

Magnetic Belt Dirt Sorter

With the special strong magnetic roller in the front end of conveyor belt, the magnetic belt dirt sorter is specialized in separating the micro magnetic substance and mineral substance from the material by extraordinary magnetic force, such as the clods, pumices, stones, brick chippings and so on. Meanwhile, the strong magnetic substance will be captured by the plate magnetic separator on the top of conveyor belt.

During working, the material will be fed into the machine through the speed adjustable vibrating feeder and then fall into the surface of conveyor belt equably. The strong magnetic substance will be captured firstly when the material is transported to the underneath of plate magnetic separator along with the conveyor belt. The weak magnetic substance will be captured by the strong magnetic force of magnetic roller in the front end of conveyor belt and will fall into the waste outlet naturally when they are transported to the non-magnetic scope along with the conveyor belt. The non-magnetic material will fall into the discharge hole naturally in parabolic shape and go to the next process because of the effect of centrifugal force and gravity when they are transported to the end of conveyor belt. The machine can be used widely in material sorting field.

Benefits

Continuous working without stopping; separating the magnetic impurities from material automatically
The feeding speed and rotate speed of magnetic roller is linear adjustable

Technical data

Magnetic performance: Gauss value on the surface of magnetic roller $\geq 15'000$ Gs, Gauss value on the surface of belt $\geq 10'000$ Gs

Materials of housing and other parts: 304 stainless steel/316 stainless steel

Surface finish: Brushed

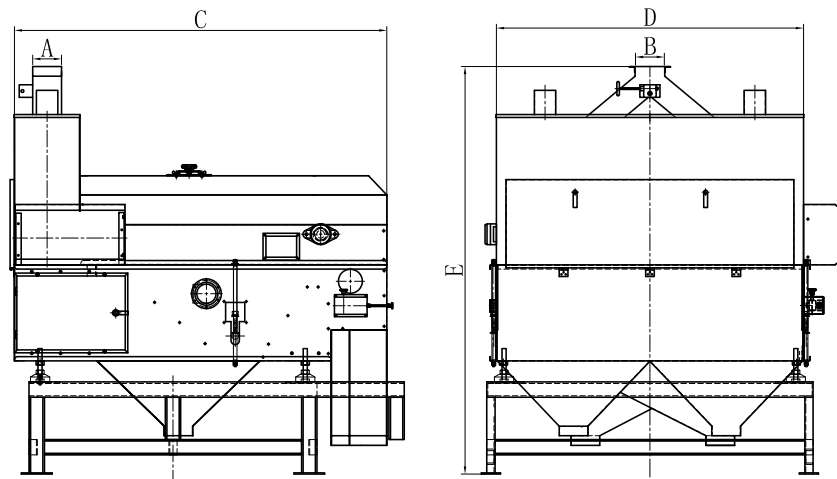
Customized voltage is available



Beijing OeMag International Co., Ltd

Tel: +86-10-67609550; Fax: +86-10-67609565; E-mail: oeomag@oeomag.com

Magnetic Belt Dirt Sorter



Model No.	Inlet AxBmm	Outline Dimension CXDXEmm	Belt Width mm	Power KW	Working Voltage V	Capacity kg/h
SCXC-050	100X100	900X578X1180	500	0.37	220/380	1000-2000
SCXC-097	116X150	1940X1100X1477	970	0.55	220/380	2000-3000
SCXC-150	150X150	1940X1600X2123	1500	0.75	220/380	3000-6000



Beijing OeMag International Co., Ltd

Tel: +86-10-67609550; Fax: +86-10-67609565; E-mail: oeomag@oeomag.com