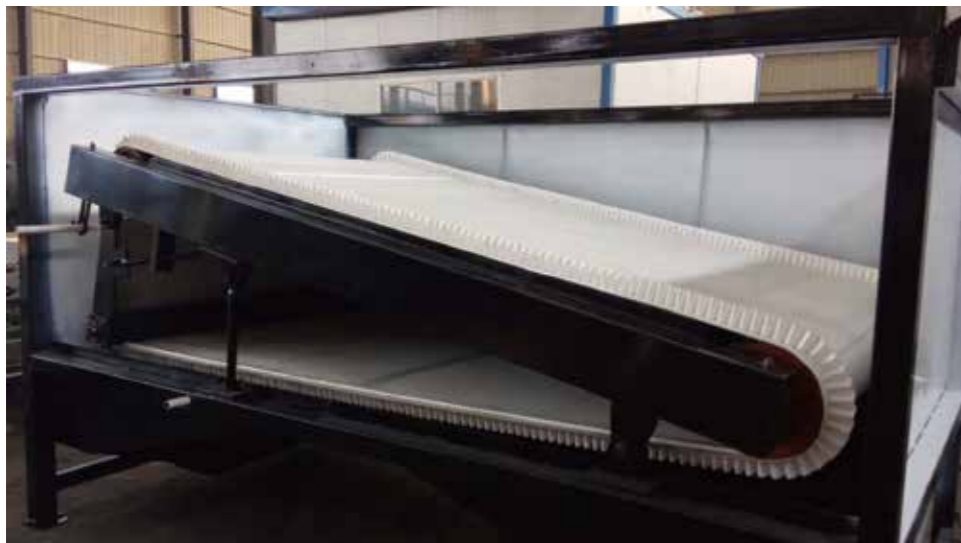
Model	Bore Diameter mm	Tube length mm	Tube Magnetic induction GS	Feed Concentration %	Processing Capacity T/h	Rotating Speed r/min	Power kw	Weight kg
CTN-712	750	1200	3000-6000	<30	8-15	35	3	1700
CTN-718	750	1800	3000-6000	<30	12-25	35	3	2350
CTN-918	900	1800	3000-6000	<30	15-30	28	4	2990
CTN-924	900	2400	3000-6000	<30	18-35	28	4	3780
CTN-1018	1050	1800	3000-6000	<30	20-40	22	5.5	4260
CTN-1021	1050	2100	3000-6000	<30	25-45	22	5.5	4790
CTN-1024	1050	2400	3000-6000	<30	30-55	22	5.5	5300
CTN-1030	1050	3000	3000-6000	<30	40-80	22	5.5	5970
CTN-1224	1200	2400	3000-6000	<30	40-70	19	7.5	6340
CTN-1230	1200	3000	3000-6000	<30	50-90	19	7.5	7520
CTN-1530	1500	3000	3000-6000	<30	70-100	14	11	8330
CTN-1540	1500	4000	3000-6000	<30	80-150	14	11	9510
CTN-1845	1800	4500	3000-6000	<30	150-200	11	17	12580

Import and export sizes and specifications can be customized according to customer requirements.

Plate magnetic separator

GTC wet plate magnetic separator is mainly used for the mining of weak magnetic minerals with a particle size of 5mm or less and the removal of iron from non-metallic minerals, such as: mica powder, quartz sand, potassium feldspar, nepheline, fluorite, sillimanite, spodumene, kaolin, manganese ore, weak magnetite, pyrrhotite, calcined ore, ilmenite, hematite, limonite, siderite, ilmenite, chromite, wolframite, Antimony ore, red mud, etc. It can also be used for iron removal of coal, non-metallic minerals, building materials and other materials. The flat type high gradient magnetic separator mainly consists of a support, a plate type magnetic separation system, a feed mixing system, a water source system, an unloading system, a regulating system and the like.

Schematic diagram



Regular specifications

Model GTC	Magnetic Separation Area Size	Processing Capacity	Feed Concentration	Highest Magnetic Field Strength	Sorting Granularity	Power
520	500*2000mm	1t/h	20%-25%	9000-15000gs	<2mm	1.1kw
620	600*2000mm	1.5 t/h	20%-25%	9000-15000gs	<2mm	1.5kw
820	800*2000mm	3t/h	20%-25%	9000-15000gs	<2mm	2.2kw
1020	1000*2000mm	4t/h	20%-25%	9000-15000gs	<2mm	3.0kw
1220	1200*2000mm	5t/h	20%-25%	9000-15000gs	<2mm	4.0kw
1520	1500*2000mm	7 t/h	20%-25%	9000-15000gs	<2mm	5.5kw
1820	1800*2000mm	10 t/h	20%-25%	9000-15000gs	<2mm	5.5kw
2025	2000*2500mm	15 t/h	20%-25%	9000-15000gs	<2mm	7.5kw
2530	2500*3000mm	20 t/h	20%-25%	9000-15000gs	<2mm	7.5kw

Import and export sizes and specifications can be customized according to customer requirements.

Drum Separation

CTZS type suction magnetic separator is a special equipment developed by our company for typical industries such as domestic waste classification, industrial waste classification, scrap crushing classification, etc. It is used to automatically absorb ferromagnetic substances from moving materials. With the conveyor belt or other feeding equipment, the ferromagnetic metal can be separated online and reproduced in real time. Its powerful processing capacity and environmental adaptability make it widely used even in harsh environments. '

Features

The CTZS upper suction magnetic separator has a unique magnetic circuit design, which can have a too deep alcohol depth and a high surface magnetic field. It adopts a top suction type to effectively penetrate the thick material layer and effectively absorb large iron and Strong magnetic iron. .

Advantages

The large-angle magnetic system design adopts a star-shaped paddle on the main body of the device to realize automatic online reloading or real-time unloading of iron. +

The rolling surface is double-layered, the main layer is thickened to prevent impact, and the layer is protected against wear. The installation and disassembly of the ply is convenient, the operation is simple and convenient, and it is easy to replace. It does not need to be returned to the factory for professional maintenance, and saves labor and money. .

It is installed along the belt conveyor and can be matched with any angled belt and other feeding devices. The optional control section can be interlocked with the belt conveyor for both local manual control and centralized control.



KGLA Series Rectifier Control Box

KGLA series rectifier control equipment is a small and medium-sized rectifier control cabinet designed by our company for electromagnetic, permanent magnet self-unloading and other magnetic equipment. It is divided into centralized control and non-collection control, which is suitable for low control requirements. Occasionally, it has the characteristics of wide adaptability, cost, and easy operation.

Schematic Diagram



Regular Specifications

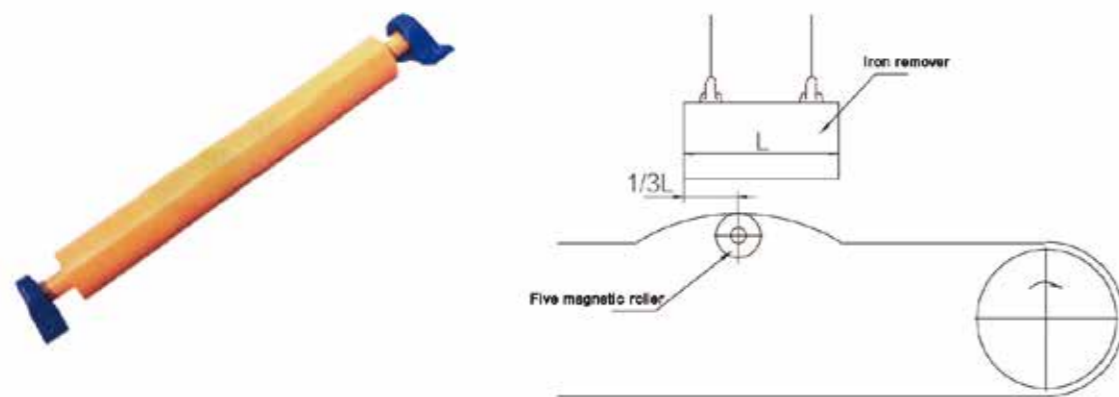
Model	Capacity kw	Input Voltage V	Dimensions mm LxWxH	Weight kg	Applicable Iron Remover	Remarks
KGLA-20/500	≤ 1.2	AC220	372x270x185	≤15	RCDE/RCDB	No car
KGLA-20A/500V	≤1.5	AC220 _{0r} 380	445x280x215	≤25	RCDA	No car
KGLA-30A/500V	≤1.5	AC220 _{0r} 380	445 x 280 x 340	≤25	RCYD(C)/RCYG	Conventional, no trolley, can be manually controlled on site
	≥ 1.5	AC220 _{0r} 380	445 x 280 x 340	≤25	RCYD(C)/RCYG	Centralized control, no car, manual control on site, remote control.
KGLA-30/500	≥ 1.5	AC380	445 x 280 x 340	≤95	RCDA(B/D/E/F)	Conventional, on-site manual control
	≥ 1.5	AC380	445 x 280 x 340	≤ 95	RCDA(B/D/E/F)	Centralized control, no car, manual control on site, remote control.

Import and export sizes and specifications can be customized according to customer requirements.

Wcg Type Non-magnetic Roller

The WCG type non-magnetic idler is a non-magnetic linear parallel idler. It is specially manufactured and manufactured by non-magnetic materials. It is installed under the belt at the bottom of the hanging type iron remover in the belt conveyor. It is used together with the suspended type iron remover. When the material passes over the non-magnetic idler, the material is in an evacuated state and is mixed with the material. The iron impurities in the middle are highlighted from the material, which can help the iron remover effectively increase the iron removal rate.

Schematic Diagram



Regular Specifications

Model	Adapt Belt Width B mm	Weight kg	Dimensions mm		
			A	C	DΦ
WCG-6	650 (600)	16	850	700	58
WCG-8	800	20	1050	900	89
WCG-10	1000	28	1250	1100	89
WCG-12	1200	34	1450	1300	108
WCG-14	1400	50	1650	1500	108
WCG-16	1600	65	1850	1700	133

Import and export sizes and specifications can be customized according to customer requirements.

Iron Remover

Steel rods are available for opening (user self-welding) and sealing

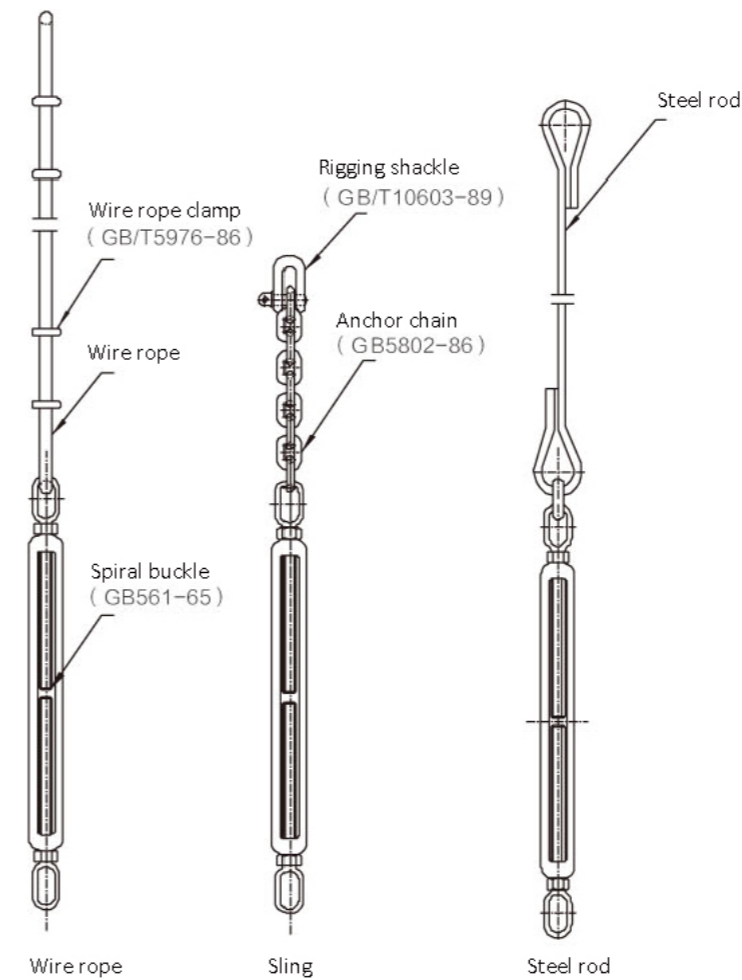
Users have special requirements, and the screw buckles cannot be selected according to the table. The type of the model should be specified.

When using wire rope hoisting equipment, please pay attention to:

The reins can not be set on the wire rope

The U-bolt clamped by the reins must be pulled in from the side of the tail section. Then the clip is snapped from the side of the working section (see illustration)

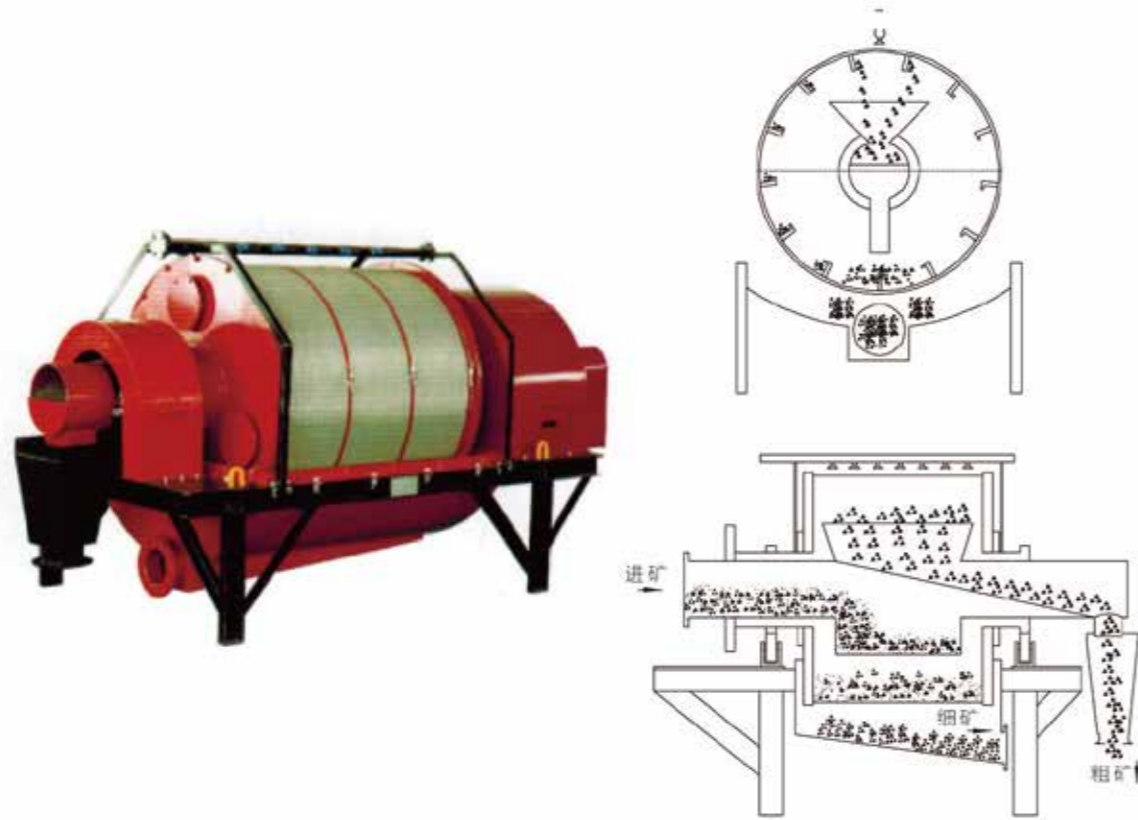
For each link of the wire rope, the number and spacing of the set of rope clamps are as follows:



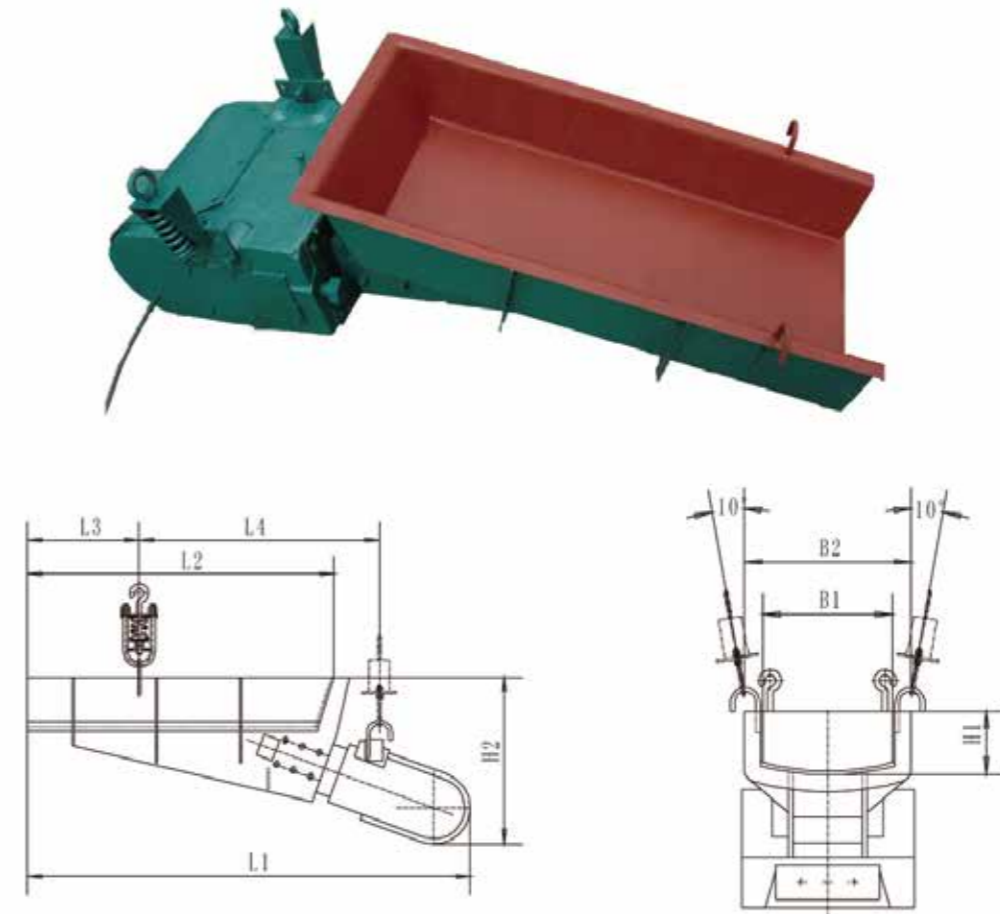
Rope Clamp Nominal Size (mm) (wire rope nominal straight d)	Each Set Of Rope Clamps Minimum Number of	String Spacing (C)
≤ 19	3	(6-7) · d
>19-32	4	

OTHERS

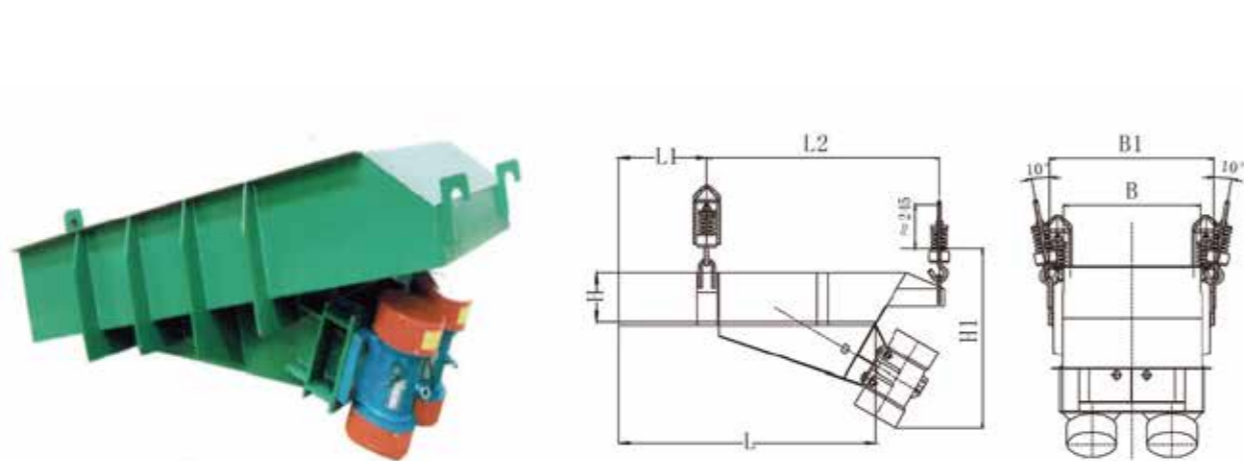
YTS type cylindrical sieve



GZ electromagnetic vibration feeder



DZ type motor vibration feeder



Suspended iron remover walking device and track

