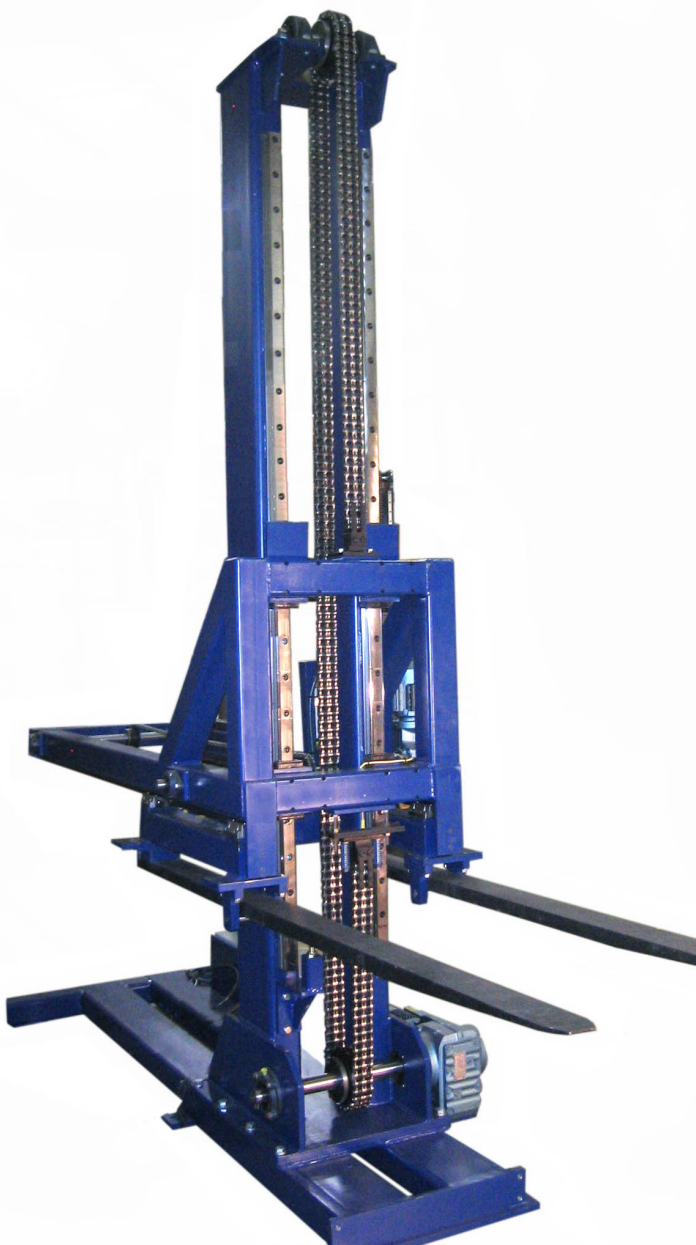


# PS400

## PALLET LOAD STACKER

**Compact one sided stacker  
designed for consistent  
load stacking and maximum  
stability**



**The Kolinahr Systems PS400 Pallet Load Stacker is ideal for high volume warehousing operations where stacking precision and space are factors.**

### **Reliable, Repeatable Stacking**

The PS400 Pallet Load Stacker is designed to stack pallet loads quickly and accurately, saving up to 60 seconds per stacked load versus forklift stacking saving both labor and time while using a minimum amount of floor space.

The PS400 mounts on one side of a pallet conveyor and uses motor-driven forks to grab the pallet and lift it with a second electric motor. The machine is controlled by a PLC which can communicate with the conveyor, stretch wrapper, and palletizer, making it an integral part of the packaging line.

The PS400 tracks pallets via a data stream provided from the palletizer and allows non-matching or partial pallets to pass through.

### **Built to Last**

The PS400 utilizes a heavy-duty, welded tubular steel frame to deliver maximum stability and quick installation, and is ideal for high volume warehousing operations where space is a premium.

### **More Information**

**Online** <http://www.kolinahr.com/products.php?p=6>

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## Technical specifications

Size (L x W x H)	116" x 117" x 138" (2.9 m x 3.0 m x 3.5 m)
Electrical	480 VAC, 60 Hz, 3 phase, 15A 110 VAC, 60 Hz, Single Phase, 15A 24 VDC Control Panel
Pneumatics	2 SCFM (85 Lpm) @ 80 psi, Clean Dry Air
Pallet Size	40" x 48" CHEP or GMA pallet loads traveling broad side first
Maximum base pallet load height	56" on 30" conveyor 68" on 18" conveyor
Maximum lifted pallet load weight	1200 lbs
<b>Options</b>	
Human-readable HMI status display	(WonderWare, Vorne, RSView, PanelMate, PanelView, more)
Customer-specified control system	(Allen-Bradley PLC/SLC/CLX, Flex I/O, Modicon, more)
Maximum base pallet load height	Increased maximum base pallet load height
Custom load sizes	Adaptation for a wide range of pallet load sizes
Stack capability	Multi-stack (3+) capability
Over-stack prevention	"Top Level Full" detector (avoid stacking on top of partial load)
Safety switches	Redundant safety circuit
Turnkey installation	On-site pre-inspection and equipment installation
<b>Standard Features</b>	
Compact size	Uses minimal amount of floor space; easy to install
Variable-speed electrical lift mechanism	Low impact starts and stops Better accuracy of lift placement when setting down load No hydraulics; Low maintenance and environmentally friendly
Pallet Stops	Extremely accurate pallet stacking
Top of Load sensor	Minimizes lifting motion for faster throughput Accurately measures pallet load height
Heavy-duty lift tower	Large posts (10" L x 4" W x 3/8" THK) and mounting ensure maximum stability for pallet load lifting
24 VDC control panel	Safer than 120 VAC control panels
Linear carriage travel rails	Heavy-duty linear bearing for years of quiet, precise dependable operation
Industrial safety features	Wire mesh safety enclosure LEXAN® safety guard around 480 VAC in control panel NEMA 12 controls enclosure Lockable electrical disconnect and air dump valve
Chain safety spring	Spring loaded chain take-up on tower lifting chain provides soft connection to lessen drive impacts during jam conditions
Fault beacon	Initiates operator alert when machine is down

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