



APPLICATION SPECIFICATIONS

Customer: _____ Quote #: _____ Ind. Code: _____ Date: _____

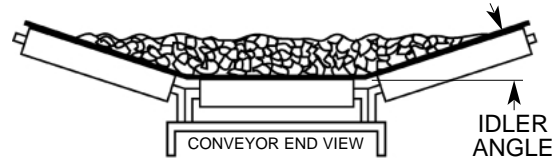
1. Product: _____ Size: _____ Max. Lump Size: _____
Moisture %: _____ Volume/Rate: _____ Bulk Density: _____
Product width on belt: _____ Product/burden depth: _____

2. Describe size/type of tramp metal: _____

3. Belt width (flat): _____

Belt Speed: _____

Idler Angle: _____



4. _____ Permanent? Self-Cleaning? _____ Yes _____ No

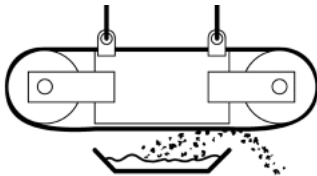
_____ Electromagnet? Self-Cleaning? _____ Yes _____ No

_____ Power requirements: Input Voltage _____ Hertz _____ NEMA _____

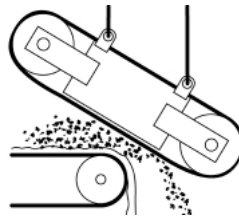
_____ Suspension height of magnet (from lowest belt surface)?

5. How much ferrous metal is under the conveyor: _____

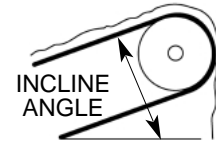
Magnet orientation:



CROSS BELT _____
(Discharge: Right _____ Left _____)



IN-LINE _____



CONVEYOR _____
(Incline angle in degrees)

OPTIONAL EQUIPMENT

Self-Cleaning Magnets

- _____ Motor starter
- _____ Explosion proof motor & junction box
- _____ Stainless steel wear plate
- _____ Impact package: Stainless clad belt, lagged drive pulley
- _____ Zero speed switch
- _____ Turnbuckles
- _____ High temperature oil

Note: To enhance the performance of any given suspended magnet, the conveyor section below magnet should be non-ferrous, 18"-24" either side of magnet.

Manual Clean Magnets

- _____ Easy clean stripper pan
- _____ Fixed mounting frame
- _____ Turnbuckles

Power Supplies

- Volt Meter AC _____ DC _____
- Amp Meter AC _____ DC _____
- Line Fuse AC _____ DC _____

Calculations

1. Feed Capacity: $\frac{\text{Tons Per Hour}}{\text{Specific Weight}} \times 2000$ - cubic feet per hour.
2. Burden width in feet: $(\text{Belt width} - 6")/12"$:
3. Burden depth in inches: $\frac{\text{Feed capacity (cu.ft./hr.)} \times 1.5}{\text{Belt speed (fpm)} \times \text{burden width (ft.)} \times 5}$

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