

STEDI-STAK TURNTABLE



DESCRIPTION

- Stedi-Stak conveyors are state-of-the-art modular plastic chain conveyor systems that provide a solid traveling surface for unit loads and offer many advantages over other flat top conveyor systems.
- The Stedi-Stak Turntable utilizes two Stedi-Stak beds, each powered independently, and joined together with a pneumatically operated turning post and two Interroll™ Powered Assist Rollers to rotate stacks.
- Control of the Interroll™ Powered Assist Rollers is provided by the Interroll™ Hybrid Control Module mounted between the two Stedi-Stak Beds.
- An encoder is mounted at the base of the turning post to provide precise load positioning.
- The Stedi-Stak Turntable can be used for most corrugated conveying applications and is well suited for use in processes not utilizing pallets.

FEATURES

- Designed for processes not utilizing pallets. Only bottom sheets are needed when multiple stacks comprise a load.
- Beds and assist rollers operate in opposite directions for smooth rotation.
- Automation degree is greatly increased while significantly reducing ambient noise compared to other conveyance systems.
- Minimum gap between conveyor sections offers smooth transfers while stack vibration is reduced to a minimum.
- When used aboard ACS Transfer Cars, combining transport and rotation processes provides more efficient use of floor space.
- Lower repair costs and downtime. Belts can be repaired without removing the conveyor.

STEDI-STAK TURNTABLE



(Left) Detail of a typical Stedi-Stak platform. The tight turnaround of the chain reduces the gap between conveyors to a minimum. *(Right)* The chain wraps around equidistantly-spaced sprockets along the drive shaft.



(Left) Pneumatically-operated Pivot Assembly with Interroll™ Powered Assist Rolls. *(Right)* Interroll™ Hybrid Control Module for precise load positioning.



SPECIFICATIONS

Between Frame Bed Widths: Double 48" (1.2m) Beds, Double 60" (1.5m) Beds, Double 72" (1.8m) Beds, Double 84" (2.1m) Beds. For different widths, call factory.

Lengths: Minimum 5'0" (152.4cm) with turning post only. Minimum 8'0" (213.36cm) with powered assist rollers.
Typical: 8' 0", 10' 0", and 12' 0" (2.43cm, 304.8cm, and 365.76cm) Standard.

Chain Material: Acetal plastic solid platform comprised of 1" (2.54cm) segments joined by lacing rods. Acetal plastic offers super low friction high tensile strength and excellent resistance to wear on continuously highly-loaded conveyors.

Product Size: Minimum: 36" x 36" (91.5cm x 91.5 cm)
Maximum: 160" (406.4cm) Diagonal (based on double 84" (2.1m) beds)

Load Rotation Rating: Maximum Load Per Turning Post: 3,000 lbs. (1360.8 kg) for Floor Conveyor
2,000 lbs. (907.2 kg) for TCAR Applications

Conveyor Speeds: 40 and 60 FPM (feet per minute) (12.19 and 18.29 MPM) Standard.
Speed Options vary by application.

Drive Components:
Conveyor Bed Drives Shaft-mounted gear motor directly coupled to a square drive shaft with sprockets.
Power varies from 1.5 HP to 5 HP (24-Volt Controller available at no additional cost).

Rotation Assy Drives Turning Post with Interroll™ Powered Assist Rollers.

ACS
Automated Conveyor Systems, Inc.

P.O Box 4499 * 6 Millrace Drive
Lynchburg, Virginia 24502-0499
Phone (434) 385-6699 * Fax: (434) 385-9404
Website: www.acsconveyor.com