

Pallet Handling Device



Systec's Pallet Handling Device (PHD) is a safe and efficient method of dispensing pallets.

Systec's PHD is a self-contained unit, with all pneumatics and electrical controls housed or attached with the device. This is especially beneficial should the device need to be relocated.

The PHD allows a variation of pallet types and sizes for automatic dispensing. It can be configured with the conveyor to straddle a conveyor line for a "through line" feed or can set alongside a conveyor line for pallet dispensing. This device can also be used to collect pallets, also known as a pallet up-stacker.

As with all Systec conveyor and devices, the PHD is an all-welded steel frame construction, using precision laser cut parts for exact fit and function. This is a very low maintenance device applying the most advanced safety designs and features.



OVERALL CONSTRUCTION

Systec's PHD features a full guarding of the internal moving parts. All framework is all-welded steel frame construction, with precision laser cut and machined components.



CONTROLS

Systec's PHD comes with all controls and hydraulics as part of the device. All adjustments are factory set for the application and no further adjustments are required after the device is installed and running.



DRIVE PACKAGE

Systec's PHD hydraulic drive package provides the power to drive the pallet forks as well as the lift mechanism.

SPECIFICATIONS

Width	62", 74", 86", 98"
Lengths	81" frame with 48" fork extension
Height	62 3/4"
Floor to Bottom of Forks	14" minimum
Drive Capacity	1,000 lb/pallet stack
Hydraulic Pump	1,300 PSI, 2HP, 2GPM, 1.5 gallon reservoir with dump valve
Air Requirement	None

CONSTRUCTION

Main Frame	Laser cut and welded steel construction
Pallet Lift Forks	1" x 4" Pre-hardened and mechanical steel, de-carb free 4140 steel

CONTROL OPTIONS

Automatic	Optional control features provided for a powered roller conveyor for automatic dispensing and pallet staging
Manual	Pushbutton operation (left or right hand mounting)

PALLET SIZES

Maximum Stack Height	78"
Maximum Stack Weight	1000 lbs
Length	Dependent upon the device width (2/3 of pallet area must be supported between forks)
Width	36" - 60"
Height	6"
Void (Gap) Between Runners	See illustration below

