

SAFETECH

Welcome to a summary of one of Safetech's many materials handling products. This attachment provides a product overview to assist in making better purchasing decisions.

Below you will find:

- Detailed product information
- Technical Specifications
- Product pictures
- A link to the Safetech website for further information



SAFETECH PALLET DISPENSERS

Safetech manufacture 2 types of pallet dispenser - side entry and hook tyne pallet dispensers.

SIDE ENTRY PALLET DISPENSER

- Side entry dispensers incorporate a pair of telescoping tynes mounted onto the deck of a hydraulic table.
- The telescoping tynes project out to support and elevate the pallet stack. This allows the dispensing of the unsupported bottom pallet. The tynes then lower, retract away from the stack, elevate and are replaced in the stack leaving the bottom pallet unsupported to repeat the cycle.
- A wide range of pallet sizes can be handled without alteration to the machine. Loading and dispensing happen from the same side.
- When used with conveyors pallet stacks can be forked or conveyed into position and the individual pallets dispensed onto the conveyor.
- As stand alone units the side entry dispensers can accept a pallet stack placed on the floor and dispense individual pallets onto the floor. This means the pallet stack can be loaded and individual pallets removed using only a hand pallet truck.



Side entry dispenser - dispensing onto conveyor



Side entry dispenser - dispensing onto conveyor

HOOK TYNE PALLET DISPENSER

- Hook tyne pallet dispensers incorporate four swing in hook tynes that raise and lower the pallet stack.
- This design allows flexibility for pallet entry and exit points.
- A significant advantage of this design is the ability to accept a pallet stack from one side and dispense individual pallets to the other side. Pallets can be loaded or unloaded with forklifts or hand pallet trucks. This configuration allows fork lift and pedestrian work areas to be separated whilst retaining the utility of fork lift and hand pallet trucks.



Side entry dispenser - dispensing onto floor

APPLICATIONS

- Manufacturing environments requiring fast pallet throughput. The working height (top of conveyor) can be from zero to 800mm.
- Robotic palletising. Pallet dispensers free the robot for greater efficiency.
- Stand alone floor level pallet dispensers make individual pallets available to operators without the need for a forklift.
- Creation of forklift truck free zones by allowing loading/unloading of the dispenser from 1 side with a forklift and unloading/loading from the other side with a hand pallet truck.



Hook Tyne Dispenser

PALLET DISPENSING ONTO CONVEYOR

- Safetech Pallet dispensers can be mounted above conveyor lines to allow the dispensing of pallets onto the conveyor.
- Both side entry and hook tyne dispensers can be used for conveyor pallet dispensing.
- Side entry pallet dispensers can be modified for closely spaced, low height conveyor as commonly used in fibreboard plants.

OPTIONS

- Infeed and Outfeed conveyors can be supplied in both roller and drag chain formats. The dispenser PLC can handle control of these conveyors.
- Fencing and photoelectric protection is incorporated as required.
- External warning lamp to indicate when dispenser is out of pallets.
- **Safetech Pallet Dispensers can also be used to accumulate pallets.**

SAFETY

- Safetech pallet dispensers are very safe to use but all automatic equipment requires safeguards. This varies according to site conditions and must be considered individually. Safetech can assist in this process.

LIMITATIONS

- Low ceiling height can limit the number of pallets held in the pallet stack.
- Throughput rates in high-speed systems may require the use of more than one pallet dispenser.



In Line Dispenser

SPECIFICATIONS

Pallet size:	1,170 x 1,170 x 150. <i>(Can be modified to suit other pallets)</i>
Pallet capacity:	15-25 pallets
Power:	415V 3 phase. Hook tyne model also requires low volume compressed air
Control:	Pushbutton control panel: Semi automatic mode is standard single button command to dispense pallet. Fully automatic operation is available. Consult Safetech.

Note these specifications are subject to change. Please contact Safetech to confirm



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Safetech manufacture a wide range of materials handling and pallet wrapping equipment. If you would like more information about products in the following categories then please contact us.

LIFTING AND LEVELLING



OVERHEAD HANDLING SYSTEMS

COMPLETE STRETCH WRAPPING



PALLET HANDLING

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