

ADVANCED DETECTION SYSTEMS

A COMPLETE LINE OF QUALITY METAL DETECTORS

FOR FERROUS AND NON-FERROUS METALS



**Plastic Regrind
Aggregate
Recycling
Cement
Mining**

MINING AND AGGREGATE

Model 9000 Heavy Duty SurroundScan



Protect your equipment with the Model 9000 Surround Scan metal detector. This three coil design is engineered to detect any type of metal. And to eliminate false triggers, the sensitivity can be adjusted to only look for the metal you want, while ignoring small bits that can just be passed along.

Features:

Heavy duty construction - 3/16" and 1/4" steel
Integral control cabinet - remote control option available
Shipped completely assembled
Sizes for belt widths up to 114"

Applications:

Mining
Coal handling
Recycling
Timber/wood processing
Bulk crop inspection

Optional Enhanced Sensitivity

For applications requiring detection of smaller pieces of metal, the Model 9000 is available in an enhanced sensitivity version, increasing the detector's performance by up to 100%.

Model 9200 SurroundScan

Model 9200 Surround Scan can be easily installed by two workers by simply removing the endplate and placing it around your existing conveyor—no need for forklifts or lifting devices.

Features:

Integral control cabinet - remote control option available
Shipped completely assembled
Sizes for belt widths up to 48"

Applications:

Aggregate
Sand
Cement
Recycling



Model 8200 TroughScan

Space saving design and ease of installation are hallmarks of the **Trough Scan**. Designed to fit snugly beneath a troughed conveyor, this three coil detector will find all types of metal in your product stream.

Features:

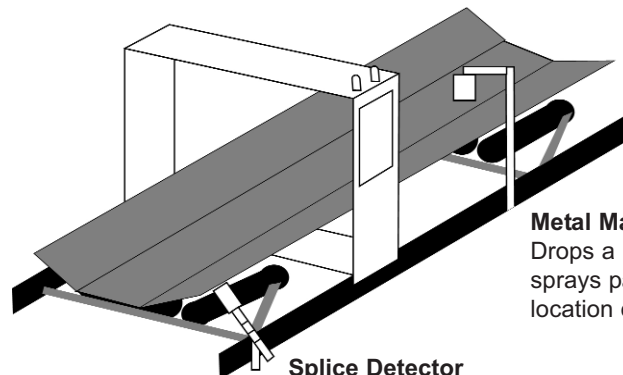
Heavy duty construction - 3/16" and 1/4" steel
Integral control cabinet - remote control option available
Shipped completely assembled
For burden depths up to 8"
Sizes for belt widths up to 48"

Applications:

Aggregate
Sand
Cement



Typical Metal Detector Installation Showing Optional Splice Detector and Metal Marker



Metal Marker

Drops a plastic disc or sprays paint to indicate location of detected metal

Splice Detector

Alerts detector to presence of metal belt clips and repairs, avoiding false triggers

PLASTICS AND RECYCLING

Model 9100 SurroundScan



Improve product purity with the Model 9100 Surround Scan metal detector. This heavy duty, three coil design is engineered to wrap around a conveyor, detecting all types of metal in reground plastics. For applications requiring detection of minute pieces of metal, an enhanced sensitivity version is available.

Features:

- Heavy duty 11 gauge steel construction
- Integral control cabinet - remote control option available
- Shipped completely assembled
- Sizes for belt widths up to 54"

Applications:

- Plastics
- Recycling

When space is at a premium, the Model 8000 FlatScan metal detector may be the best choice. Its rugged steel construction allows this model to be mounted under an existing conveyor, minimizing headspace required above the system.

Features:

- Three coil design
- For belt widths up to 72"
- For flat belts with low burden depth

Applications:

- Plastics
- Rubber
- Recycling

Model 8000 FlatScan



Model 7000 Compact FlatScan



Specifically engineered for modular conveyors, the Model 7000 Compact Flat Scan fits snugly beneath the belt creating a low profile. An optional remote cabinet may be mounted up to 50 feet away, allowing convenient access to controls.

Features:

- Three coil design
- For belt widths up to 36"
- Compact for insertion into frame conveyors

Applications:




- Plastics
- Recycling



DURABILITY STATEMENT

For nearly 20 years, Advanced Detection Systems has been making high quality, durable metal detectors for a wide variety of applications. Built from the highest quality materials and state-of-the-art electronics, our metal detectors are designed to provide years of trouble-free service in any environment.

Metal Detector Selection Guide

		
<p>Model 9000 Heavy Duty SurroundScan</p> <p>Three coil design For belt widths up to 114" Heavy duty construction</p> <p>Applications: Mining Coal handling Recycling Timber/wood processing Bulk crop inspection</p>	<p>Model 9100 SurroundScan</p> <p>Three coil design For belt widths up to 54" Durable 11 gauge construction</p> <p>Applications: Plastics Recycling</p>	<p>Model 9200 SurroundScan</p> <p>Three coil design For belt widths up to 48" Easy installation</p> <p>Applications: Aggregate Sand Cement Recycling</p>

		
<p>Model 7000 FlatScan</p> <p>Three coil design For belt widths up to 36" Compact for insertion into frame conveyors</p> <p>Applications: Plastics Recycling</p>	<p>Model 8000 FlatScan</p> <p>Three coil design For belt widths up to 72" For flat belts with low burden depth</p> <p>Applications: Plastics Recycling Textiles/rubber</p>	<p>Model 8200 TroughScan</p> <p>Three coil design For belt widths up to 48" Under belt installation</p> <p>Applications: Aggregate Sand Cement</p>



All Advanced Detection Systems metal detectors are engineered, manufactured and serviced in the USA. From our headquarters in Milwaukee, WI, we are able to provide prompt sales and service support to our customers in all areas of the country.



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