



DYNAMIC CONVEYOR CORPORATION

We build conveyors. You reconfigure.

Metal Detectors Sense All Metal Types

When detection of metal is needed, DynaCon Metal Detector Modules can be specified. The Metal Detector is capable of detecting all metals – steel, aluminum, copper, brass and stainless steel. The metal detector is integrated into the conveyor module and is available in widths ranging from 8" to 36". Metal detector modules can be integrated into new or existing DynaCon conveyors.

The controls are easy to use, and permit sensors to operate in extreme temperature variations without affecting the performance of the system. Electronic controls have a built-in diagnostics circuit, which monitors all functions of the unit's metal detector. In the event

that metal is detected, the conveyor will be stopped when optional relay contacts are used. Options for audible and/or visual alarms, push-off arms and rejection chutes are available. After initial set-up, controls automatically adjust to the environment in order to provide the best possible balance.

The Metal Detector Module is an ideal system for inspecting plastic scrap for metal contaminants as scrap is conveyed to grinders. Early detection of metal can prevent severe damage to grinder blades and subsequent fouling of injection systems and molded plastic products (where product liability issues could result).

Sensitivity:

