

ACS ADVANTAGE: TILTING DEVICE

ENHANCED LOAD HANDLING



DESCRIPTION

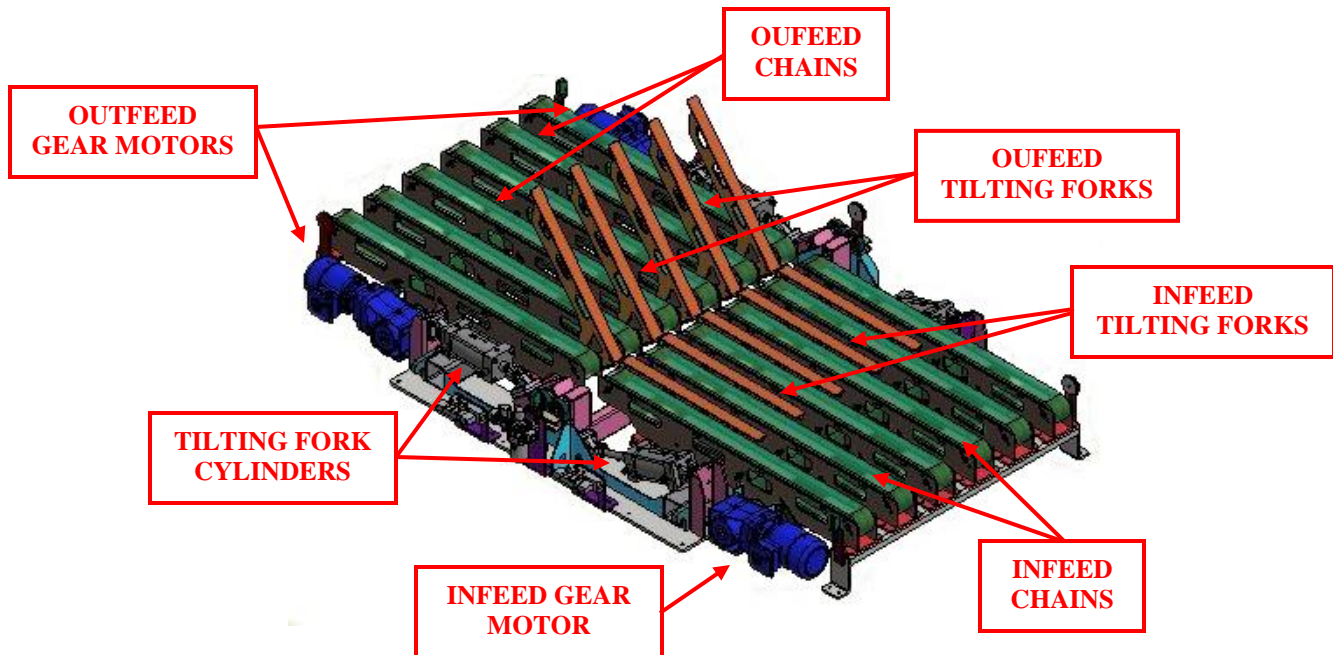
- The ACS Tilting Device is designed to tilt a strapped load forward 90° before continuing downstream for further processing such as additional strapping, palletizing, etc.
- Loads are transported onto / off the device using 3- 1/4" (8.26cm) wide USP plastic modular load-carrying chains.
- The tilting 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.

ACS
Automated Conveyor Systems, Inc.

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" (30.48cm) Top Of Belt (TOB). For additional heights, call factory.
Bundle Size:	27" Long x 35" Wide x 42" High (68.58cm x 88.9cm x 106.68cm) 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 (158.8kg).
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.