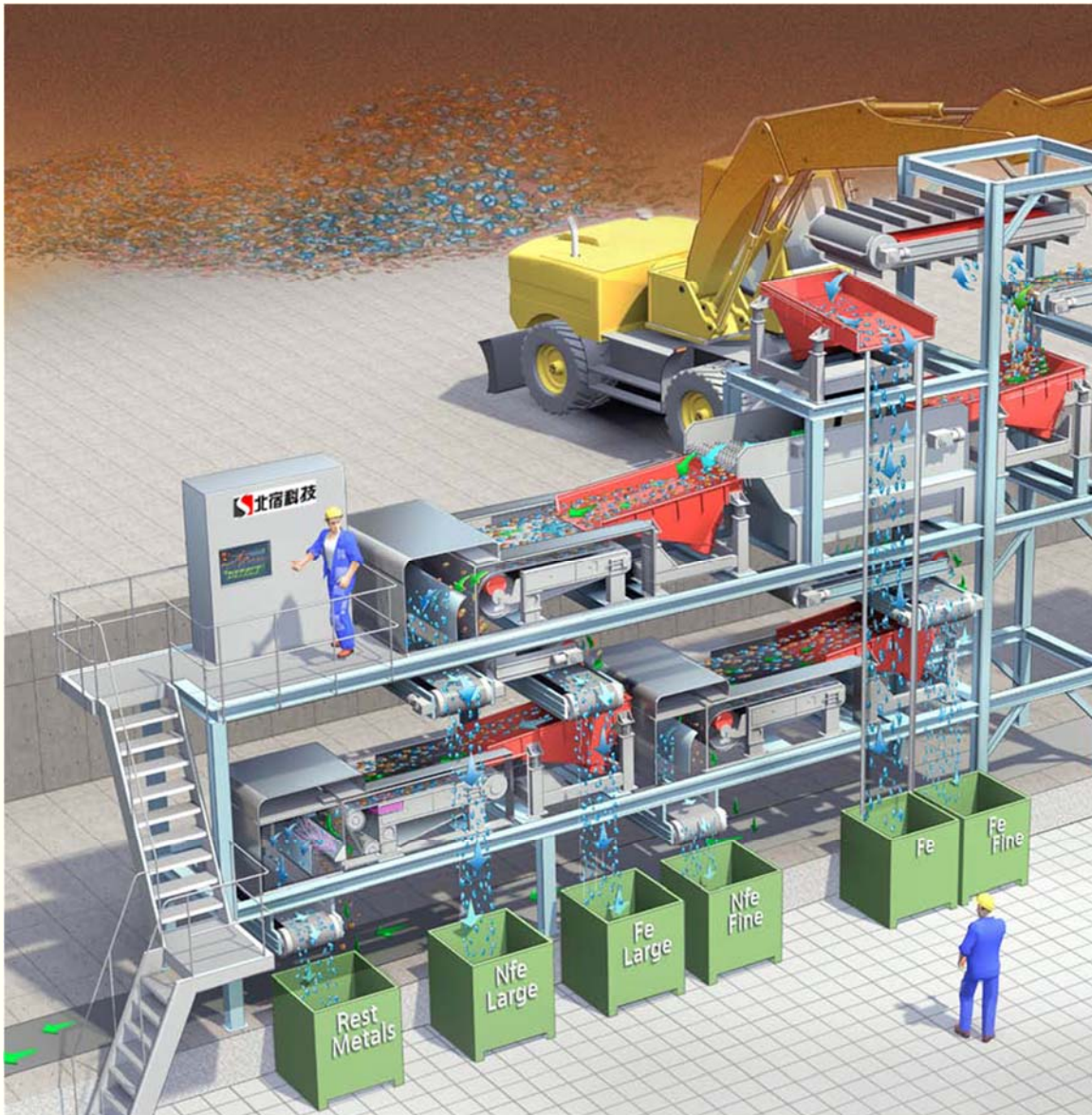


Magnetic Head Pulley

Install on head of belt conveyor & powerfully absorb ferromagnetic substances from material



**HIGH EFFICIENCY AND HIGH QUALITY
MAGNETIC SEPARATION SOLUTIONS**

Based on profound design capabilities, provide you with more reasonable magnetic separation solutions

Tianjin North Star Technology Co.,Ltd

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Company Profile

Tianjin North Star Technology Co., Ltd. is a professional equipment manufacturer dedicated to the magnetic separation industry. Relying on expertise in magnetic sorting and vibration conveying technology, it aims at designing and manufacturing high-performance equipment to provide the industry with high-performance and high-quality designed magnetic sorting, magnetic automation and vibration conveying equipment. With rich application experience in professional and technical fields, we can solve problem encountered in product processing, purification and quality review for enterprises.



Our mission

Provide efficient and practical customized products through technical innovation

Company vision

Become an quality supplier in the field of magnetic separation technology

Company strategy

Continuously develop and design new products according to industry need

Adopt expertise in magnetic separation technology, methods and materials

Continue to innovate and create various products that are user-friendly

Concentrate financial resources and the company's core resources for key projects

Experienced R&D technical team work together to create a better and safer world

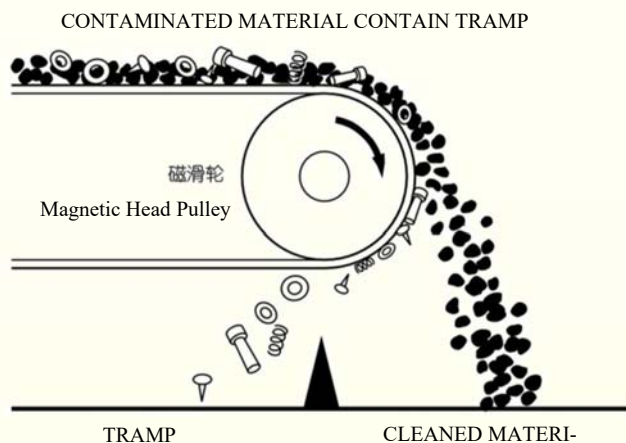
Corporate organization structure oriented to common goals

Magnetic Head Pulley

The permanent magnetic pulley is used to effectively sort large pieces of magnets and fine ferromagnetic particles from non-magnetic materials, maximally protecting downstream equipment from damage and realizing automatically iron removal.

Design principle

The material flows on the conveyor belt that surrounds magnetic pulley surface. When the material is dropping, the ferromagnetic material is attracted by the magnetic force and its running trajectory is separated from the flat trajectory of the non-ferromagnetic material. Then their trajectory can be automatically separated.



Characteristics and advantages

Easy to install and free maintenance

The material on surface of pulley adopts stainless steel

A variety of magnetic circuit designs are available for choose

(Axial and radial can be option)

Automatic unloading iron without manual cleaning

Standard product diameters can be from 100mm to 610mm

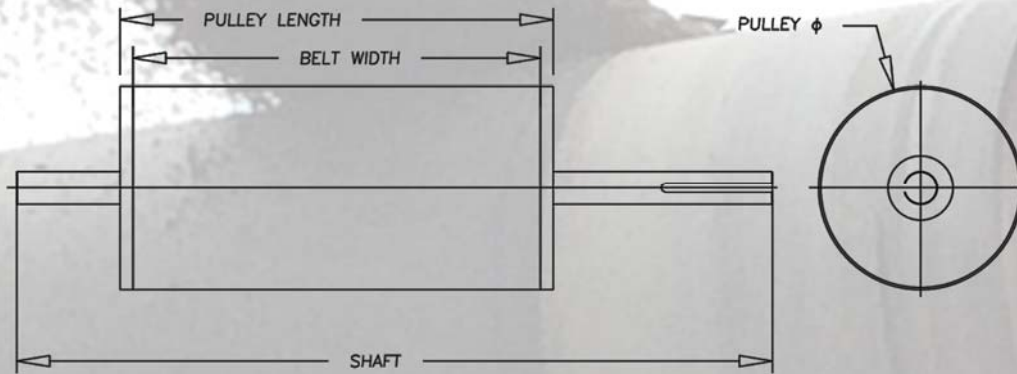
Length of pulley can be customized according to requirements

Application industry

Such as chemicals, plastics, grains, food, ceramics, coal mines, etc.

Magnetic Head Pulley

Normalized Form



Model	Pulley diameter (mm)	Pulley length (mm)	Gauss (Gs)	Belt width (mm)	Approximate weight (Kg)
DC-FA-D204X450	204	450	1800	400	68
DC-FA-D204X850	204	850	1800	800	138
DC-FA-D219X550	219	550	1800	500	92
DC-FA-D219X1050	219	1050	1800	1000	185
DC-FA-D254X650	254	650	1800	600	134
DC-FA-D254X1250	254	1250	1800	1200	300
DC-FA-D324X700	324	700	1800	650	219
DC-FA-D324X1450	324	1450	1800	1400	465
DC-FA-D406X700	406	700	1800	650	345
DC-FA-D406X1450	406	1450	1800	1400	678
DC-RA-D114.3X450	114.3	450	3000	400	23
DC-RA-D114.3X700	114.3	700	3000	650	39
DC-RA-D168.3X350	168.3	350	3000	300	35
DC-RA-D168.3X700	168.3	700	3000	650	79
DC-RA-D204X450	204	450	3000	400	64
DC-RA-D204X700	204	700	3000	650	108
DC-RA-D219X550	219	550	3000	500	84
DC-RA-D219X850	219	850	3000	800	121
DC-RA-D254X650	254	650	3000	600	115
DC-RA-D254X1050	254	1050	3000	1000	205
DC-RA-D324X700	324	700	3000	650	177
DC-RA-D324X1250	324	1250	3000	1200	298
DC-RA-D406X850	406	850	3000	800	345
DC-RA-D406X1450	406	1450	3000	1400	560
DC-RA-D315X1050	315	1050	6000	1000	400
DC-RR-D152X1267	152	1267	11000	1217	175