

Flexible end-of-line solutions...guaranteed to perform





INNOVATIVE PACKAGING AUTOMATION SOLUTIONS

Packaging Automation Corporation is a dynamic engineering company focused on providing innovative, flexible end-of-line solutions to a variety of industries. Our solutions include case and tray packing and unpacking, palletizing and de-palletizing, carton loading, partition/divider/slip sheet inserting, accumulating and collating, and conveyor systems. We design, build, test and integrate these systems into our customer's production facilities to create efficient, flexible packaging automation solutions that dramatically enhance productivity and capacity.



ENGINEERING SPECIALIZATION

Because of our geographic location in the nation's food-belt, we have developed a unique expertise in addressing the packaging automation needs of the food industry. Packaging Automation Corporation has over 30 years of proven industry design and build experience. Our staff of mechanical and electrical engineers has gained a wealth of knowledge developing durable end-of-line solutions using mechanical, servo and robotic technology. We are unique in our ability to provide a full range of services to our customers, including needs assessment, problem solving, design, build, test, installation, training, troubleshooting and service support.



THOUGHTFUL DESIGN APPROACH...GUARANTEED RESULTS

Our philosophy is to develop a clear understanding of the productivity challenges facing our customers, and to provide innovative, cost-effective solutions that incorporate the most appropriate technology to meet their needs.

Accomplishing this requires that we take the time to gain a thorough understanding of the conditions impacting each manufacturing setting. This upfront effort helps us ensure that our packaging automation solutions properly address the challenges facing our customers, including productivity improvements, product line flexibility and plant personnel skill levels. Our solutions must integrate seamlessly into each setting to achieve and maximize the desired results. We have a strong commitment to doing everything possible to assure that the improvements promised, are in fact met. We back this up with an unprecedented two-year warranty, and a guarantee that our packaging solutions will perform up to expectations.

ASSESSING YOUR NEEDS

There are many reasons to consider automating your end-of-line packaging, including reducing production bottlenecks, increasing production capacity, reducing labor content, improving quality, improving line changeover flexibility, improving employee safety and more. Whatever the reason, the project should begin with an understanding of why automation is being considered, what problems need to be solved, what unique packaging issues need to be considered, and how the system can integrate into the production process to create a seamless end-of-line packaging system.

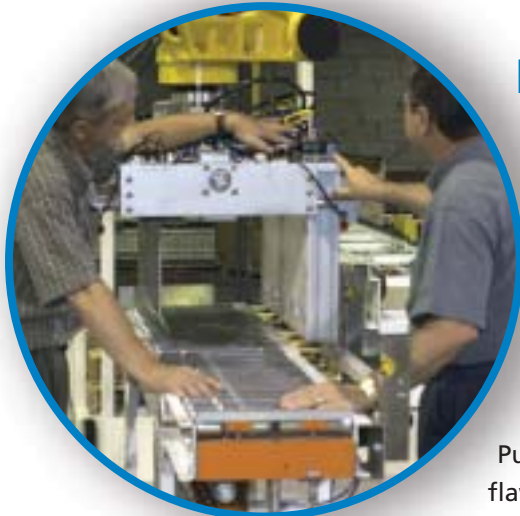
Packaging Automation Corporation has a staff of experienced design engineers skilled at assisting customers in defining what automation might do for them in different areas of their end-of-line processes, and what productivity gains are possible with each possible solution. This process clearly defines the project scope and cost, together with a realistic assessment of the productivity gains possible with each solution. Together we agree on a cost-effective solution that accommodates your needs.



THE PROPOSAL

We put a significant emphasis on developing a proposal that comprehensively defines project objectives and scope, work responsibilities, project cost, payment schedules and a realistic time schedule. Our engineers thoroughly assess each technology we are recommending to assure we are comfortable that it will meet or exceed customer expectations. We include technical literature supporting the different technologies we are proposing, as well as drawings where applicable.

C O S T - E F F E C T I V E S O L U T I O N S

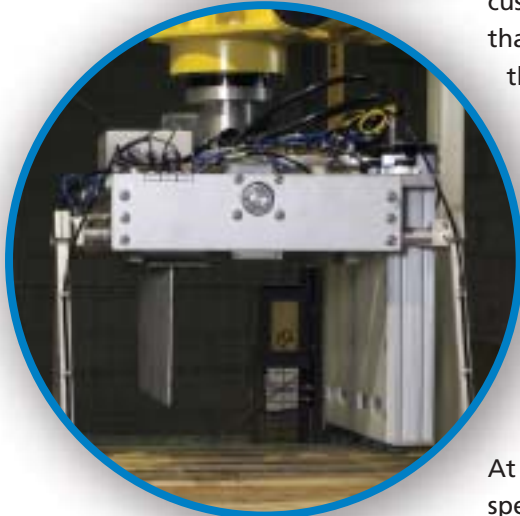


INSTALLATION AND TRAINING

We offer our customers full installation and training services to assure that our systems are installed on schedule, with minimal downtime, and start-up without complications. While we realize that some customers prefer to do their own installations, we stand ready to support their efforts as needed.

SERVICE SUPPORT

Purchasing well-designed and integrated end-of-line packaging solutions that flawlessly perform, day-in and day-out, is the undisputed objective of every customer. While we continuously strive for flawless performance, we realize that electrical/mechanical components can fail. It is during those times that the true quality of your service provider will be revealed. Packaging Automation Corporation has a staff of competent engineers and technicians that are skilled at troubleshooting and servicing the equipment we supply, assisting with the diagnosis and repair of any mechanical, electrical or software related problems that may occur. We have the ability to respond within 24 hours, with an objective of same-day service.



OVERALL DESIGN PHILOSOPHY

At Packaging Automation Corporation, we understand the importance of speed, flexibility and footprint in our designs, and work hard to make sure our customer's needs are met or exceeded in all areas. This includes the extensive use of low maintenance, high duty cycle components in our designs. We believe that our uncanny focus on developing high quality, cost-effective solutions that meet or exceed customer specifications, uniquely positions Packaging Automation Corporation as a supplier of choice in the industries we serve.



COMPLETE IN-HOUSE CAPABILITY

ENGINEERING DESIGN AND BUILD

The design process begins with the development of a complete design layout of the system, which is then sent to our customer for approval. Once approved, we develop the drawing package, detailing exactly what we are planning to build. The various purchased components are then procured and brought in for assembly. At this stage, we also schedule the production of any components we are manufacturing as part of the system. When the components arrive, we build the system totally in-house, utilizing our extensive engineering and metal fabrication capabilities to complete the project in a timely, cost-effective manner. When the build cycle is finalized, we begin a comprehensive testing and debugging process to assure that system performance meets or exceeds customer specifications. We then develop an operating manual that describes how to install, use and maintain the system. When we are satisfied that everything meets specifications, we schedule the customer to come in for an acceptance test. After approval, we dismantle the system and package it for shipping.



OUR MANUFACTURING CAPABILITY

Packaging Automation Corporation has the resources and in-house capability to build and test end-of-line packaging automation solutions, ranging from simple mechanical systems to the most complex robotic systems, on our manufacturing floor. Our modern 70,000 square foot manufacturing facility includes state-of-the-art machining, metal fabrication, welding, painting and assembly equipment. Having these capabilities in-house helps us to more effectively control costs and maintain time schedules, giving our customers the added confidence that Packaging Automation Corporation will meet their critical timeframes.



2 - Y E A R W A R R A N T Y

FLEXIBLE END-OF-LINE SOLUTIONS...GUARANTEED TO PERFORM

We invite you to experience the difference in working with a packaging automation supplier that always puts your needs first. We are confident that you will quickly realize and appreciate the added value we deliver.

- ▶ Proven assessment skills to analyze and recommend automation solutions
- ▶ Full service capability under one roof – assessment, problem solving, design, build, test, installation, training, troubleshooting and service support
- ▶ Extensive industry experience
- ▶ Strong design skills related to developing end-of-line, flexible automation solutions
- ▶ Ability to supply fully integrated solutions on a cost-effective basis
- ▶ Proven troubleshooting and service support skills
- ▶ Ability to provide 24 hour response
- ▶ Preventative maintenance orientation translating into long life, durable systems
- ▶ 2-year warranty with guaranteed performance to specifications

INDUSTRIES SERVED

- ▶ Food and beverage
- ▶ Confectionery
- ▶ Dairy
- ▶ Meats
- ▶ Fruits and vegetables
- ▶ Pet foods
- ▶ Chemical manufacturing
- ▶ Industrial/consumer durable goods
- ▶ Paper manufacturing
- ▶ Pharmaceuticals

