

CUBE TRANSFERS

IN-LINE LOAD TRANSFER WITH 90 DEGREE TURNTABLE

The in-line load transfer with 90 degree turntable re-oriens cubes while maintaining the current direction of travel.

Standard Features

- Powered roller section assures proper positioning of cube. Rollers are 1-3/4" (44 mm) in diameter and made of solid cold finish steel.
- Cylinder for camming load into discharge position
- Hydraulic turntable rotates the load 90 degrees before discharging onto offload conveyor
- Powered 14 chain cube discharge conveyor
- 6' (1830 mm) powered discharge conveyor

Specifications

Standard Elevations

- 33" to 48" (838 mm to 1219 mm)

Cube Sizes

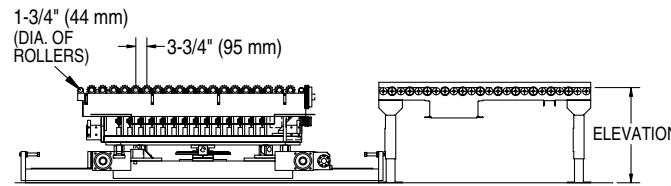
- Up to 48" (1219 mm) wide, up to 64" (1626 mm) long

Hydraulic Requirements

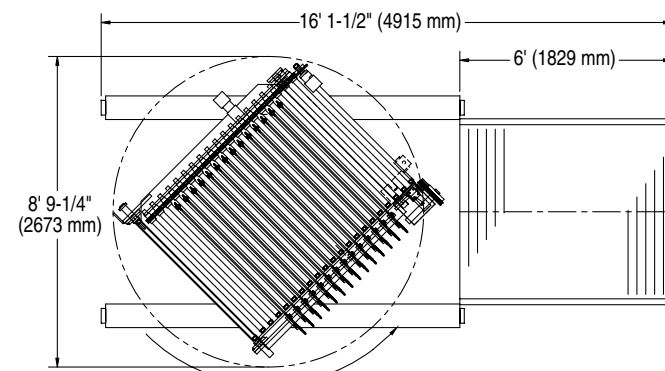
- 10 gallons (38 liters) per minute at 750 psi (peak)

Weight (shipping)

- 8200 lbs (3727 kg)



Side View



Top View

90 DEGREE LOAD TRANSFER

The 90 degree load transfer re-oriens cubes and changes the direction of travel.

Standard Features

- Powered roller section assures proper positioning of cube. Rollers are 1-3/4" (44 mm) in diameter and made of solid cold finish steel.
- Indexing mechanism
- Powered 14 chain cube discharge conveyor

Optional Enhancements

- Micrologix control panel for units sold as stand alone items
- Straight through discharge requires 6' (1830 mm) powered roller conveyor at exit

Specifications

Standard Elevations

- 33" to 48" (838 mm to 1219 mm)

Cube Sizes

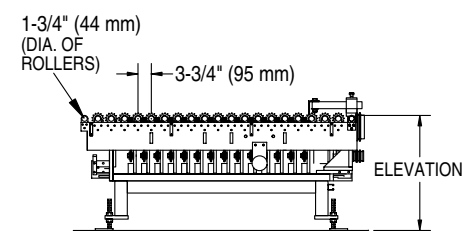
- Up to 48" (1219 mm) wide, up to 64" (1626 mm) long

Hydraulic Requirements

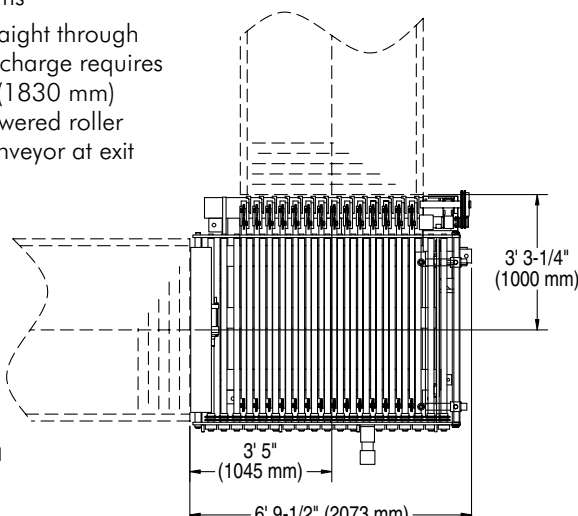
- 10 gallons (38 liters) per minute @ 750 psi (peak)

Weight (shipping)

- 7500 lbs (3409 kg)



Side View



Top View

90 DEGREE LOAD TRANSFER WITH CUBE PUSHER

The 90 degree load transfer with cube pusher re-oriens cubes and changes direction of travel.

Standard Features

- Powered roller section assures proper positioning of cube. Rollers are 1-3/4" (44 mm) in diameter and made of solid cold finish steel.
- Pop-up skate wheel section
- Hydraulic pusher moves cube off of the skate wheels and onto offload conveyor

Specifications

Standard Elevations

- 33" to 48" (838 mm to 1219 mm)

Cube Sizes

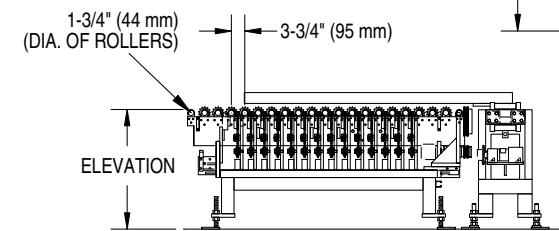
- Up to 48" (1219 mm) wide, up to 64" (1626 mm) long

Hydraulic Requirements

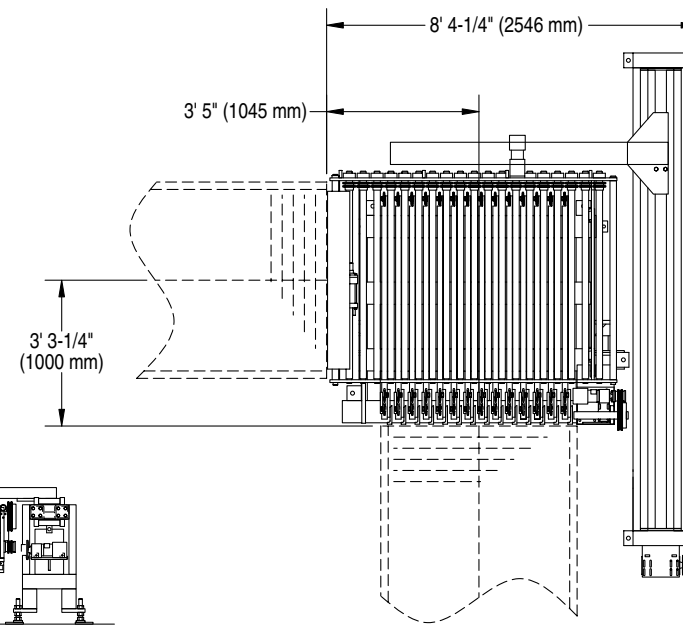
- 10 gallons (38 liters) per minute at 750 psi (peak)

Weight (shipping)

- 10,000 lbs (4545 kg)



Side View



Top View



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For better viewing, all guards, safety devices and signs are not necessarily shown. Some of the equipment shown or described throughout this brochure is available at extra cost. Since the time of printing, some of the information in this brochure may have been updated; ask your Besser sales representative for details.

STRAPPERS AND CUBE TRANSFERS

Besser strappers provide the ultimate packaging protection for your concrete products. Besser has partnered with Signode Industry Packing Systems to develop integrated strapping systems to meet your needs, whether you are strapping your entire range of concrete products or only selected items.

Besser offers both automatic and semi-automatic systems that apply either steel or poly strapping material to cubes of concrete products including block, brick, paving stone and retaining wall units. Systems are available to apply horizontal as well as vertical straps.

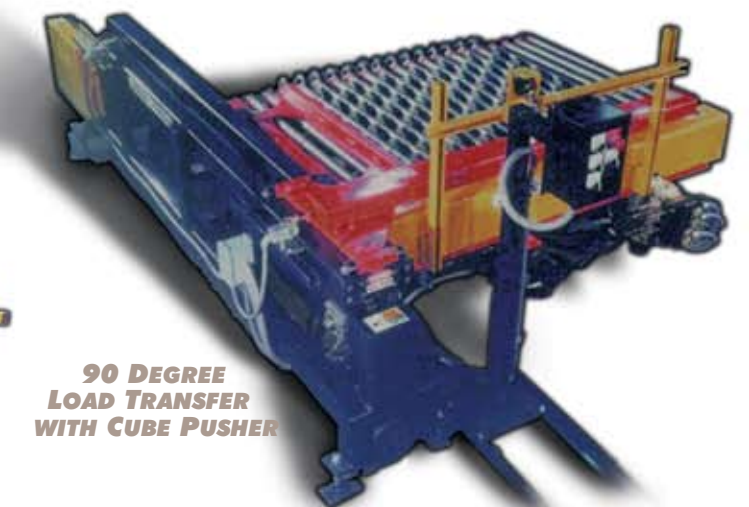
A wide range of cube transfer options is also available. Cube transfers allow you to orient strapped cubes and direct your fork truck offloading for maximum efficiency.



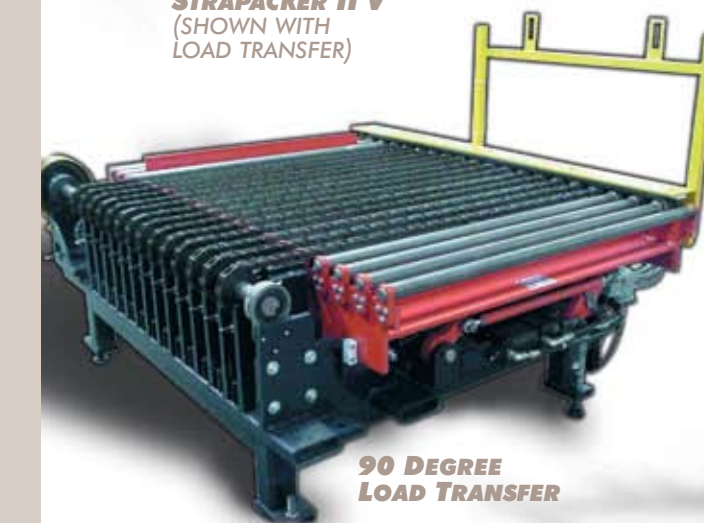
STRAPACKER II V
(SHOWN WITH
LOAD TRANSFER)



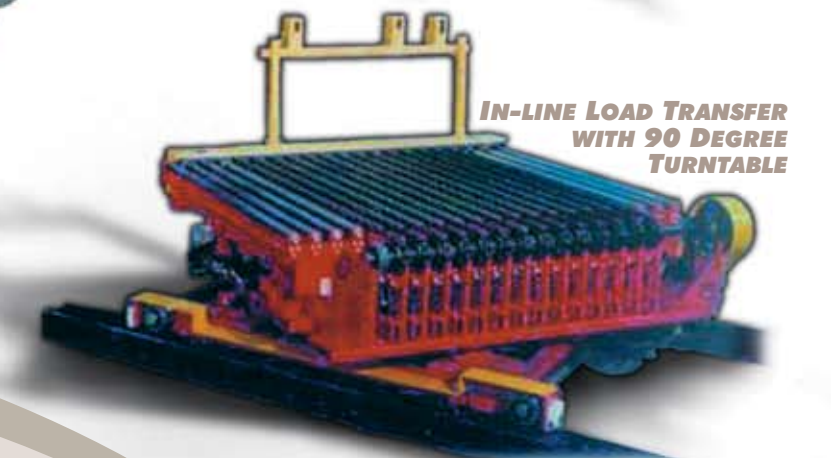
STRAPACKER II H



90 DEGREE
LOAD TRANSFER
WITH CUBE PUSHER



90 DEGREE
LOAD TRANSFER



IN-LINE LOAD TRANSFER
WITH 90 DEGREE
TURNTABLE



STRAPPERS

STRACKER II V

The Stracker II V is an automatic system for strapping vertical cubes. The system indexes loads into position, applies perforated corner lock material, signals the strapping head to apply vertical poly or steel strap, and discharges the strapped cube.

Standard Features

- Heavy duty gravity roller bed
- Hydraulic pusher gate indexes cubes of concrete products through the strapping station
- Double compression bars with 27" (686 mm) clamps apply pressure to assure gaps are closed between concrete products before strap is applied
- Four corner lock dispensers with perforators apply top and bottom edge lock material that ties cubes together
- Signode KLS Steel Strap System or MHT 80 Poly Strap System includes frame, track, strap head and mount, and powered 100 lb strap dispenser

Controls

- Main control panel with Allen-Bradley SLC™ 5/03 and PanelView™ 550 provides integrated control of conveyors, indexer and strap head

Standard Elevations

- 33" to 48" (838 mm to 1219 mm)

Cube Sizes

- 26" to 60" (660 mm to 1524 mm) high and up to 48" (1219 mm) wide

Hydraulic Requirements

- 15 gallons (57.2 liters) per minute @ 750 psi (peak)

Weight (Shipping)

- 8000 lbs (3588 kg)

Optional Enhancements

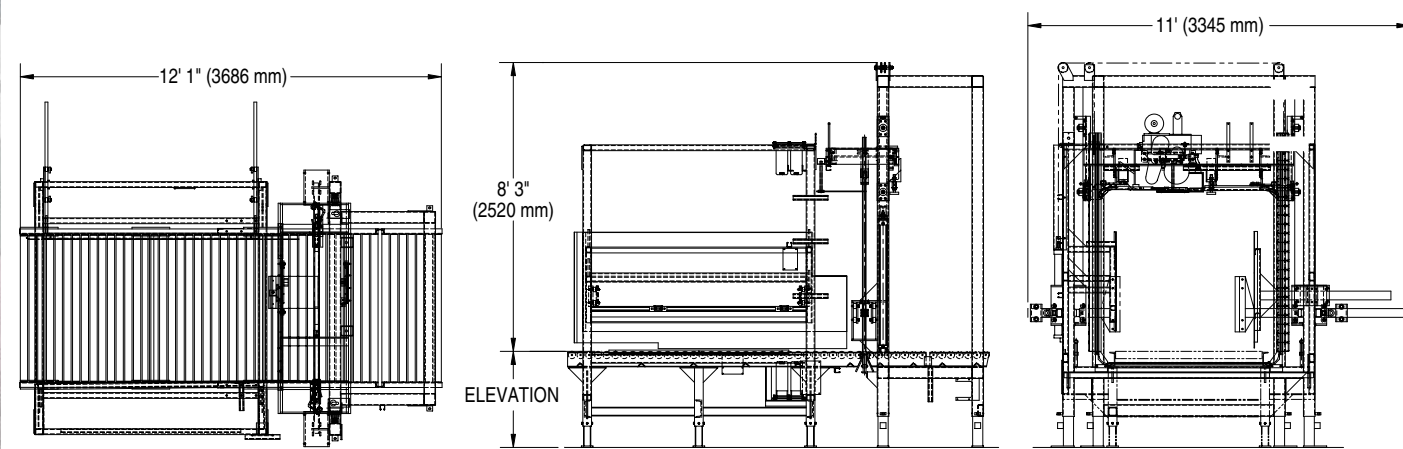
- Powered roller infeed and outfeed conveyors
- Top cover roll dispenser applies plastic to the top of strapped load. A heat knife cuts the material at programmed intervals.
- Bottom cover roll dispenser applies plastic to the bottom of the strapped load. A heat knife cuts the material at programmed intervals.
- Integration of customer supplied poly or steel strapping head
- 10' (3048 mm) powered roller conveyor separates strapped packs for placement of horizontal strap
- Manual strapping chute allows the operator to apply an additional vertical strap

STRACKER II V FOR MULTILAYER CONCRETE PRODUCTS MACHINES

The standard Stracker II V outfitted with these optional enhancements is the perfect machine for packaging products made by multilayer concrete products machines.

Optional Enhancements

- Additional compression station breaks the production bond and includes a 5 degree pivot mount for strap head and track which assures strap tension on non-rectangular shapes
- Infeed slot conveyor moves filled pallets (with or without bottom boards) into pushoff area



Top View

Side View

End View

STRACKER II H

The Stracker II H is an automatic system for applying horizontal poly strap. The system indexes loads into position, signals the strapping head to apply poly strap at defined intervals and discharges the strapped load.

Standard Features

- Powered roller conveyor with hydraulic dual drive and clutch
- Signode MHT 80 Poly Strap System

Controls

- Main control panel with Allen-Bradley SLC™ 5/03 and PanelView™ 550 provides integrated control of conveyors and strap head

Specifications

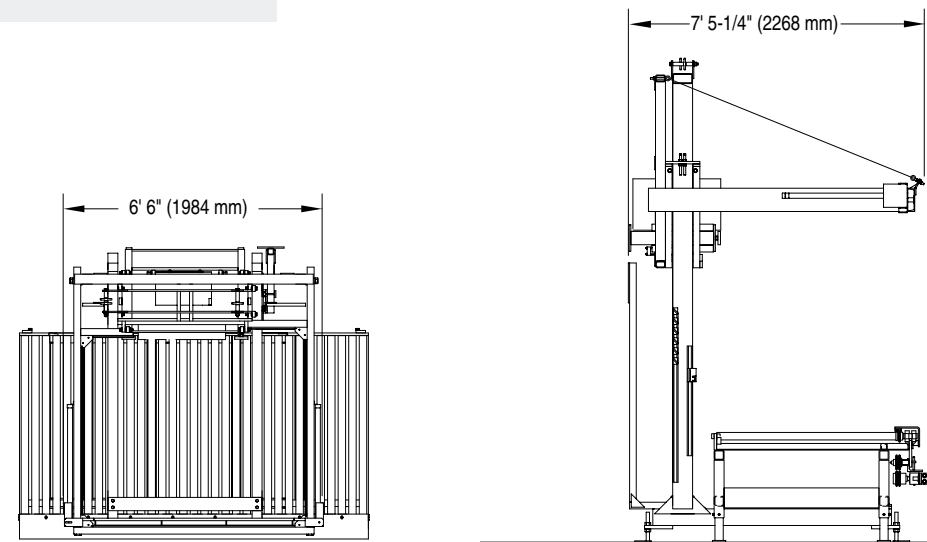
Standard Elevations

- 33" to 48" (838 mm to 1219 mm)

Cube Sizes

- 26" to 60" (660 mm to 1524 mm) high and up to 48" (1219 mm) wide, up to 64" (1626 mm) long

- Paver pusher indexes full loads of pavers off of the production pallets and into the strapper. (This option can also be used with semi-automatic strappers for pavers).
- Pallet staker accumulates empty production pallets once the paver pusher indexes the cube off of the pallet. The staker includes stack lift, stack support latches and hydraulic controls.
- Infeed chain conveyor moves filled pallets with bottom boards into pushoff area



Top View

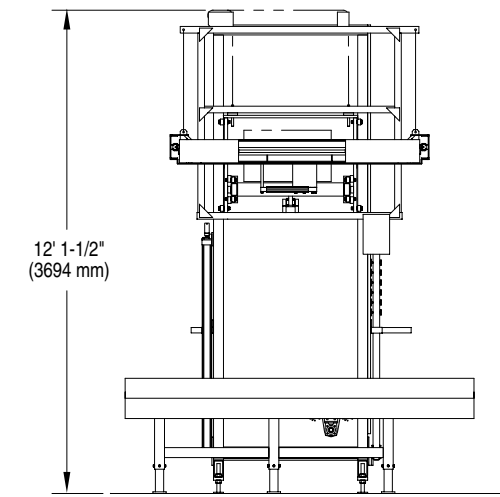
End View

Hydraulic Requirements

- 2 gallons (7.7 liters) per minute @ 750 psi (peak)

Weight (Shipping)

- 2250 lbs (1022 kg)



Side View

SEMI-AUTOMATIC STRAPPER WITH POWERED STRAP SYSTEM

The Besser semi-automatic strapper is an economical solution for producers who strap products on an as needed basis. It provides load compression for a tighter package and increases operator efficiency. It can be located either in line with the cuber or off line so that a fork truck can deliver cubes to it as required.

Standard Features

- 60" (1524 mm) powered roller conveyor with hydraulic drive and hand valve control is capable of handling up to a 50" (1270 mm) wide load
- Hydraulic compression station
- Powered strap track equipped with foot switch control, 100 lb strap dispenser, balance arm and hand strapping tool
- Operator platform and stairway
- Operator controls

Specifications

Standard Elevations

- 33" to 48" (838 mm to 1219 mm)

Cube Sizes

- 26" to 60" (660 mm to 1524 mm) high and up to 48" (1219 mm) wide, up to 64" (1626 mm) long

Hydraulic Requirements

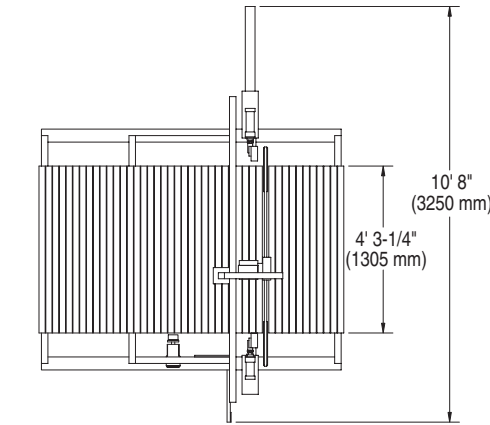
- 6 gallons (23 liters) per minute @ 750 psi (peak)

Weight (Shipping)

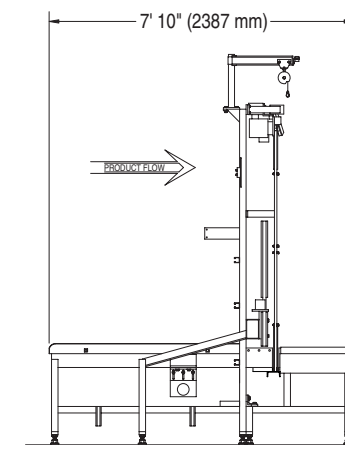
- 3500 lbs (1591 kg)

Optional Enhancements

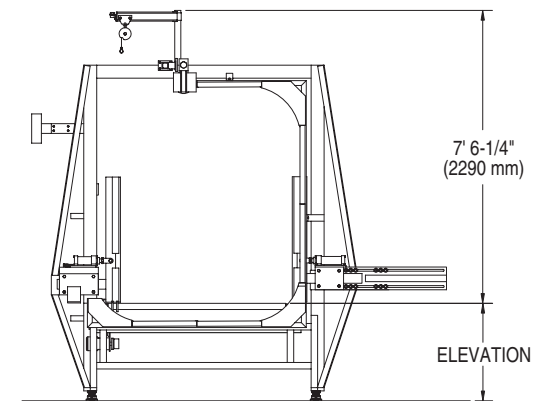
- Corner lock material is dispensed by four lever operated dispensers. Manually operated heat knives cut the corner lock material at desired intervals.
- Top cover roll dispenser applies plastic to the top of strapped load. A heat knife cuts the material at programmed intervals. Maximum plastic width is 40" (1016 mm).
- Bottom cover roll dispenser applies plastic to the bottom of the strapped load. A heat knife cuts the material at programmed intervals. Maximum plastic width is 40" (1016 mm).



Top View



Side View



End View