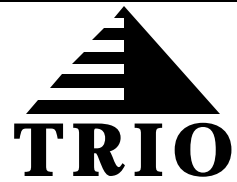


Self-Cleaning Permanent Magnets



ENGINEERED PRODUCTS

Applications

Mixed Demolition Debris

Crushed or Broken Concrete

Hard Rock Crushing

Mixed Solids at MRF Facilities

Shredded Tires

Organic Composting

Models/Sizes

CRP30 — 30" x 36"

CRP36 — 36" x 42"

CRP42 — 42" x 48"

CRP48 — 48" x 54"

CRP54 — 54" x 60"

Other Considerations

One Year Warranty

Quick Deliveries

Off-the-shelf parts

Nationwide distribution

Superior Quality

Low Price Guarantee

Trio's self-cleaning permanent magnets are suspended overhead magnets designed for removing steel and other magnetic materials from aggregate, recyclable, and other materials during the crushing, screening and sorting processes. The magnets are powerful, computer designed, models mounted in heavy-duty steel frames. The magnets are traversed by a heavy-duty, armored belt running on two pulleys. These conveyors can be driven by either electric or hydraulic motors.



Magnets can be utilized in either cross-belt (perpendicular to the conveyor processing the material) and in-line applications (same direction as the conveyor). As ferrous material passes under the magnet, it is attracted upward at which time the armored belt lifts the debris out of the conveyor burden and transports it away from the magnetic field and away from the conveyor.



Original costs can be recovered in a short period of time due to savings originated from a reduction in manpower, fewer production stoppages, higher percentage of reclaimed scrap, upgraded better quality end product, and fewer maintenance problems with down-line machinery.



Compared to electro-magnets, these permanent magnets require no electrical source for the magnet, are lighter in weight, have smaller dimensions, are relatively maintenance free and are less expensive to purchase, install and operate.



Units are maintained in stock and available for immediate delivery.

Specifications

Heavy steel side plates	Stainless steel armored belting
Solid steel core	Lagged head pulley
Two pulley design	Screw take-ups on tail pulley
300 FPM belt speed (variable)	Standard gray paint

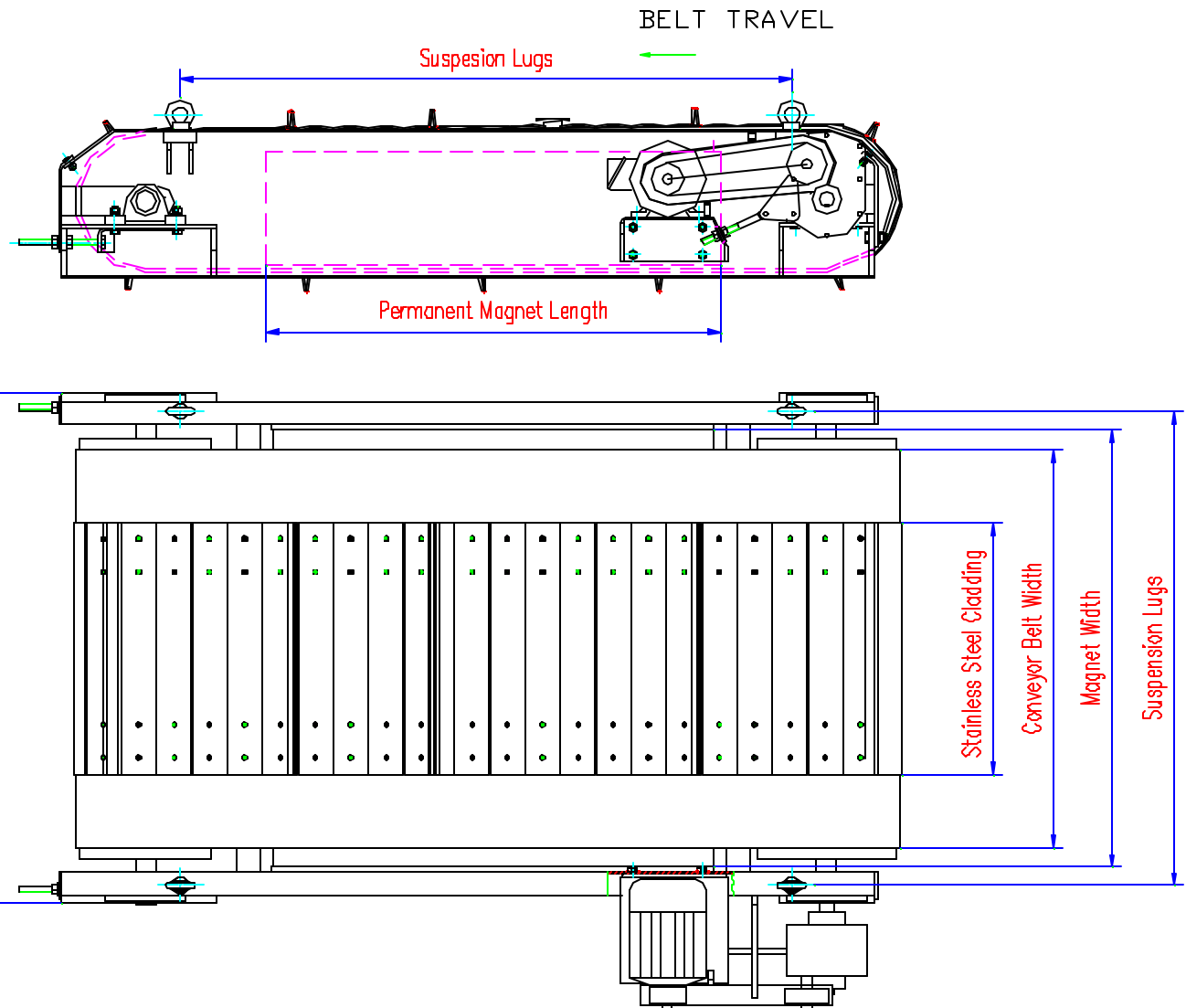
Cornerstone Equipment, Inc.

13037 Ottawa Dr. Savage, MN 55378-1673

Tel: 952-894-4550 Fax: 952-894-1187

www.crushersales.com g.mcnevin@mchsi.com

Self-Cleaning Permanent Magnets



Model	Magnet Size	Gauss @ 6"	Gauss @ 9"	Gauss @ 12"	Max Effective Height	Distance For 1/2" Nut	Belt Speed (FPM)	Weight (LBS)
CRP30	30" x 36"	1000	540	400	10"	9"	300	3,000
CRP36	36" x 42"	1230	840	520	13"	9"	300	3,600
CRP42	42" x 48"	1420	980	650	13"	9"	300	4,200
CRP48	48" x 54"	1470	1050	750	13"	9"	300	4,800
CRP54	54" x 60"	1520	1150	870	15"	9"	300	5,400

Cornerstone Equipment, Inc.

13037 Ottawa Dr. Savage, MN 55378-1673

Tel: 952-894-4550 Fax: 952-894-1187

www.crushersales.com g.mcnevin@mchsi.com