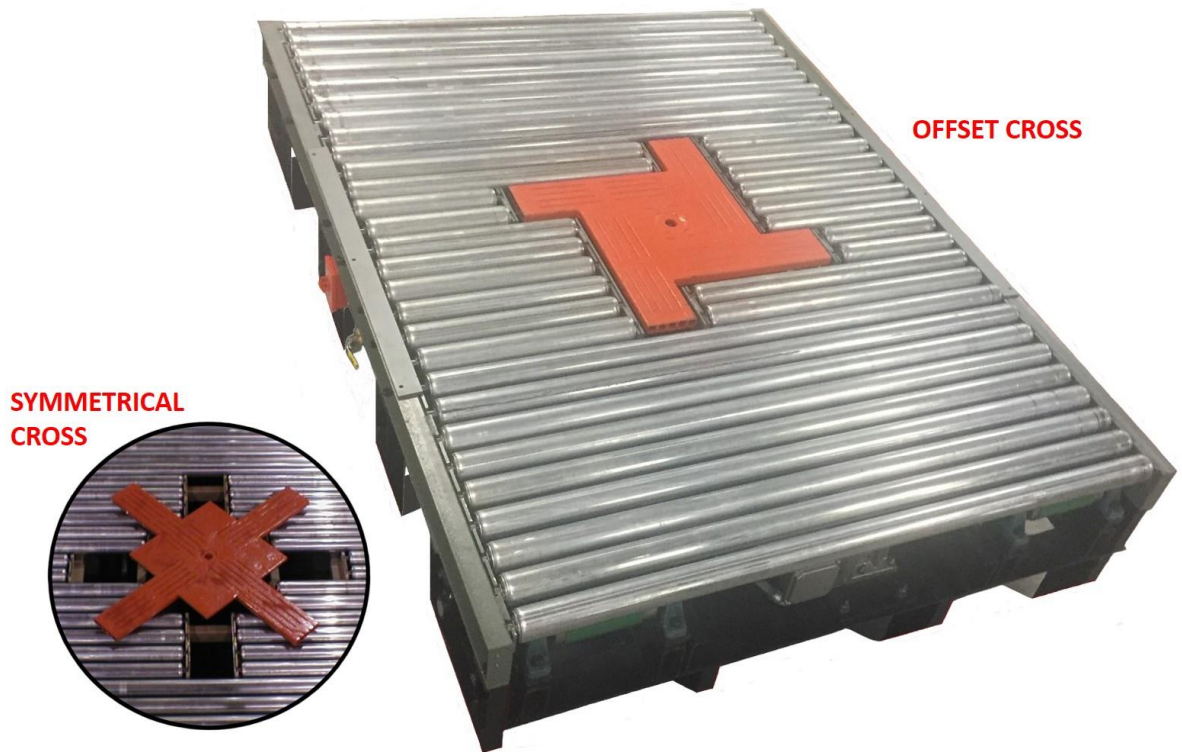


ACS ADVANTAGE: CROSS TURNTABLE

PRECISE ORIENTATION



DESCRIPTION

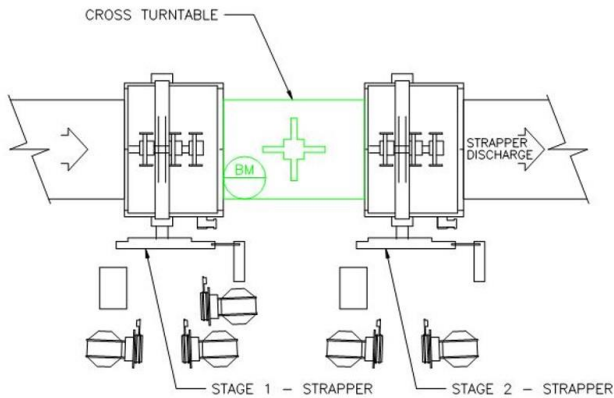
- The Cross Turntable is used to lift and rotate unit loads in increments of 90°. Two types of turning frames are available: Symmetrical Cross Arms and Offset Cross Arms as seen in the illustration above. Offset Cross Arms are recommended for rotating loads on wooden pallets.
- The Lift Stabilizing Frame keeps the load level as it pneumatically raises the load.
- The rigid Cross turning frames mesh with the conveyor rollers to provide a large, stable turning platform.
- The conveyor gear motor combined with probe limit switches mounted internally to the lifting and turning cylinders ensure precise and controlled repositioning of the unit load.
- Available in various widths to match the width of adjacent conveyor.

FEATURES

- Loads are lifted by an 8" bore pneumatic cylinder while rotation is accomplished with a regulated air-over-oil cylinder for accurate load positioning. Complete pneumatic system is factory installed.
- Load transit utilizes either a 1.0 HP 40 FPM (12.19 MPM) or 1.5 HP 60 FPM (18.29 MPM) gear motor.
- Conveyor rollers are driven with two 6" (15.24 cm) drive belts. The belts are driven from a common drive shaft and have individual tension and tracking adjustments.
- Maximum capacity of 3,600 lbs (1,633 kg).
- Pre-wired safety motor disconnect switch, probe limit switches, control panel and operator control console.
- Made with precision CNC cut and punched components.

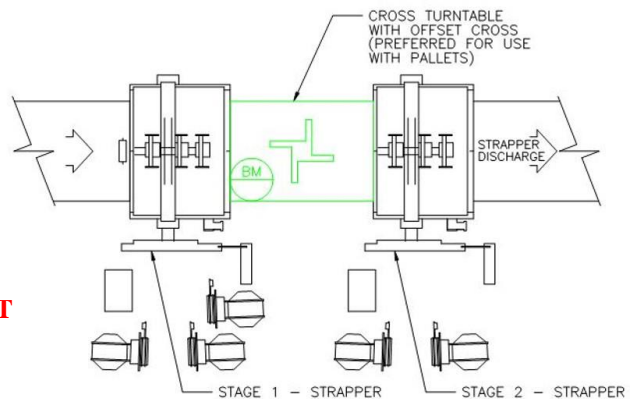
ACS
Automated Conveyor Systems, Inc.

CROSS TURNTABLE



**TYPICAL STRAPPER SYSTEM LAYOUT
SYMMETRICAL CROSS**

**TYPICAL STRAPPER SYSTEM LAYOUT
SYMMETRICAL CROSS**



SPECIFICATIONS:

Between Frame Widths:	60" (1.524m), 72" (1.829m), 84" (2.137m) and 96" (2.438m) Available with Symmetrical Cross or Offset Cross (Offset preferred for use with wooden pallets).
Lengths:	Standard Minimum Conveyor - 8' 0" (2.438m)
Top of Roller Elevation:	12" Standard (30.48cm). Other TOR available.
Load Rating:	3,600 lbs per unit (1,633kg per unit)
Drive Components: Conveyor Drive:	1HP @ 40 FPM (12.19 MPM) or 1.5HP @ 60 FPM (18.29 MPM) gear motor 230V/460V/3PH/60Hz
Minimum Air Requirements:	60 PSI (4.14 BAR) Clean, dry plant air at the drops.
Product Construction:	
Side Frames:	Rugged 5" (12.7cm) structural channel side frames. Floating frame is welded steel construction.
Lifting Mechanism:	Lift provided by air cylinder with 8" (20.32cm) bore and 2" (5.08cm) stroke.
Rotating Mechanism:	Rotation accomplished by hydraulic cylinder (air-over-oil) with 2" (5.08cm) bore and 11" (27.94cm) stroke
Rollers:	2- 1/2" (6.35cm) diameter x 11 gauge high-strength, corrosion-resistant steel tubing placed on 3" (7.6 cm) centers
Control Options:	
Manual:	Pushbutton or Footswitch operator-actuated.
Automatic:	Electromechanical sensors (i.e. Photo Eyes) may automatically actuate the conveyor and turntable to position and rotate the unit load. Pushbutton and reversing controls are available.
PC Automatic:	Electromechanical sensors and control software for an automatic strapping operation actuate the conveyor and turntable to position and rotate the unit load. Pushbutton and reversing controls are available.