

PACKAGING SOLUTIONS

End-to-End Dedicated Solutions for Packaging Applications





GLOBAL LEADERSHIP, LOCAL SUPPORT

A global leader in industrial robotics, Yaskawa has become synonymous with advanced technology and groundbreaking innovation. With solutions tailored for nearly every application and operations in dozens of countries, Yaskawa is proud to serve leading companies in diverse industries throughout the world.

- Over 300,000 robots, 10 million servos, and 18 million inverter drives installed
- 150+ robot models
- Offices in 28 countries
- Solutions for every industry and application
- Global network of integration partners and service providers
- Industry-leading training program (75+ courses, on-site training)
- Ongoing contributions to workforce development and STEM-based education
- 100 years of innovation history
- Continued R&D investment for emerging markets

Customer Satisfaction

Yaskawa delivers unmatched support for clients worldwide, including troubleshooting, maintenance, life cycle management and more.

In packaging applications, everything depends on consistency and efficiency. Whether your focus is food and beverage, pharmaceuticals, consumer products or specialty items, success hinges on ensuring that goods reach the market as planned—complete, pristine and delivered with maximum quality and minimal expense.



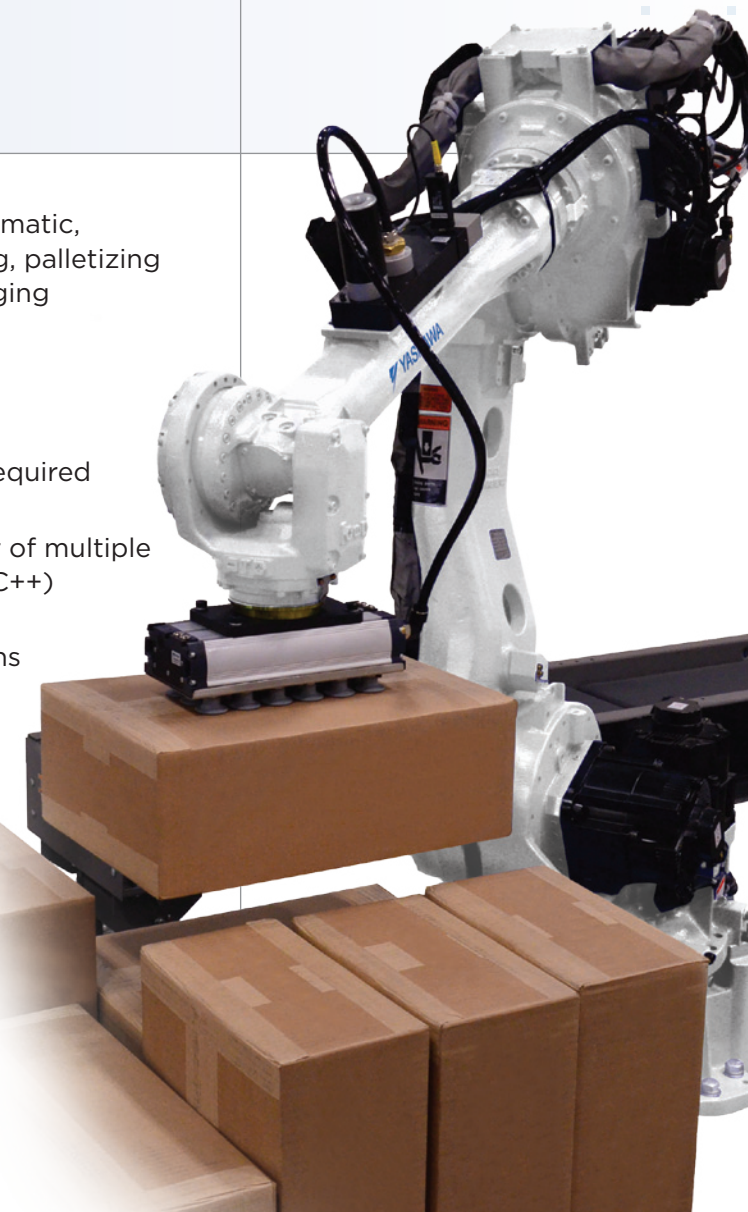
THE AUTOMATION ADVANTAGE

Yaskawa Motoman makes achieving these ideals automatic, with end-to-end robotic solutions for picking, packing, palletizing and warehouse management. We deliver game-changing benefits for packaging applications by improving:

- **Quality:** Achieve consistency in picking, packing, palletizing and preparing for delivery
- **Efficiency:** Dramatically increase speed, decrease required space and reduce operational costs
- **Flexibility:** Leverage unified controls and the power of multiple languages (INFORM™, RSLogix™, LabVIEW™, ROS, C++)
- **Scalability:** Easily adapt to new opportunities and by rapidly scaling up or down and shifting operations
- **Performance:** Depend on enduring reliability, including off-hours, holidays and for decades to come

Proven Partners

Our global network of experienced partners helps clients tailor automation solutions to their precise needs. Our strategic partners can configure and integrate packaging solutions for optimal efficiency, productivity and ROI.



END-TO-END AUTOMATION

PICKING, PACKING, PALLETIZING—PERFECTED

Yaskawa Motoman offers automation solutions for every stage of packaging operations. With Motoman® robots tailored for each task and a wide range of payloads and capabilities, it's easy to configure an ideal solution for your specific needs. Our full suite of products and technologies make integrating and managing your solution remarkably rapid, simple and cost-effective.



Picking

Make primary packaging efficient and consistent with high-speed picking robots designed to be nimble and precise.

MPP3S / MPP3H
3 kg payload, 150 cpm, 800 or 1300 mm horizontal reach, 300 or 600 mm z-stroke, IP67-rated body, NSF-H1 certified food-grade lubricants

MYS-series SCARA robots
6-20 kg payload, 450-1000 mm horizontal reach, 180-420 mm z-stroke



Case Packing

Packing and other secondary operations require a little more power. Our case packing robots are designed for heavier payloads and a greater range of motion.

MH12
12 kg payload, 6-axis, 1440 mm horizontal reach, 2511 mm vertical reach

MH24
24 kg payload, 6-axis, 1730 mm horizontal reach, 3088 mm vertical reach



Palletizing

With payload capacities up to 800 kg, heavy-duty palletizing robots make moving boxes and filling pallets easy.

MPL80
80 kg payload, 5-axis, 2061 mm horizontal reach, 3291 mm vertical reach, NSF-H1 certified food-grade lubricants

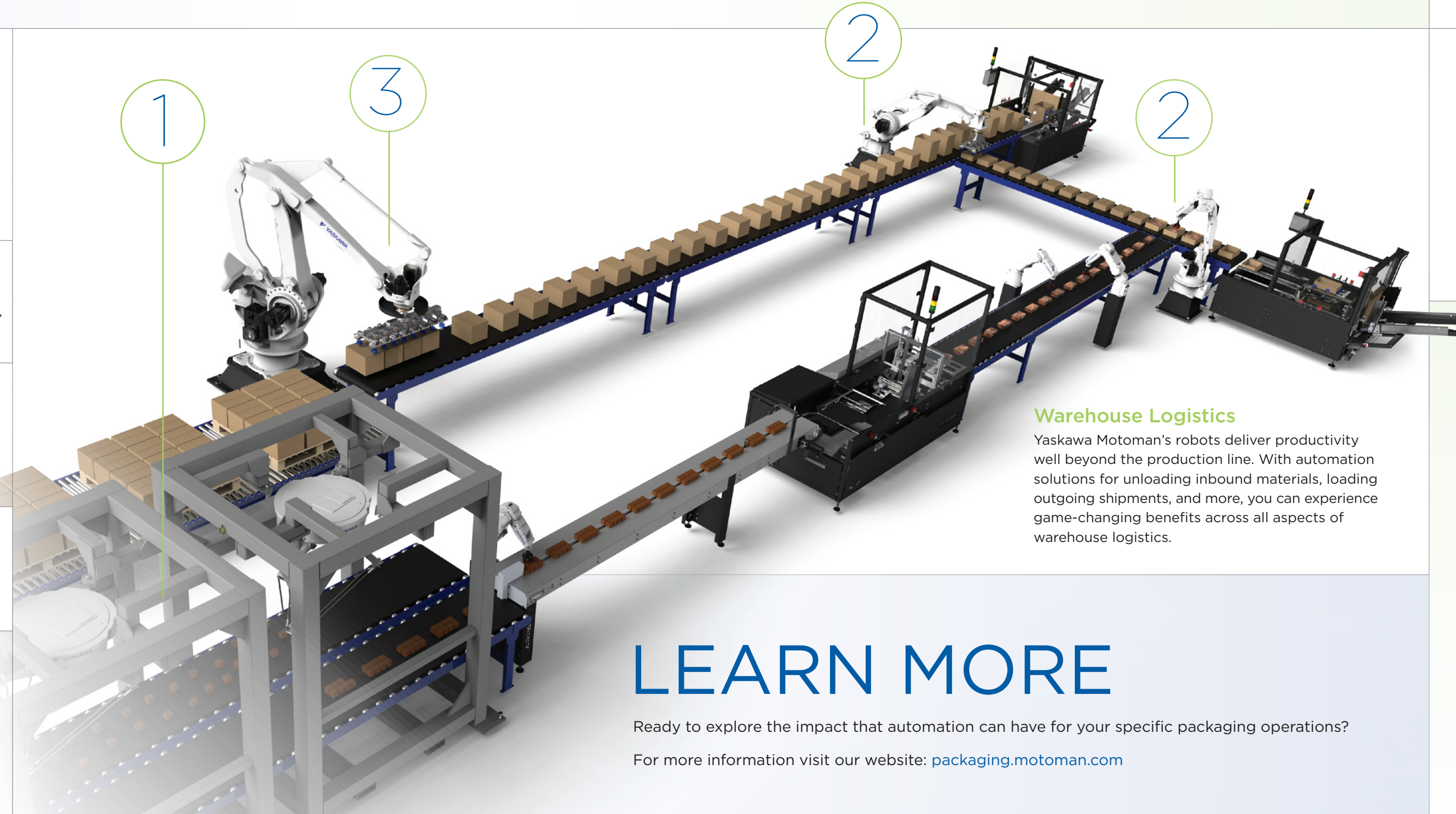
MPL500 / 800
500 or 800 kg payload, 4-axis, 3159 mm horizontal reach, 3024 mm vertical reach

MPK2 / MPK2-5
2 or 5 kg payload, 117 cpm, 5 DOF, 900 mm horizontal reach, 1625 or 1551 mm vertical reach, IP67-rated body, NSF-H1 certified food-grade lubricants

MH5 / MH5L
5 kg payload, 6-axis, 706 or 895 mm horizontal reach, 1193 or 1560 mm vertical reach

MPK50
50 kg payload, 4-axis, 1893 mm horizontal reach, 1668 mm vertical reach, NSF-H1 certified food-grade lubricants

MPL100 / 160 / 300
100-300 kg payload, 4-axis, 3159 mm horizontal reach, 3024 mm vertical reach, NSF-H1 certified food-grade lubricants



Warehouse Logistics

Yaskawa Motoman's robots deliver productivity well beyond the production line. With automation solutions for unloading inbound materials, loading outgoing shipments, and more, you can experience game-changing benefits across all aspects of warehouse logistics.



MLX200
MLX revolutionizes robot programming and control, with an innovative PLC ladder-based programming approach built on Rockwell Automation's CompactLogix™ and ControlLogix™ Programmable Automation Controllers (PAC). This versatile solution enables control of robots and peripheral equipment (conveyors, fillers, sensors) within a single system—with no additional controllers or languages—for unmatched ease of programming, integration and maintenance.



Controllers

DX100 / DX200
Integrated system level control capabilities; energy efficient; patented multiple robot control; ergonomic, lightweight pendant with color touch screen; available with Category 3 Functional Safety Unit (FSU)

FS100
Compact design; compatible with robots ranging from 2-20 kg payload; ergonomic, lightweight pendant with color touch screen; ideal for high-speed picking/packing applications



Our exclusive, feature-rich PalletSolver software allows users to quickly optimize their pallet pattern build process and maximize pallet space usage. PalletSolver features an offline pattern sequencing tool and has the ability to import patterns directly from CAPE or TOPS® software. It features constraints handling and a user-friendly interface to monitor and manage palletizing operations in real time.



Software and Vision

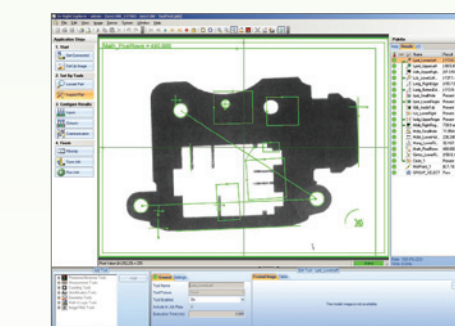
MotoSim® EG VRC
Powerful 3D simulation and offline programming software to optimize automation planning and robot/equipment placement, as well as performing reach modeling and cycle calculations

MotoPick™
High-speed pick scheduling with vision and tracking for multi-robot operations

MotoSight™ 2D / 3D
Easy-to-integrate, comprehensive vision functionality to reduce the cost of expensive tooling for locating parts

Conveyor Tracking
Easy tracking of products or packages on multiple lines for quality and productivity enhancement

MotoPlus™
User-friendly, powerful software to program custom applications for robot control and monitoring



Drives & Motion

Yaskawa's Drives & Motion Division offers a diverse range of top-quality, variable frequency drives, servo products and machine controllers that are integrated into motion-centric automation solutions to improve Overall Equipment Effectiveness (OEE).

Product categories include:

- MPie family of machine controllers from 1-62 axis
- Sigma-5 Servos, including brushless AC servo motors, digital amplifiers, linear motors and direct drive motors
- Variable Speed Drives to meet precise torque and speed control requirements

LEARN MORE

Ready to explore the impact that automation can have for your specific packaging operations?

For more information visit our website: packaging.motoman.com



Since its founding in 1915, Yaskawa has delivered breakthrough innovations to help customers increase efficiency, improve quality, boost productivity and achieve outstanding ROI.



motoman.com



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Pointe Claire, Quebec, Canada
Aguascalientes, Ags., México
Apodaca, Nuevo León, México
El Marques, Querétaro, México
Diadema, São Paulo, Brazil