**TILTING DEVICE**

**DESCRIPTION**
- The ACS Tilting Device is designed to tilt a strapped load forward 90° before continuing downstream for further processing such as additional strapping, palletizing, etc.

- Loads are transported onto/off the device using 3- 1/4” (8.26cm) wide USP plastic modular load-carrying chains.

- The tilting fork assemblies on both the infeed and outfeed sections of the device are raised and lowered pneumatically using 4” (10.16cm) bore cylinders with adjustable air flow valves.

- The ACS Tilting Device is compatible with ACS Stedi-Stak and Powered Roller Conveyor, and all competitors’ conveyors.

**FEATURES**
- 0.75 HP gear motors drive both the infeed and outfeed sections of the conveyor.

- The individual 3- 1/4” (8.26cm) wide USP plastic modular load-carrying chains are rated for a maximum 562 pounds (254.9 kg) each with maximum capacity dependent on the number of chains utilized.

- Factory installed pneumatic system with independent air regulator assembly.

- The tilting fork assemblies are each rated for a maximum weight of 350 pounds (158.8 kg).

- All drive train components are mounted beneath safety guards to protect against possible personnel injury and equipment damage.

- Pre-wired safety lockout switches.
TILTING DEVICE

SPECIFICATIONS

Conveyor Width: 45” (114.3 cm) Between Frame. For additional widths, call factory.

Conveyor Length: 109” (99.06 cm) Overall. For additional lengths, call factory.

Minimum Height: 12” (30.48 cm) Top Of Belt (TOB). For additional heights, call factory.

Bundle Size: 27” Long x 35” Wide x 42” High (68.58 cm x 88.9 cm x 106.68 cm) Maximum based on stated Conveyor Length (Between Frame) and Conveyor Length above.

Load Ratings:
- Transfer Chains: Each 3-1/4” (8.26 cm) wide chain is rated for a maximum working load of 562 pounds (254.9 kg) assuming a straight pull with maximum load weight dependent on the number of chains utilized.
- Tilting Forks: Each tilting fork assembly is rated for a maximum weight of 350 pounds (158.8 kg).

Drive Components: Nord 3/4 HP, 230Volt/460Volt/3PH/60Hz Right angle gear motors directly coupled to the drive shaft. Other voltages available.

Air Requirements: Recommended 60 PSI clean, dry air at the drops. Pneumatic cylinder operating range 40 PSI (2.76 BAR) to 80 PSI (5.52 BAR).

Product Construction:
- Transfer Chain Panels: Precision CNC cut and formed 3/16” (4.76 mm) steel plate.
- Tilting Assemblies: 1/4” (6.35mm) wall tubing and 1/4” (6.35mm) steel plate.

Control Options;
- Manual: Controlled via operator console.
- Automatic: Electromechanical sensors (e.g.: photo eyes) may automatically actuate the conveyor and device to position and transfer the load. Pushbutton and reversing controls are available.