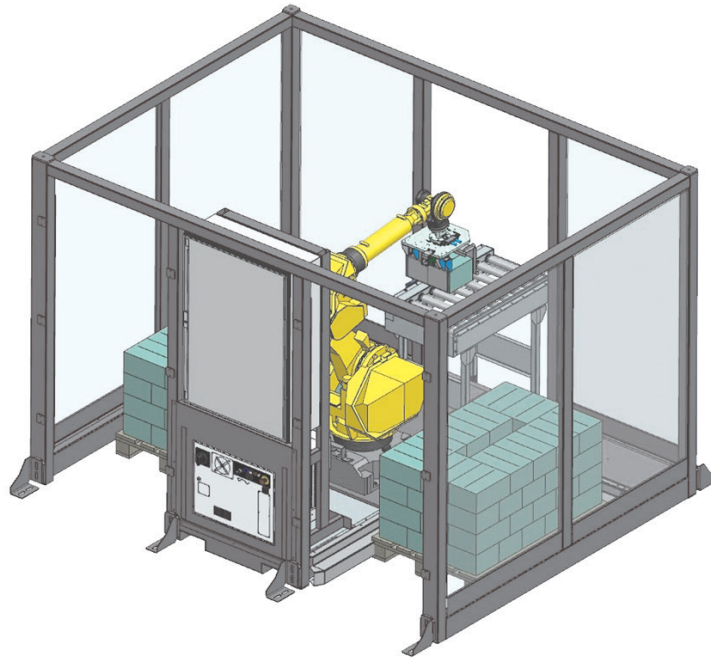


1002

Plug & Play Robotic Palletiser



POWERED BY **FANUC**



EFFICIENT

The Endline Robotics 1002 is a semi-automatic robotic system that receives products from a single infeed and palletises on two pallets positioned on the floor. Once the palletising operation is finished, the system signals the operator to remove the full pallet and continues palletising onto the second pallet.



COMPACT

Due to its small footprint, inherent flexibility, and fast ROI, the 1002 is ideal for small-to-medium productions and sites with limited space.



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.



1002 Plug & Play Robotic Palletiser

SCOPE, PERFORMANCE & OPERATION

Handled products	Carton boxes, Display Boxes, Trays, Multipacks, Bags, Totes
Productivity	max 12 cycles per minute
Operation	Semi-automatic
Pallet Positions	Dual (2) Pallet on Floor

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
Forklift, Pallet Truck	Electric and Manual Pallet Truck

MACHINE DESIGN

Packed Dimensions (LxWxH)	2.400 x 3.080 x 2.300 mm
Working Dimensions (LxWxH)	2.400 x 3.080 x 3.000 mm
Infeed conveyor (LxH)	Roller Conveyor 912 (L) mm x 451 (W) mm
Approx. Weight	2.000 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
---------------	--

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
------------------------	---------------------------

OPTIONAL FEATURES

Auto Pallet Discharge	Upgrade for continuous operation of system
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
Other Pallet Types	Dusseldorf, Plastic, etc
Automatic Pallet Handling	Automatic Pallet Handling by Mobile Robots (AMR)
Orientation	Product orientation according to label

