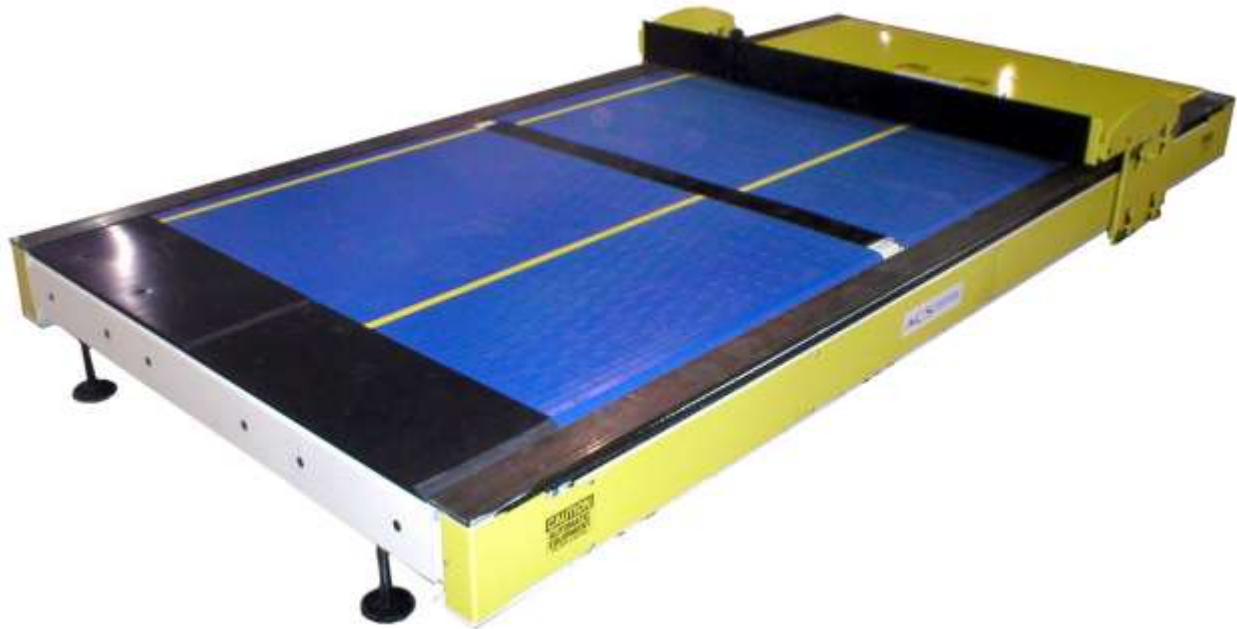


ACS ADVANTAGE: *STURDY RELIABILITY*

STEDI-STAK TRANSFER PUSHER



DESCRIPTION

- The STEDI-STAK Transfer Pusher is used to move a load off the side of a conveyor. The load is positioned in front of the pusher head. When the downstream device or conveyor is ready, the pusher head moves across the STEDI-STAK bed squaring the load and pushing it off the conveyor.
- STEDI-STAK Transfer Pushers are ideal for pushing loads onto slip sheets or pallets and can be operated manually or integrated into an automatic conveyor system. A control console is provided for safety functions, manual operation and selection of automatic modes.
- Typical Pusher Head Drive - 5.0 HP Brake Motor.
- Conveyor Bed Drives available in 1.5 HP to 5 HP depending on application requirements.

FEATURES

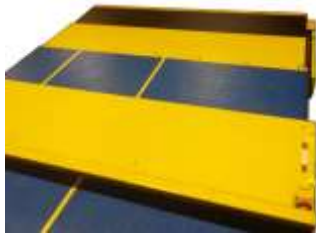
- Pusher Head drive motor protected with a friction clutch.
- Pusher head is typically positioned 5" (12.7cm) beyond the side frame of the conveyor to clear overhanging loads.
- Pusher head guided with hardened cam rollers on a cold-rolled steel track.
- Individual chain take-up rollers.
- Removable chain guards.
- Pre-wired drive motor, safety lockout switch, and rotary limit switch.
- Made with precision CNC plasma cut and punched components.

STEDI-STAK TRANSFER PUSHER

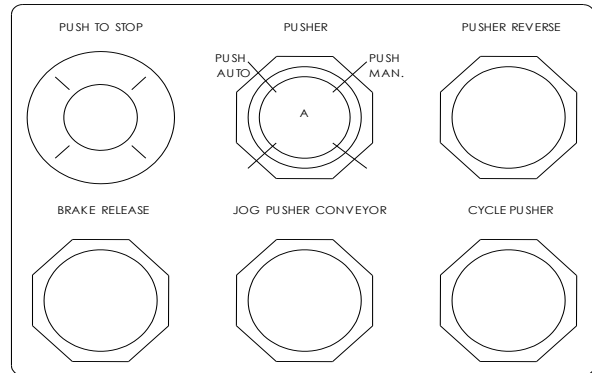
TYPICAL CONTROL CONSOLE LAYOUT



**STEDI-STAK TRANSFER PUSHER
(SHOWN WITH OPTIONAL SHEET INSERTER)**



This photo shows the movement of the pusher head on STEDI-STAK equipped TRANSFER PUSHERS.



This typical control console is used as a manual override intersection control station. Located at the intersection for easy access, it contains manual override controls. Numerous types of priority intersection controls are available and can be additions to this control console.

SPECIFICATIONS

| | |
|--------------------------------|--|
| Compatible Conveyors: | Compatible with most STEDI-STAK equipped conveyor applications. |
| Between Frame Widths: | 48", 60", 72", 84" and 96" (1.2M, 1.5M, 1.8M, 2.1M and 2.4M) |
| Overall Lengths: | Minimum 3'-0" (0.9 m) and up depending on frame width and required horsepower. Typical: 7'-0", 10'-0", and 12'-0" (2.1M, 3.1M, 3.7M) |
| Minimum Height: | 13" (33.02 cm) Top of Belt Standard. (Adjustable foot pads to achieve standard 12" (305mm) Top of Belt) |
| Load Rating: | Typically 90 lbs / ft ² (4.88 kg / m ²) depending on conveyor size, Maximum 15,000 lbs. (6804 kg) per conveyor section using optional 5 HP motor – Call Factory. |
| Pusher Head Speed: | 55 FPM (17 MPM) |
| Product Construction: | Rugged 8" x 4" x 1/2" (20.32cm x 10.16 cm x 12.7mm) steel side frames, 1-7/16" (37mm) diameter CRS drive shaft, and uses 1-3/4" (45mm) and 3/4" (19mm) cam rollers and 1-3/4" (45mm) cam followers to guide the pusher head on a hardened steel track. |
| Drive Components: | |
| Pusher Head Gear Motor: | Typically, a 5HP Brake Motor, 230V/460V/3PH/60Hz. 1 Other voltages available as needed. |
| Bed Gear Motor: | Flange-mounted gear motor directly coupled to a square drive shaft with sprockets. 230V/460V/3PH/60Hz, 1.08 to 2.00 amps depending on conveyor speed. Horsepower varies per application (between 1.5 H.P. and 5 H.P.) |
| Control Options: | Manual: Push button operator actuation Automatic: Positioning controls with sensors and control software utilizing programmable logic controllers to facilitate fully automatic operation |