

ACS ADVANTAGE: *SPECIALIZED SOLUTIONS*

CORNER PAD INSERTER



DESCRIPTION

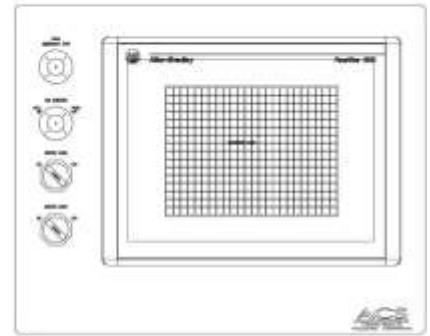
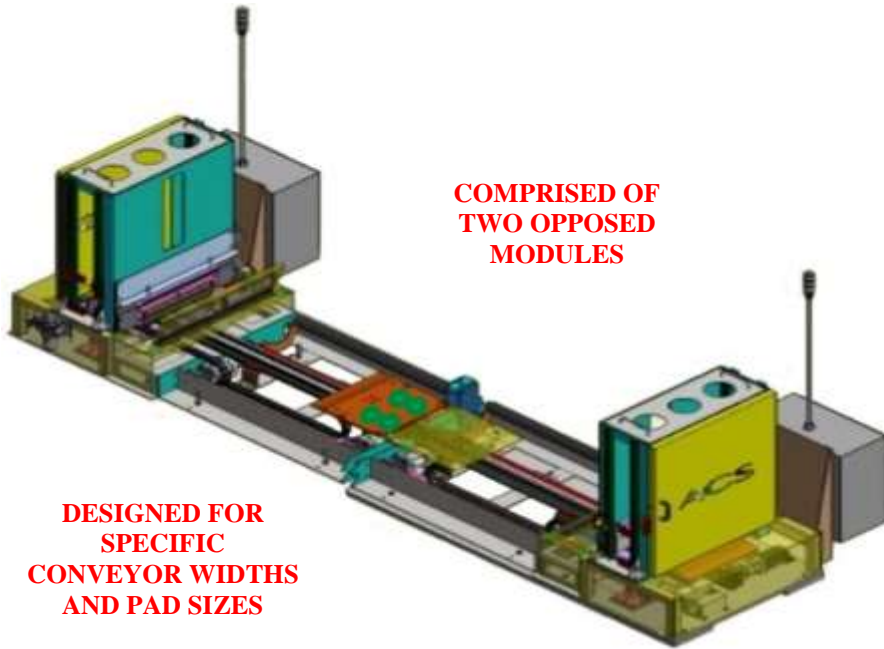
- Consisting of two opposed sections, the ACS Corner Pad Inserter is designed to be mounted partially beneath an infeed section of conveyor to automatically place scored pads beneath loads prior to a strapping operation providing protection to the load as the straps are applied.
- Each section utilizes an integrated pad hopper from which the scored pads are shuttled into position as loads approach on the infeed conveyor section. Pneumatically operated motorized rollers at the outfeed side of the device raise applying the pads as the load transfers to the outfeed conveyor.
- The ACS Corner Pad Inserter is compatible with Stedi-Stak or Powered Roller conveyor.
- Programmed for operation in Auto, Manual and Bypass modes.

FEATURES

- Custom designed for specific between frame conveyor widths and specific sized scored pads (length x width). Can be adjusted to dispense pads of different thicknesses.
- A linear actuator with servo drive is used to propel the shuttle tray into position as loads approach on the infeed conveyor.
- Pads are held in position on the shuttle trays using vacuum suction cups until lifted by the motorized rollers to be placed beneath the load.
- Factory installed pneumatic system.
- An ACS Stedi-Stak hinged tail section is an available option to provide ease of access to components beneath the infeed conveyor.

ACS
Automated Conveyor Systems, Inc.

CORNER PAD INSERTER



**TYPICAL OPERATOR CONSOLE
CONTROLS FOR:
AUTO, MANUAL, AND BYPASS
MODES**

SPECIFICATIONS

Compatible Conveyors:	Stedi-Stak and Powered Live Roller Conveyor (PLR).
Between Frame Widths:	Custom designed for specific conveyor widths. Call factory.
Top of Belt\Roller Elevation:	14.5" (36.83cm) Standard. Call factory.
Pad Size and Capacity:	Custom designed for specific scored pad size (length x width). Example hopper capacity: 4mm thickness @ 260 pads per hopper.
Drive Components:	
Linear Actuator / Servo	Macron 48VDC Belt Drive with Allen-Bradley Kinetix Servo System.
Motorized Rollers	Interroll® with Hybrid Controller.
Infeed Stedi-Stak Conveyor With Hinged Tail (Optional)	NORD 3HP right angle gear motor, 230/460 Volt. Other voltages available.
Air Requirements:	Maximum 80 PSI (5.52 BAR) clean, dry plant air at the drops. Integrated regulator assembly factory set to run at recommended pressure of 60 PSI (4.14 BAR).
Product Construction:	Rugged frame components are precision CNC cut and formed using 1/4" (6.35mm) and 3/8" (9.53mm) steel plate.
Control Options:	
Manual	Operator control console with Allen-Bradley PanelView terminal.
Automatic	Positioning controls with Photo-eyes and Laser Measurement Sensors to facilitate fully automatic operation. 24-Volt Controls standard with 110-Volt controls available.