

Customer Name: _____ Eriez Order #: _____

Customer P.O. No.: _____ Date: _____

Eriez Metalarm Model TR Metal Detector
Specification Sheet - Troughed Conveyors

Please complete the following form so that we can quote/provide you with the correct Metalarm Detector to suit your application:

1. **Product being conveyed:** _____ **Maximum height:** _____2. **Bulk Density:** _____3. **Conveyor Belt:- Belt width:** _____ **Belt Speed:** _____ **Belt Material:** _____Will the belt be vulcanized? YES NO If no, please specify belt clip material: Ferrous Non-Ferrous Stainless Will you at any stage wish to use belt clips on the conveyor? YES NO **4. Sensitivity Required**

To establish the type of search coil to be supplied, please indicate the size of tramp metal which you wish to detect on the belt, giving details of specific items that could damage your crusher / machinery, e.g. steel rods, detonators, digger teeth, etc.: _____

5. Alarm Required

Apart from stopping the conveyor belt, do you require additional audible/visual alarms?

Rotating Beacon (Remote only) Siren Remote Xenon Beacon (Fitted) Siren (Fitted) Other: _____**6. Supply Voltage Available**110V single phase 220/240V single phase 18V-24V d.c. (Option as extra) 415V three phase 7. **Control Unit Type:** Will the Control Unit be outside?: YES NO3500CE 3500/QM2 8. **Cable Length Required From Control to Search Coil:** 10 ft. 16 ft. 33 ft. 66 ft. 9. **Distance between this Metal Detector and any others within 33 feet:** __________
Headquarters or Field Office Signature_____
Customer Signature

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ERIEZ METALARM MODEL TR METAL DETECTORS
TROUGHED CONVEYOR DATA FORM

Capacity _____ TPH

Belt Speed _____ FPM

A _____ in. Across Wing Roll Tips

B _____ in. Working Belt Width

C _____ in. Center Belt Width

D _____ in. Side Belt Width

E _____ in. Flat Belt Width

F _____ in. Wing Roll Tip Height

G _____ in. Belt Center Sag

H _____ in. Center Roll Height

J _____ in. Distance to Return Belt

K _____ ° Outer Roll Angle

L _____ in. Width Over Stringers

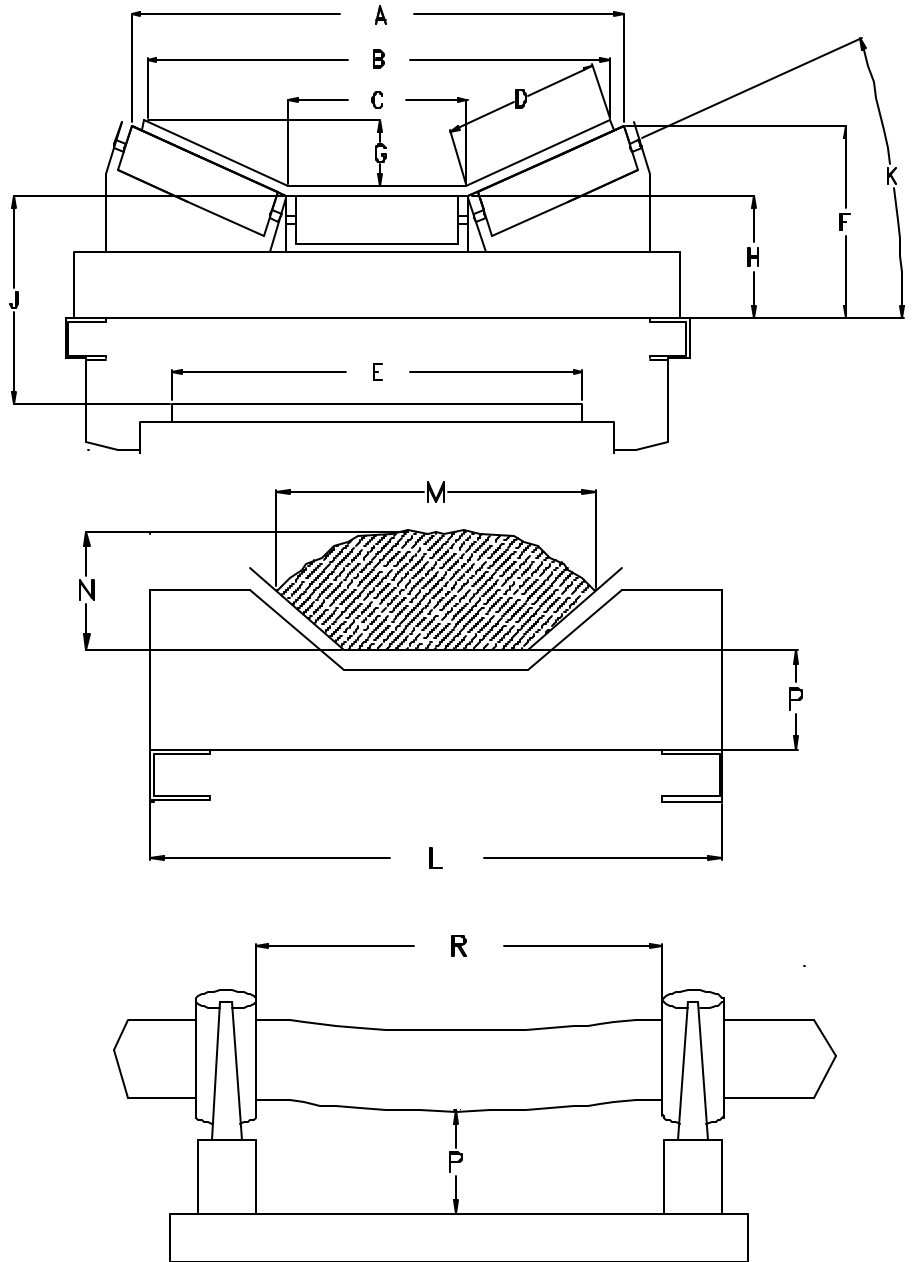
M _____ in. Product Width on Belt

N _____ in. Product Height on Belt

P _____ in. Belt Height midway between Rollers

R _____ in. Roller Spacing

“P” can not be greater than “H”



NOTE:

NO metal base plates, metal covers or metal side guides should be within 3.28 ft. of the Metal Detector Search Coil. Please provide details of any other large metal objects in the vicinity of the Detector. (i.e. large motors, magnets, etc.)

Are frequency inverters being used to drive the conveyor? YES [] NO []

 Headquarters or Field Office Signature

 Customer Signature