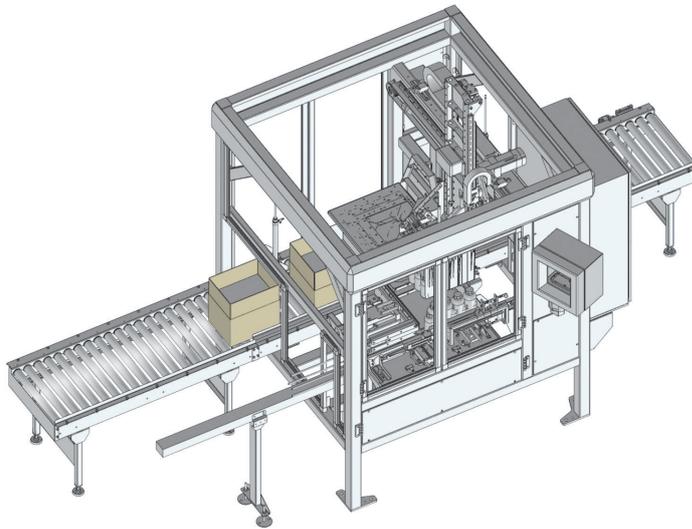




CARTONMAT PP544

The Modular Case Packer



Type "Pick & Place"

CartonMat PP544 is a standalone Pick & Place case packing system. It receives products directly from the production line, groups them according to a predefined pattern, picks them with a specially designed gripper and top loads them into cases. It can be combined with an external case erector and case sealer to provide a complete case packing solution.

CartonMat PP544 features two servo axes and state-of-the-art gripper technology (mechanical, vacuum, magnetic or combination) which ensure high speed, fast changeovers and precise product handling.

Its modular design makes it ideal for sites with limited available space.

CartonMat PP544 is IoT ready and incorporates the latest technologies of Industry 4.0.

Benefits

Reliability / Safety / Minimum Maintenance

CartonMat PP544 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

CartonMat PP544 is designed to handle various predefined products with quick changeovers. It secures maximum productivity and the reduction of operational costs.

Upgradability

CartonMat PP544 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 10 cycles per minute
Operation	Fully automatic, Cycle, Manual
Changeovers	max 10 min
Handled products	Pet bottles, Glass bottles, Cartons, Cans, Aerosols, Flat bottom bags

CASES TYPES & DIMENSIONS

Minimum Case Size (LxWxH)	250 x 200 x 100 mm
Maximum Case Size (LxWxH)	500 x 400 x 400 mm
Case Type	RSC Carton, Display, Tray, Crate

MACHINE DESIGN

Overall Dimensions (LxWxH)	3,500 x 2,000 x 2,600 mm (including infeed & outfeed conveyors)
Infeed Conveyor	Chain or Modular Conveyor Belt, Height (Products) 900 ± 30 mm
Outfeed Conveyor	Roller Conveyor, Height (Cartons) 700 ± 30 mm

CONTROL

PLC	Siemens S7-300
HMI	Siemens KTP-700
Servo & Pneumatics	FESTO

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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DISTRIBUTED BY:



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