



Magnetic Crossbelt Separation Conveyors

Ferrous Metal Separation from Shredded Steel, E-Scrap, Plastic & MRFs

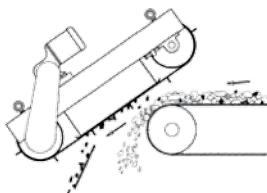
Bunting® Magnetics Co. offers the most respected Magnetic Crossbelt Separation Conveyor in the Recycling Industry to maximize product purity. Its distinct design amplifies magnetic strength and reachout for effective metal removal whether mounted at the end of a conveyor or over the belt mid-stream. The all-stainless steel frame minimizes ferrous scrap from sticking to the side frames while the UHMW belt support wings prevents the metal from sticking in between the belt and magnet.



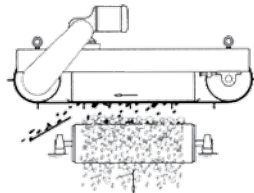
Features

- Available with deep-reach Ceramic Magnets or high intensity Rare Earth Neodymium Magnets for maximum product purification of shredded material.
- Three heavy duty deep-reach models available MRF, Auto and E-Scrap applications.
- Heavy duty stainless steel frame to minimize ferrous metal attraction to sides.
- UHMW belt skirting prevents material from getting between magnet and belt.
- Abrasion-resistant SBR (Styrene Butadiene Rubber) or Urethane coated belt.
- Smaller lightweight models available for lighter shredded plastic applications.
- Optional support stands with adjustable turnbuckles.
- Optional end guarding and chutes.

Two Most Common Types of Installations



Mounted at Discharge End



Mounted over the Belt

Typical Applications:

- Municipal MRF Applications
- Auto & Appliance Recycling
- E-Scrap Recycling
- Tire Recycling
- Plastic Recycling
- Wood Recycling



Shredded Ferrous Metal Removal & Product Purification

16" and 24" Units -

The most economical units for general low burden (2"-4") and lower belt speed application of under 100fpm.

- 16" unit for 3"-6" of reachout
- 24" unit for 7"-10" of reachout



30" Units -

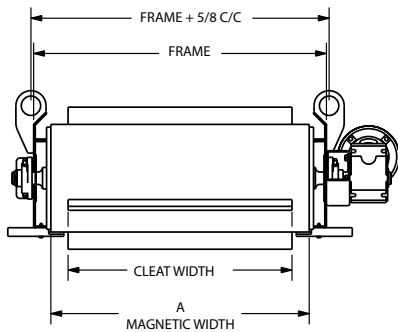
Very effective for most municipal waste and heavier plastic separation applications and where added clearance is required.

- 10"-16" of reachout, 3"-6" burden and/or belt speeds of under 200fpm

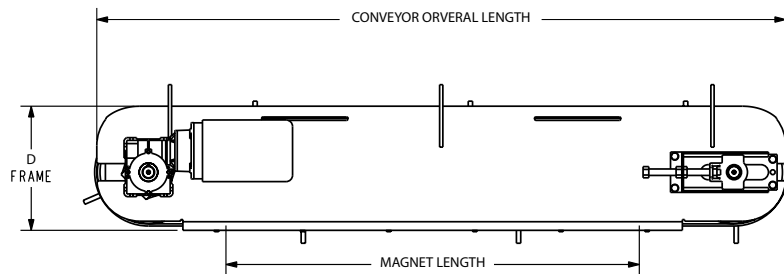
36" Units -

Optimal choice for deep-reach high exposure, deeper burden and higher speeds in heavy aggregate applications.

- 14"-18" of reachout; 6-8" burden and/or belt speeds of over 200fpm



FRAME = MAGNETIC AREA + 4
CLEAT WIDTH = MAGNETIC AREA + 4



Magnet Belt Width	Magnet Length	Conveyor Overall Length	Model Number
16"	18"	38"	CBS-16-18
16"	24"	44"	CBS-16-24
16"	30"	50"	CBS-16-30
16"	36"	56"	CBS-16-36
24"	24"	56"	CBS-24-24
24"	30"	62"	CBS-24-30
24"	36"	68"	CBS-24-36
24"	42"	74"	CBS-24-42
24"	48"	80"	CBS-24-48
30"	30"	62"	CBS-30-30
30"	36"	68"	CBS-30-36
30"	42"	74"	CBS-30-42
30"	48"	80"	CBS-30-48
30"	54"	86"	CBS-30-54
36"	36"	68"	CBS-36-36
36"	42"	74"	CBS-36-42
36"	48"	80"	CBS-36-48
36"	54"	86"	CBS-36-54
36"	60"	92"	CBS-36-60



Scan QR Code for more information

Specifications subject to change without notice.