



PALLET SWEEP DEVICE

System's Pallet Sweep Device (PSD) is an efficient way to remove corrugated loads from pallets to infeed a machine. After the palletized load enters a zone, the pusher head is engaged and pushes the load off the pallet and onto the corresponding conveyor line. The load is then sent on for additional processing. After the head returns to the home position, the empty pallet is moved up the initial conveyor line to be cleared.

Each system is custom designed for directional layout, pallet retrieval methods, operational controls, cycle times, and multiple pallet sizes and types. As with all System conveyor and devices, the PSD 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

System's PSD features all-welded steel construction. Heavy gauge steels and precision cut laser parts ensure tighter tolerances resulting in longer life of components and the overall device.



HEAD TROLLEYS

System's PSD features an adjustable head for added clearance when needed for extra wide loads. Internal adjustments such as chain tensioning are easily accomplished at the trolley head hook-up points.



DRIVE ASSEMBLY

System's PSD drive assembly is equipped with a common shaft and dual drive chains. This assures even movement and pressure on the load being transferred.

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SPECIFICATIONS

Between Frame Dimensions	48", 60", 72", 84", 96"
Lengths (Head Length)	4' - 8' on 1' increments
Top-of-Roller Height	12" T.O.R. standard (heights over 12" available)
Drive Capacity	3,500 lb/unit
Conveyor Speeds	Determined by conveyor drive section or internal drive package
Head Speeds	45, 60 FPM
Head Drive	1.5 HP Foot Mounted
Air Requirement	55 PSI

CONSTRUCTION

Frame	All-welded steel construction
Head and Drive Mechanism	Heavy Gauge steel head and trolley assemblies
Chain Drive	Dual #60 chain
Safety	Guarding on all moving parts

CONTROL OPTIONS

Automatic	Positioning controls with electro-mechanical sensor actuation
Manual	Pushbutton operation

