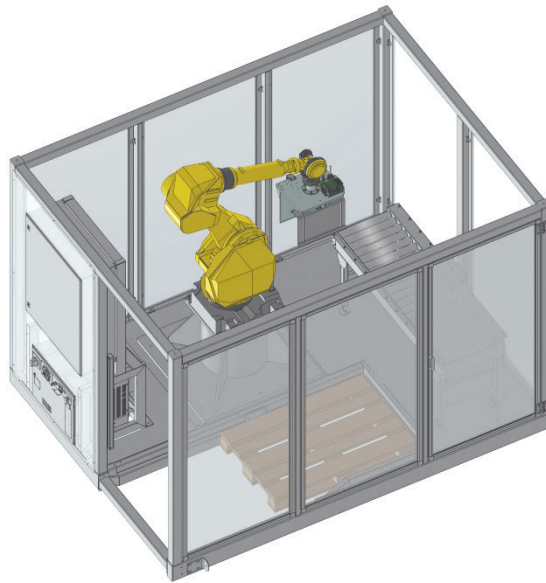




PALLETMAT PM3224

The Plug & Play Robotic Palletizer in a Box



PalletMat PM3224 is a robotic palletizer in a Box that receives cases directly from the production line and palletizes them according to predefined patterns.

With the use of a robotic arm, it ensures high speed and precise product handling while its compact design makes it ideal for sites with limited available space.

The “Plug & Play” features of **PalletMat PM3224** make its integration to the line extremely easy. Even non-specialized personnel can install, commission and even move it to different factory locations. **PalletMat PM3224** is forklift movable.

PalletMat PM3224 is IoT ready and incorporates the latest technologies of Industry 4.0.

Benefits

Reliability / Safety / Minimum Maintenance

PalletMat PM3224 incorporates our 30 years of engineering excellence and combines intelligent design, top quality materials and robust construction, providing high productivity and minimum downtime and maintenance requirements.

Flexibility / Productivity Assurance / Minimized Operational Cost

PalletMat PM3224 is designed to handle various predefined products with quick changeovers. It secures maximum productivity and the reduction of operational costs.

Upgradability

PalletMat PM3224 can easily be upgraded to cover new requirements, such as new products and patterns, checkweighing, QC, etc.



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Technical Specifications

PERFORMANCE

Productivity	max 12 cycles per minute
Robotic Operation	Fully automatic, Cycle, Manual
Handled products	Carton boxes, Display Boxes, Trays, Multipacks, Sacks, Crates

PRODUCTS & PALLET TYPES & DIMENSIONS

Minimum Product Size (LxWxH)	150 x 150 x 100 mm
Maximum Product Size (LxWxH)	600 x 400 x 400 mm
Maximum Product Weight	40 kg
Pallet Type	Europallet, Chep, Dusseldorf, Plastic
Maximum Load Height	1,800 mm

MACHINE DESIGN

Packed Dimensions (LxWxH)	3,200 x 2,400 x 2,300 mm
Working Dimensions (LxWxH)	3,200 x 2,400 x 3,000 mm
Approx. Weight	2,000 kg, forklift movable
Standard Robotic Arm	FANUC, other types available
Gripper Operation	Mechanical, Vacuum, Magnetic
Infeed Conveyor	Chain or Roller Conveyor, Height 1000 ± 30 mm

CONTROL

PLC	Siemens S7-300
HMI	Siemens KTP-700

SAFETY

Safety System	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

Automatic Outfeed	Roller Conveyor
Empty Pallet Destacking	Pallet destacker (Automatic Outfeed is Prerequisite)
Interlayer	Automatic carton interlayer placement
Orientation	Product orientation according to label
Remote Maintenance	Teleservice
Line Monitoring	Line monitoring module for direct reporting of system effectiveness

DISTRIBUTED BY:



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