

## STACK INVERTER - ELECTRIC

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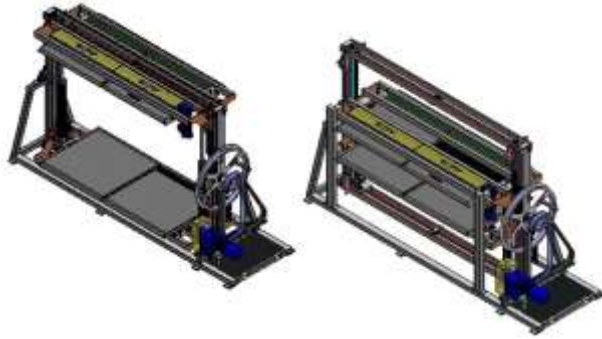
### DESCRIPTION

- The Stack Inverter consists of a modified A-frame supported main section equipped with two moveable rubberized belted conveyor sections to provide controlled 180° bundle inversion before being discharged onto adjacent conveyor.
- Minimum Stack Height – 24" (60,96 cm); Maximum Stack Height 84" (213,36 cm); Pass Through Height 96" (243,84 cm); Maximum Stack Width – 130" (330,2cm).
- Maximum weight capacity: 6500 lbs. (2948,35 kg).
- Designed for automated operation. Manual controls provided with included operator console.
- Custom design characteristics can be engineered to suit specific applications.
- The ACS Stack Inverter can be used with existing or new ACS conveyors and all competitors' conveyors.

### FEATURES

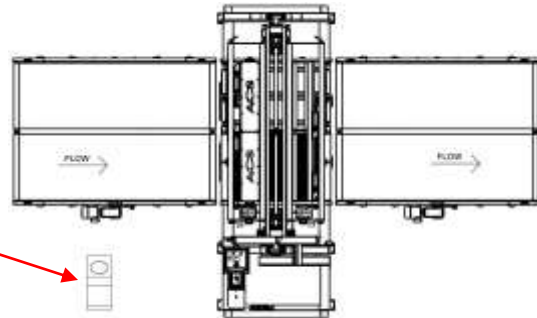
- Inversion is accomplished using a 7.5HP electric brake motor joined to a rotation drum with #100 roller chain.
- Servo motors and electric linear actuators are used to close opposed conveyor beds onto the stack for stability during the inversion cycle.
- Each conveyor bed is powered by a 2HP electric gear motor with brake.
- Rubber-top belting, sometimes equipped with edge and center guides, accepts and holds the stack securely during inversion.
- Equipped with 24VDC controls.
- All motor disconnect switches are pre-wired.

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Conveyor beds open / close using linear actuators driven by servo motors.

Included operator console for manual or automated controls.



## SPECIFICATIONS

<b>Conveyors:</b>	120" (215.265cm) Between Frame x 6'0" (1,829 M) Long Frame standard. For additional sizes, contact factory.
<b>Frame Dimensions:</b>	231.5" (5,88 m) Wide x 123.5" High (3,137 m) x 66" (1,676 m) Deep Frame standard. For additional sizes, contact factory.
<b>Minimum / Maximum Load Size:</b>	Minimum Stack Height – 24" (60,96 cm). Maximum Stack Height 84" (213,36 cm). Pass Through Height 96" (243,84 cm). Maximum Stack Width – 130" (330,2cm).
<b>Maximum Load Capacity:</b>	6500 lbs. (2948,35 kg)
<b>Cycle Time:</b>	60 Loads per hour*. (*Actual rates may increase due to material being compressed).
<b>Drive:</b>	
<b>Servo Motor / Gear Box</b>	Utilizes servo drives with electric linear actuators to open / close conveyor beds. 230V/460V/3PH/60Hz. Other voltages available as needed.
<b>Gear Motors (Conveyors)</b>	2HP Gear motor with brake.
<b>Gear Motor (Inverter Frame)</b>	7.5HP Brake motor with encoder.
<b>Product Construction:</b>	Rugged frame components are precision CNC cut and formed 1/4" (6.35mm) plate and rectangular tube.
<b>Control Options:</b>	
<b>Manual</b>	Operator control console using PanelView terminal.
<b>Automatic</b>	Utilizes 24VDC positioning controls to facilitate fully automatic operation.