



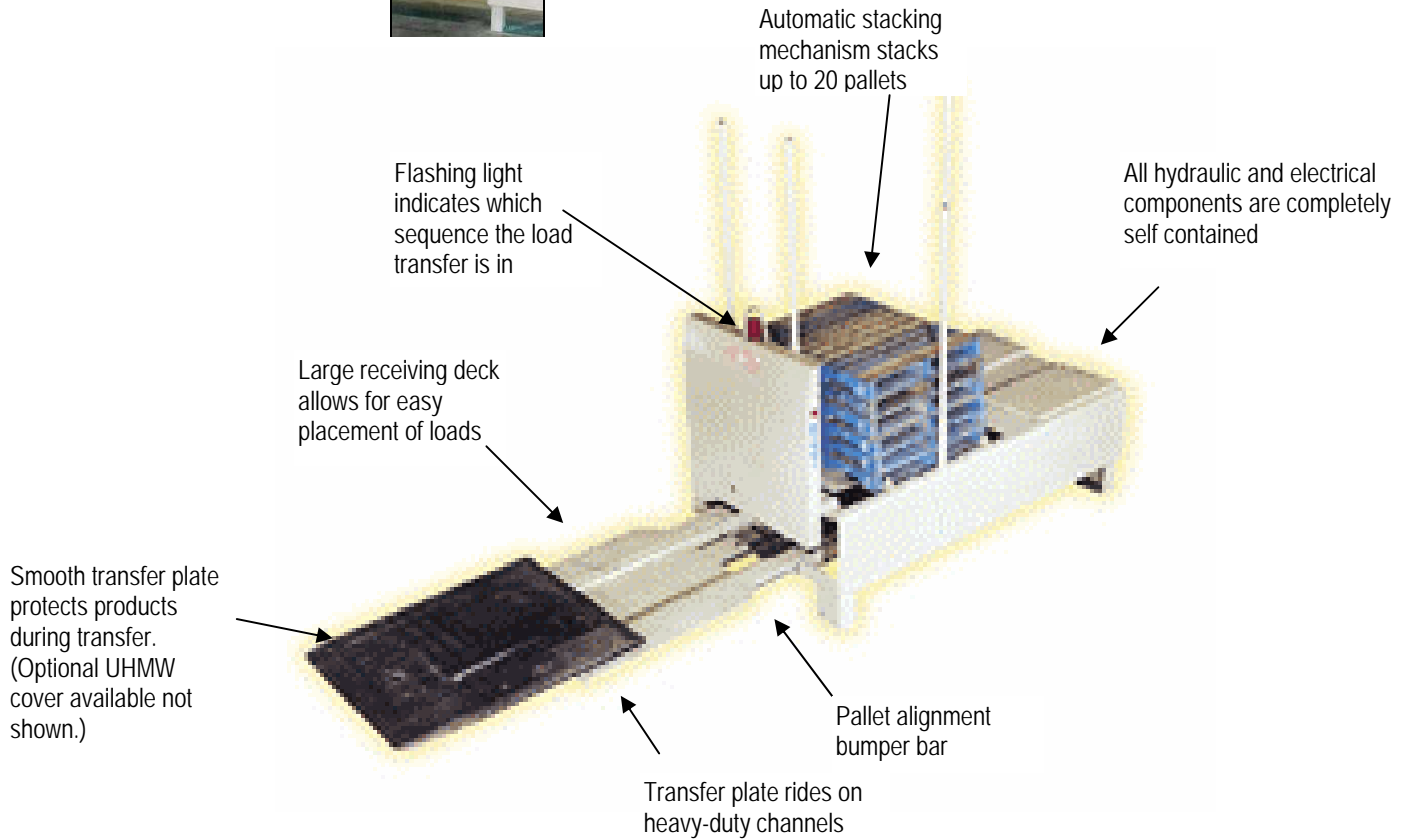
Stand-alone Load Transfer Station

Overhead pivot head controls are a standard feature.



This remarkable materials handling device speeds and simplifies warehousing and shipping by making it easy for a single lift truck operator to transfer loads to alternative pallets or slipsheets.

The Columbia Machine Load Transfer Station (LTS) system greatly simplifies the job of placing unpalletized loads onto the floor. It is an ideal combination for loading containers, rail cars, or truck trailers that will be unloaded manually.



Adapts to Your Work Flow

The LTS is activated by a lift truck operator using a pull cord or a radio remote transmitter. Since the LTS hydraulic and electronic components are self-contained, it can be positioned anywhere that can be reached with a 220 or 440 volt wiring connection. The LTS can be accessed from two sides for loading or three sides for unloading depending on its position in relation to surrounding walls or racks or controls used. The automatic pallet-stacker (magazine) will accept up to 20 standard pallets.

Standard Features

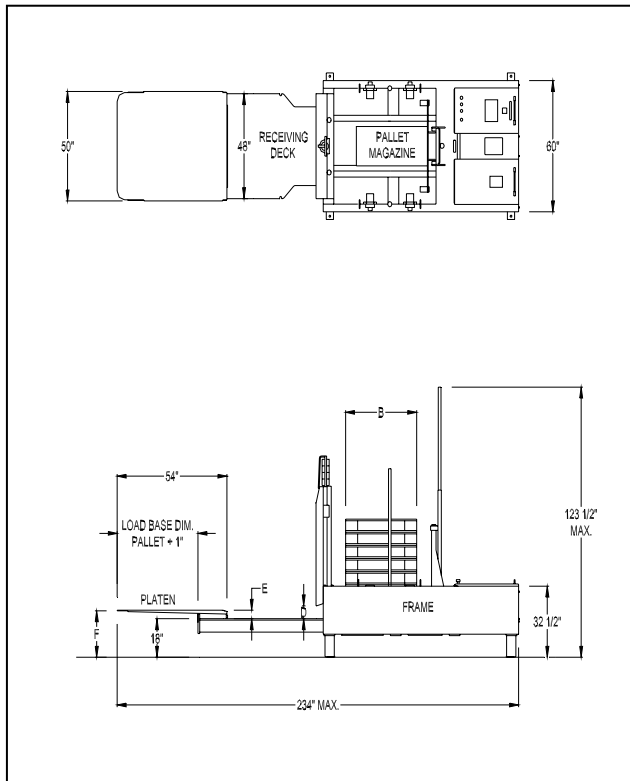
- Allen Bradley PLC
- Overhead pivot pole control
- Pallet alignment bumper bar
- Lexan Cover over electrical panel
- Hour meter (for maintenance schedule)
- Red/Yellow flashing light for indicating operation
- Warning beeper at beginning of transfer plate actuation
- 3 Emergency Stops located around unit

SPECIFICATIONS

Basic Load Transfer – Model: LTS – BA – 00

Description:

A load transfer station made up of a frame, a receiving deck, and a load platen is designed for the purpose of interchanging load bases. The interchange can be from pallet to pallet, pallet to slip sheet, or pallet to no load base, such as onto the platen blades of a push-pull attachment. Load bases are changed to adapt loads for customized shipment or receiving operations. Loads may need transferring to retain expensive plastic pallets, to convert from pallets to slip sheets for transportation savings, or to meet customer requirements. The cycle speed is 30 seconds actual operating time. This may be modified by the speed and efficiency of the operators on the forklifts. Special adaptations can be made to allow the transfer from slave boards to pallets.



Sequence of Operation:

- Loads are placed on inner deck and the station is cycled.
- As the station cycles, the receiving deck and the load platen begin to withdraw into the frame.
- The load is supported by the backrest, allowing the load platen to extract the pallet into the frame and into the pallet-stacking magazine.
- The elevator in the magazine stacks the removed pallet, raising it upward until it becomes the bottom pallet of the stack.
- The load platen has replaced the pallet as it moves smoothly under the load. The load now rests on the platen, awaiting the operator.
- The operator places the outbound load base under the platen and cycles the station. The platen retracts into the frame.
- As the platen retracts, its tapered shape allows smooth vertical placement of the load onto the new load base.
- The operator then cycles the station that returns to the fully extended "home" position, ready for another load.

Pallet Magazine Capacity: **20 pallets**

30 second machine cycle time.

D – 5.6 to 7.1

E – 4.3 to 5.7

PP – 48 stringer X 40 44 Stringer X 48

42 Stringer X 42 40 Stringer X 48

