



ADVANCED DETECTION SYSTEMS®

"Metal Detection Experts"

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SurroundScan Protector HD Product Spotlight Mining and Aggregate Tramp Metal Detector



The SurroundScan Protector HD is a fully digital tramp metal detector designed specifically for mining, aggregate and heavy industrial applications. Downtime from damaged equipment is a quarry operator's worst nightmare. Lost revenue, time, production and the costs involved with simply getting back online can be staggering, especially if the damage was avoidable.

Built around an armored steel chassis, the SurroundScan Protector HD is designed to take a beating and still provide industry-leading sensitivity and reliability. Fully enclosed coils are protected from impact damage and overburden, while the NEMA 4 control box protects the internal electronics from rain, dust, particles and other harsh environmental conditions.

The Protector HD can be wired directly into your PLC, acting as a signal relay for the command and control of belts and reject devices currently under PLC control, or it can be used as a standalone control device to stop belts or operate reject or marking devices.

Advanced Detection Systems is committed to providing cutting-edge and patented technologies to the metal detection industry while offering superior performance, reliability and ease-of-operation on all of our metal detectors. Our units are proudly manufactured in the USA and are customer-engineered to be tailored specifically to your application. We offer a wide variety of add-on features and upgrades including: external remote cabinets, flag drop metal marker devices, touchscreen upgrades and NEMA 4X upgrades.

The SurroundScan Protector HD metal detection systems can fit belts ranging from 24" to 96" with minimal setup fabrication and no belt cutting.

To learn more, please contact:

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