

Palletizing Linear Robot

General Specifications

Model		EMA – PL25	EMA – PL50	EMA – PL75
Structure		Gantry Linear Palletizer		
Working method		Linear Cartesian		
Load		25 kg	50 kg	75 kg
Speed		8 cycles / min	5 cycles / min	5 cycles / min
Number of axes		4 axes		
Working Range	X axis	1500 – 2000 mm		
	Y axis	1500 – 2000 mm		
	Z axis	2200 mm		
	Θ Axis	± 180°		
Power source		1 ph , 220 v , 50 HZ		
Power capacity		3 kw	4.5 kw	7 kw
Axes drivers		Servo / Stepper motors		
Control System		Delta Motion Control package		
Precision		± 0.05 mm		

EMA – PL Series

Palletizing linear robot



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Number of axes
4-axis providing a large workspace with high flexibility



Payload
Up to 100 kg



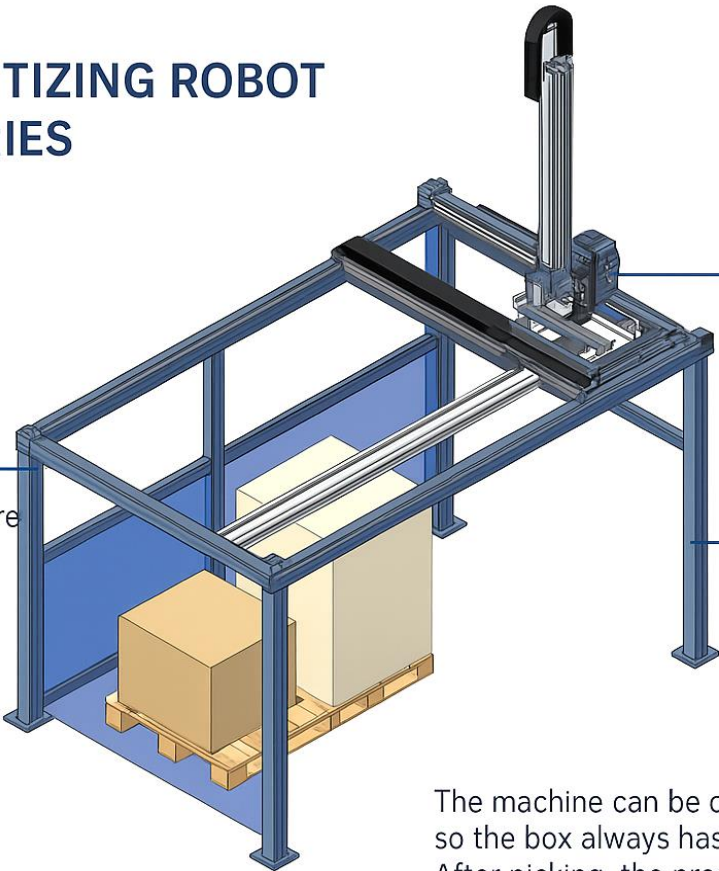
Precision
 ± 0.05 mm

General features

Pallet size	800x1200 mm and optional 1000x1200 mm
Pallet height	1600 mm + pallet, optional up to 2200 mm + pallet
Holding head	suction cups or mechanical gripper
Box size	min 90x150x100h mm, max 400x600x600h mm
Optional	Carton layer/interfold placement on pallet

LINEAR PALLETIZING ROBOT EMATECH SERIES

Robust support structure
with extremely
reduced dimensions



Use of servo motors allows
high precision in pack
positioning

Controlled by Delta PLC.
Easy to use HMI

The machine can be completed with a centering unit
so the box always has the same position on picking.
After picking, the product is positioned on the pallet
placed inside the structure, following the chosen