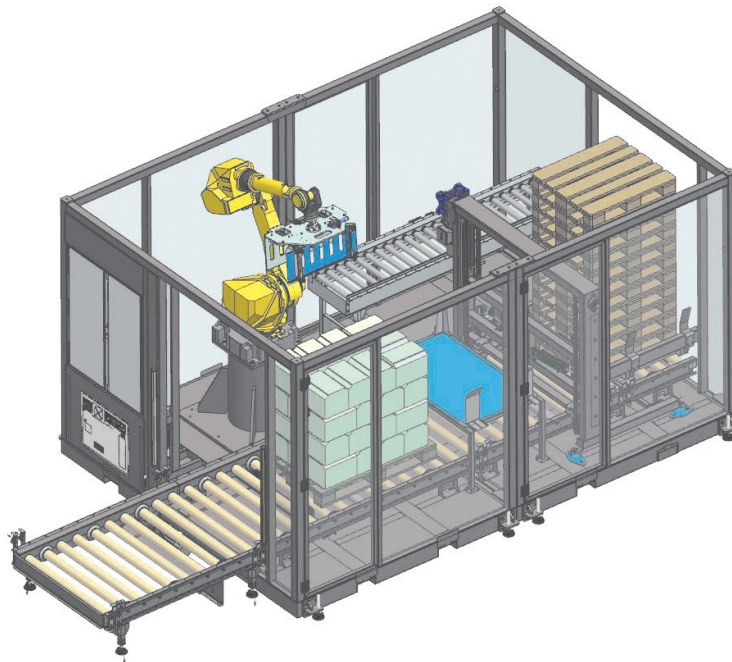


1003

Plug & Play Robotic Palletiser



POWERED BY **FANUC**



EFFICIENT

The Endline Robotics 1003 is a fully automatic robotic system that receives products from a single infeed and palletises according to pre-defined patterns. When palletising is complete the loaded pallet is discharged on a conveyor outside the cell, while at the same time the auto pallet de-stacker adds a new pallet to be palletised.



COMPACT

Due to its small footprint, fully automatic nature, and fast ROI, the 1003 is ideal for sites with limited space and medium-to-large productions.



FLEXIBLE

Designed to handle various pre-defined products or patterns with quick changeovers. Ideal for carton boxes, multipacks, trays, totes and bags.



EASY TO USE

The “Plug & Play” features of the 1000 series make its integration to the line extremely easy. Non-specialised personnel can install, commission and even move the system to different lines within the factory, as the system can be lifted by forklift.



SAFE

Endline Robotics 1,000 series incorporates our 30 years of engineering excellence and combines intelligent design, top quality materials and robust construction.



A SYSTEM FOR LIFE

Can easily be upgraded to cover new requirements, such as new products and patterns, increased productivity, and automatic pallet discharge.



1003 Plug & Play Robotic Palletiser

SCOPE, PERFORMANCE & OPERATION

Handled products	Carton boxes, Display Boxes, Trays, Multipacks, Bags, Totes
Productivity	max 12 cycles per minute
Operation	Fully Automatic
Pallet Positions	Single Pallet on Conveyor with Auto-discharge

PRODUCTS & PALLET TYPES & DIMENSIONS

Minimum Product Size (LxWxH)	230 x 150 x 100 mm
Maximum Product Size (LxWxH)	600 x 400 x 400 mm
Maximum Product Weight	40 kg
Pallet Type	EUR & CHEP
Maximum Load Height	Up to 1500mm; option 1800mm
De-stacker	Yes - Stack of 12 pallets
Forklift, Pallet Truck	Forklift, Pallet Truck

MACHINE DESIGN

Packed Dimensions (LxWxH)	4.600 x 3.150 x 2.300 mm
Working Dimensions (LxWxH)	4.600 x 3.150 x 3.000 mm
Conveyors (LxH)	Roller Infeed Conveyor 2.440 (L) X 451 (W) mm, Pallet Conveyor +1.665 (L) mm
Approx. Weight	4.800 kg, forklift movable
Standard Robotic Arm	FANUC
Gripper Operation	Mechanical

CONTROL

PLC	Siemens
HMI	Siemens
Remote Access	Pre-installed in the system for remote assistance

SAFETY

Safety System	Full Fencing plus safety curtain sensors, Double Emergency Stop circuit, Door Interlocks, CE Certification
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SUPPLY REQUIREMENTS

Power Supply	3 x 32A / 400V - 50 Hz (3P + N + GND)
Air Supply	6 Bar

WARRANTY

Full Coverage Warranty	1 Year - Unlimited Cycles
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OPTIONAL FEATURES

Product Handling	Gripper options for handling various type of products (bags, totes, etc)
Increased Productivity	Multiple product pick - increased productivity
Interlayer	Automatic carton interlayer placement
Extra Pallet Stack	For increased autonomy
Other Pallet Types	Dusseldorf, Plastic
Low-Discharge	Option for Low-Level pallet discharging
Automatic Pallet Handling	Automatic Pallet Handling by Mobile Robots (AMR)
Quality / Product Inspection	Automatic Product Quality Inspection & Rejection (check weighing, vision, etc)
Labelling	Product Labelling on Infeed Conveyor or at Exit

