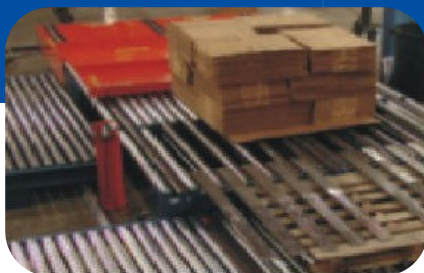


PALLET LOADING DEVICE

Systec's patented Pallet Loading Device (PLD) is an exceptional machine for automating the process of placing a load on a pallet. All components of the PLD system, the load, as well as the pallet, can be automated to center the load on the pallet by both the width and length of the load. Once the load is centered on the pallet, the pallet is then centered back onto the take-away conveyor destined for the next operation, typically a banding or strapping operation. Systec's PLD is a high-speed small footprint palletizing operation.

From the point of load and pallet entering the system, to the point of discharge from the system, the PLD can load up to 90 units per hour. This is a "pit-less" system and requires a minimal amount of floor space. Systec's PLD is a very reliable and durable system. The PLD system is comprised of the pallet loader itself, which includes a self-contained conveyor.



OVERALL CONSTRUCTION

Systec's PLD features all - welded steel frame construction with precision laser cut parts. This is a self-contained unit, including all pneumatic and hydraulic components.



HYDRAULICS

Systec's PLD adjustments are factory preset. The final, fine tune adjustments are made at the time of installation based on pallet sizes and cycle rates. No further adjustments are required once the system is operational.



DRIVE ASSEMBLY

Systec's PLD drive assemblies operate the self-contained conveyor section, and the pusher head. Other components are drive by the 10HP hydraulic package.

PALLET LOADING DEVICE

SPECIFICATIONS

Between Frame Dimensions	72", 84", 96"
Lengths	7', 8', 9'
Top-of-Roller Height	12" T.O.R. to 18" T.O.R., Adjustable
Drive Capacity	3,500 lb/unit
Conveyor Speeds	45 – 90 FPM
Cycle Rating	Up to 90 Loads Per Hour
Air Requirement	80 PSI
Hydraulic Package	10 GPM Variable Volume Pump 30 Gallon Reservoir 10 HP Motor

CONSTRUCTION

Frame	All-welded steel construction
Pusher Head	Heavy gauge steel with six trolley assemblies
Fork Extension	1" x 3" tapered, hardened steel
Safety	Guarding on all moving parts, with toe-guard feature surrounding all exposed areas of the lifting device

AVAILABLE OPTIONS

Automatic	Automatic operation available
Manual	Pushbutton operation available

PALLET SIZES

Width	48" *Pallets wider than 48" won't have full coverage of forks
Length	Dependent on load and head size
Height	5.5" - 6.5"
Maximum Height of Product	60"

