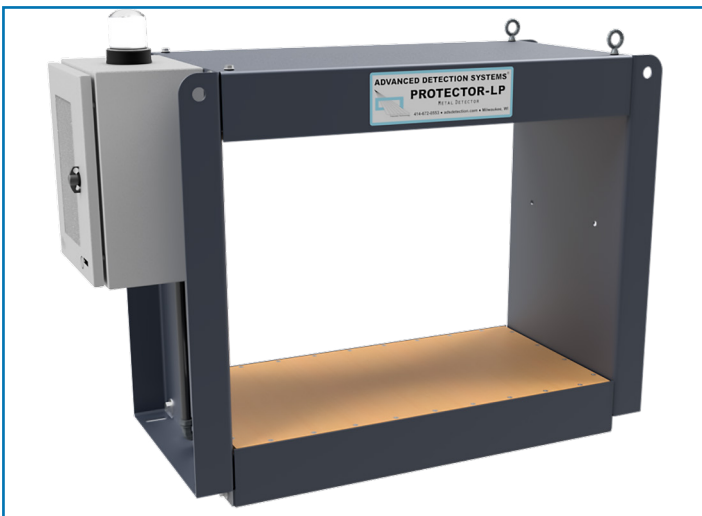




SurroundScan® Protector LP

Aggregate Industry

- ◇ Expert technical support from our factory
- ◇ State of the art detection levels for ferrous, non-ferrous, and stainless steel.
- ◇ Removable end plate facilitates easy installation, no belt removal required.
- ◇ Robust and reliable metal detector
- ◇ Engineered to withstand tough applications
- ◇ Protects processing equipment



SurroundScan Protector LP

45% smaller coil enclosure and 40% weight reduction compared to the Protector HD. This simplifies installation on conveyor frames where clearance between the conveyor belt and frame is limited.

Protector LP Features

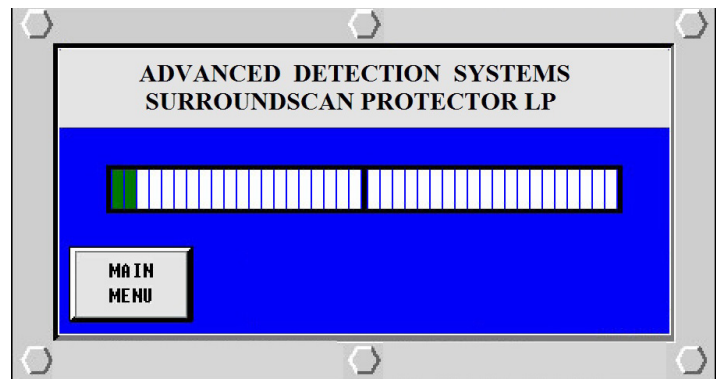
- ◇ Autolearn easily sets appropriate sensitivity levels.
- ◇ Adjustable RF protection helps compensate for environmental noise and power fluctuations.
- ◇ Digital control and processing with two channel detection.

More Information

Advanced Detection Systems has been identifying and meeting unique metal detection needs for over 30 Years.

All equipment engineered and manufactured in Milwaukee, WI USA, which lets us provide a “one stop shop” for all your metal detection needs.

The Protector LP ensures product purity, defends processing equipment and prevents costly downtime.



SurroundScan® Protector LP
Password Protected Touchscreen





Product Monitor

You get real time signal values for your product and the ferrous, non-ferrous and stainless-steel metal that must be detected.



Patented Vibration Technology

Improves performance and reliability when used in a vibration heavy environment.



Guaranteed Sensitivity

We test your product and calibrate our detectors to your product's specific needs and guarantee sensitivity.



Acculearn™ Technology

Our detectors quickly learn your products characteristics, in as few as two minutes, eliminating false trips caused by product variability.



Custom Built

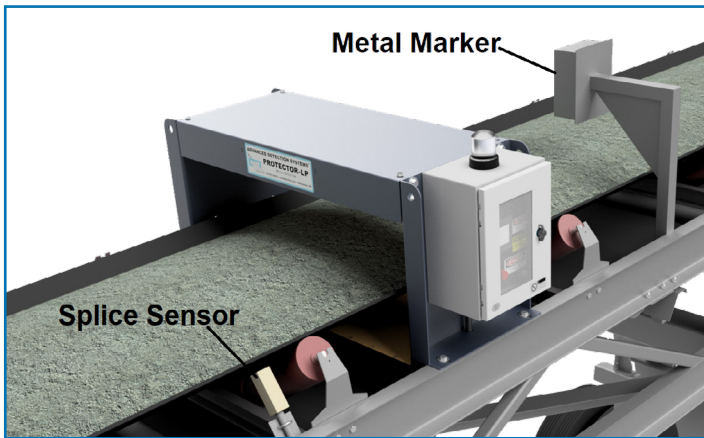
Our metal detectors are individually designed by our engineering staff and manufactured to your exact specifications.



Heavy-Duty Construction

The SurroundScan metal detector product category reflects our history of manufacturing robust, reliable equipment.

Optional Splice Sensor & Metal Marker



Remote Control Cabinet



Dings Overhead Stationary Electromagnet



Dings magnetic group

an Advanced Detection Systems sister company

Magnetic Separators from Dings Co. Magnetic Group

Dings stationary electromagnet is used in applications when separation of ferrous metal is critical but not continuous. Ferrous metal collected by the stationary electromagnet is removed as necessary by cutting power to the magnet releasing the ferrous material.



Advanced Detection Systems Australian Territory Rep:

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www.accurateindustries.com.au

6/23 Ashtan Place, Banyo, Q, 4014



Get Detection Optimized for Your Process

Have your targeted contaminants professionally tested for in our lab, free of charge. The results are used to optimize your Protector's® detection levels for your material stream's specific characteristics. We stand by this method with a written guarantee.



Protector for Aggregate & Mining Quote Request

www.adsdetection.com
(414) 672-0553

Company: _____ Quote Required Date: _____
 Address: _____ Contact Person: _____
 City, St ZIP: _____ Contact Email: _____
 Phone/Cell: _____ Date Equipment Required by: _____
 Email Completed RFQ to: sales@adsdetection.com

Application Information

Material Being Conveyed: _____

Material Data: Burden Depth: _____ cm Lump Size: _____ cm Bulk Density: _____ kg/m³

Conveyor Data: Belt Width: _____ cm Belt Speed: _____ mpm

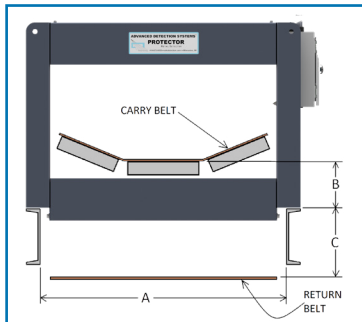
Idler Spacing: _____ cm
 _____ mm
 Note: 48" (1.22m) metal free zone and
 48" (1.22m) minimum idler spacing

Troughing Angle: 0° 20° 35° 45°

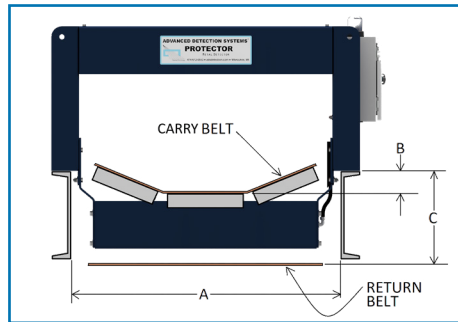
Detection Level Required: Ferrous: _____ cm Non-Ferrous: _____ cm

Stainless Steel: _____ cm

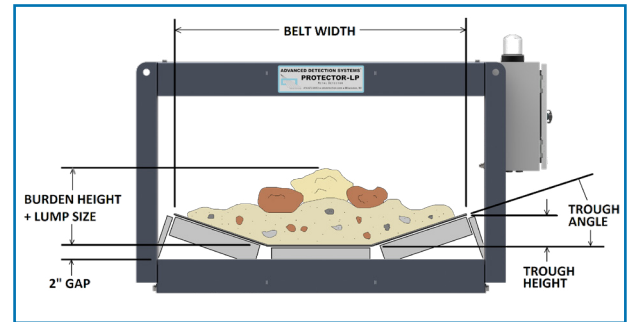
Metal Detector Selection



Standard Mount: Idlers positioned above the conveyor frame



Inboard Mount: Idlers positioned inside the conveyor frame



A= The Dimension inside the Conveyor Frame. A= _____ cm
 B= The Dimension From the Bottom of the Conveyor Carry Belt to the Top of the Conveyor Frame. B= _____ cm
 C= The Dimension From the Top of the Conveyor Frame to the Top of the Return Belt. C= _____ cm

Metal Detector Accessories

Belt Splice Sensor

Remote Control Cabinet:

Remote Control Cabinet Heater

Flag Drop Metal Marker

25 ft (7.62 m) Cable

Note: A control cabinet heater is required for the unit if the ambient temperature falls below 40 F (4.44°C) during operation.

With Support Stand

50 ft (15.24 m) Cable

Without Support Stand