

ADVANCED DETECTION SYSTEMS

METAL DETECTION FOR AGGREGATE AND MINING APPLICATIONS



PREVENT DAMAGE TO PROCESSING EQUIPMENT & COSTLY DOWN TIME

www.adsdetection.com

SURROUNDSCAN PROTECTOR HD

SurroundScan Protector HD Metal Detector

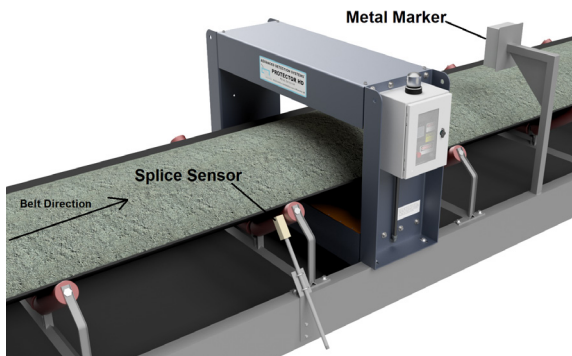


- ★ **Lifetime** technical support from our factory
- ★ Detects Ferrous, Non-Ferrous & Stainless-Steel
- ★ Removable end plate facilitates easy installation
- ★ Robust and reliable metal detector
- ★ Engineered to withstand tough applications
- ★ Advanced patented software built in



- ★ 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, meaning you receive prompt, expert advice.
- ★ The Protector ensures product purity, defends processing equipment and prevents costly downtime.
- ★ Adjustable RF protection ensures reliable performance in the presence of radiated noise and electrical power fluctuations.

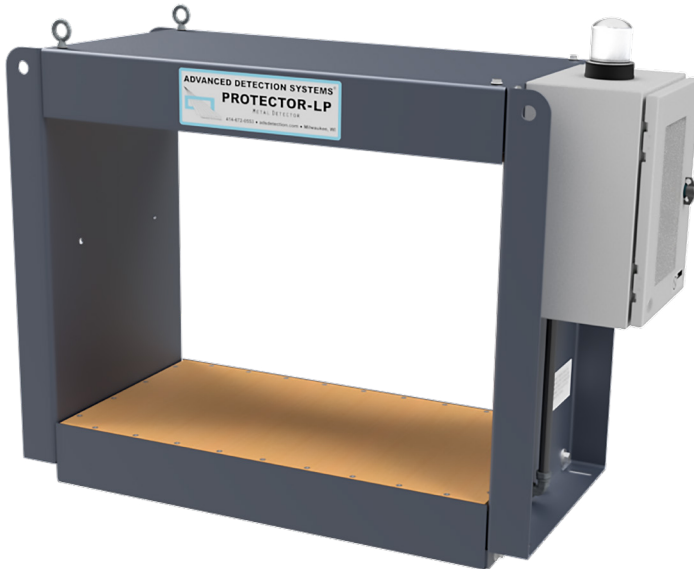
Protector HD Metal Detector on Trough Belt Conveyor



★ **Call Us For Expert Support of Advanced Detection Systems' Equipment - Regardless of Its Age**

SURROUNDSCAN PROTECTOR LP(Low-Profile)

SurroundScan Protector LP (Low Profile) Metal Detector



★ The Protector LP (low-profile) has a 45% smaller coil enclosure and 40% weight reduction compared to the Protector HD. These features simplify installation on conveyor frames where clearance between the conveyor belt and frame is limited

For use on belts 54" (inches) and under

SurroundScan Core Technologies

AccuLearn Technology

Setting up products with the AccuLearn Technology is easy and efficient. In as few as 1-2 minutes, the metal detector will learn a product's signature, allowing clean product to pass through while accurately identifying product that has metal contamination.

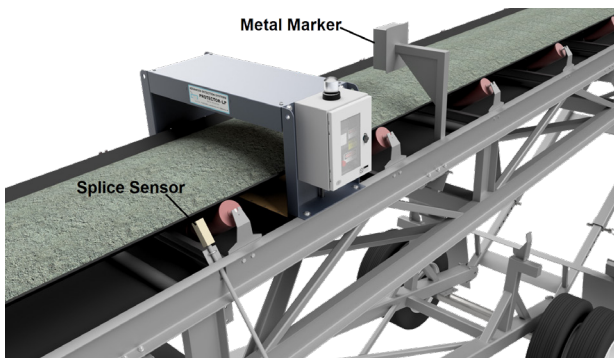
Patented Auto-Balance

Advanced Detection Systems' auto-balance software maintains perfect coil balance and optimum performance, eliminating the cost of a service technician plant visit to re-balance the metal detector.

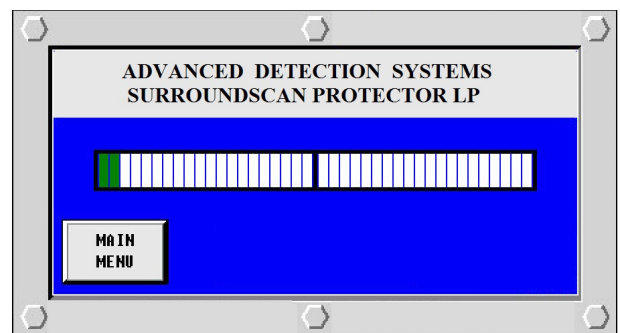
Product Monitor

You get real time signal values for your product and the tramp metal that must be detected.

Protector LP Metal Detector on Portable Belt Conveyor



Protector LP Digital Touchscreen



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ENGINEERING DRIVEN - CUSTOMER SERVICE FOCUS

CUSTOMER FOCUSED SERVICES

Advanced Detection Systems engineering, sales and service staff work together from our Milwaukee, WI factory to provide outstanding customer service from experts in metal detection. We listen to our customers to gain an understanding of their needs and apply our experience in their trade to provide metal detection equipment that is sized and positioned for the best possible performance in their specific application.

ADVANCED TECHNOLOGY

Our engineering staff has developed technology over many years that is designed to maximize performance and simplify the use of metal detection in the aggregate and mining trades.

HEAVY-DUTY CONSTRUCTION

Advanced Detection Systems is a sister company of Dings Co. Magnetic Group. Dings Co. Magnetic Group has been providing quarries and mining operations with high quality magnetic separators for over 100 years. The heavy-duty construction of the SurroundScan Protector metal detector product category reflect our history of manufacturing robust, reliable equipment to meet the needs of quarry and mining applications.

METAL DETECTOR TRAINING

We recognize the importance of quality training for our customers to ensure they are using their investment in metal detection properly. Our training programs are conducted by certified factory service technicians and local representatives on-site or through computer screen/mobile devices for our customer's convenience and safety. Advanced Detection Systems can also customize any training program to meet your specific needs.

REPLACEMENT PARTS

Advanced Detection Systems offers replacement parts and spare parts lists for your equipment. Our factory trained service technicians, engineers and sales staff are experts on our metal detection systems. Ask us about developing a spares part list for your specific metal detection system to prevent downtime that can be expensive and disastrous. Our staff is available to assist in identifying parts needed for your metal detector and we can easily look up the information in our system. Many parts are currently in stock and available for same day shipment, including electronic replacement parts that are unique to your specific metal detection system.

FIELD SERVICE

Our factory service staff and local representatives are available to provide on-site support. We offer a variety of metal detector services that will ensure consistent metal detector performance and employee familiarity with operation of your metal detection equipment, such as on-site trouble shooting for metal detectors, splice sensors, metal marking devices, metal detector start-up and employee training.

MAGNETS FROM DINGS COMPANY MAGNETIC GROUP

Dings Co. Magnetic Group Overhead Self-Cleaning Electromagnet



*A Sister Company of

Dings
CO.
magnetic group
Powerful Magnetic Products Since 1899

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