



PRECISION AUTOMATION[®]

70 YEARS OF INNOVATIVE AUTOMATION SYSTEMS
SERVING A GLOBAL MARKET



www.precisionautomationinc.com

POSSIBLE WITH PRECISION

LINE INTEGRATION SERVICES

Complete systems for packaging, labeling & processing applications. Our skilled team designs, manufactures and implements efficient automation solutions for your business.



- ✓ Improve Ergonomics
- ✓ Increase Productivity
- ✓ Reduce Operating Costs

STREAMLINE YOUR PROCESS

A true turnkey solutions provider that implements processing, labeling, and packaging machinery to improve your production & increase efficiency. **Precision Automation®** integrates various types of automation machinery to increase throughput and reduce downtime for your entire operation. We integrate the appropriate systems into our customer facilities to help develop and improve manufacturing processes. Following conception of the line layout, our team designs a detailed and precise solution for one or multiple lines to label, fill, cap, code, package, palletize, or any other process you need completed!

AREAS OF EXPERTISE

Whatever your product or service may be, our experienced team of engineers and project managers present a one-stop shop to tailor complete product handling solutions to your specific needs. From initial system design through consultation, installation, and start-up, **Precision Automation®** is the turnkey solutions provider for your production and packaging line integration requirements. Examples include:

- ✓ Packaging, Labeling, and Processing Systems
- ✓ Labeling: Primary Product, RFID, Shipping
- ✓ End-of-line Print & Apply
- ✓ Inkjet and Laser Marking
- ✓ Filling/Depositing
- ✓ Capping
- ✓ Collaborative, Articulated Arm, Gantry, and SCARA Robotics
- ✓ ...and much more!



-Steve Adolt, JNJ Consumer Inc.

"[They] were among the safest, most professional teams I've had the privilege to work with over my 30 years and eight industries of experience. Would strongly recommend to any company where **Precision Automation's** strengths would help."

ENGINEERED SYSTEMS

From concept development through mechanical & electrical design, fabrication, assembly, testing & installation, we manufacture custom solutions to solve our customers' challenges.

- ✓ Industrial Engineering Analysis
- ✓ Custom Production Machinery
- ✓ Turnkey Project Execution



A PROVEN LEADER IN CUSTOM SOLUTIONS

Offering a full range of component, subassembly, machinery, and complete system design & build services.

Starting with an industrial engineering analysis, **Precision Automation®** designs and manufactures integrated and custom machinery for production, assembly, packaging, and much more! Our diverse team of mechanical & electrical engineers, project managers, and technicians use a tested and proven approach that reduces costs and lowers risk for our customers. Working closely with our customers to achieve their focused goals, we utilize our Computer-Aided Design (CAD) and 3D software to provide solutions for your needs.

-Jim Buchanan, Renaissance Lakewood, LLC

"I hold in high regard **Precision Automation's** ability to stay abreast of the emerging automation technologies and apply those to equipment they build for us."



OUR PHASED APPROACH

- 1) Project Analysis & Concept Development
- 2) Detailed System Design & Modeling
- 3) Software Development
- 4) Controls Programming
- 5) Component Procurement & Fabrication
- 6) System Assembly
- 7) Testing, De-Bug, and Customer Acceptance
- 8) Installation, Start-up, and Training

EXAMPLES OF RECENT APPLICATIONS:

- ✓ RFID Labeling & Inspection Systems
- ✓ Robotic & Custom Assembly Systems
- ✓ End of line Packaging Systems
- ✓ Vision Inspection
- ✓ Controls Programming
- ✓ Reverse Engineering & Machine Building
- ✓ Control Panel Assembly
- ✓ Pharmaceutical Processing Equipment
- ✓ Clean-room Packaging
- ✓ Quality Testing Machinery
- ✓ Custom Food Processing & Packaging Equipment
- ✓ Automotive Component Assembly

POSSIBLE WITH PRECISION

INTEGRATED CONVEYOR SOLUTIONS

Our material handling experts utilize extensive experience to provide turnkey product handling systems custom designed to your specific requirements.



- ✓ Diverse Product Range
- ✓ Increase Efficiency
- ✓ Lower Cost

EFFECTIVE PRODUCT HANDLING IMPROVES THE BOTTOM LINE

Automated solutions for your material handling needs, from individual conveyors to fully integrated systems.

Based on your individual requirements, we select and integrate the optimum material handling equipment. Specializing in the food & beverage industry as well as pharmaceutical and consumer products, **Precision Automation®** utilizes our vast capabilities in engineering, equipment, and controls to provide an integrated solution that increases efficiency and lowers cost.

Our innovative designs improve product flow and create an efficient system that successfully meets ever-changing demands. Our longevity and experience are surpassed only by our commitment to quality and service.



AREAS OF EXPERTISE:

- ✓ Case & Carton Handling
- ✓ Sanitary Food & Beverage Handling
- ✓ Conveyor Systems for Shipping Applications
- ✓ Individual Product Conveying
- ✓ Sortation Systems
- ✓ Pallet Handling
- ✓ Distribution & Fulfillment Centers
- ✓ ...and much more!

With the ability to handle and convey a wide variety of products (cases, bottles, cans, pallets, drums, containers, etc.) our approach starts with the investigation and understanding of your needs. The result is a complete solution that will meet & surpass your expectations!

WAREHOUSING AND DISTRIBUTION

As the demand rises for warehousing, distribution centers, and third party logistics, **Precision Automation®** answers the call with our proven solutions. After a thorough evaluation of your requirements and facility, we engineer a system that will increase throughput and lower your bottom line operating costs. With many large-scale applications throughout the United States, our method and solutions are tested and proven.

-Paul Fowle, Delaware Valley Floral Group

"**Precision Automation®** is more than a vendor to us. They have become a true partner. I am confident that as our business continues to grow, we will be in lock step with them along the way. I would recommend **Precision Automation®** for your automation, conveying, and warehousing needs without reservation."

POSSIBLE WITH PRECISION

LABELING & MARKING SOLUTIONS

Featuring industry-leading Labeling & Marking Systems, **Precision Automation®** relies on extensive application experience to provide a wide range of solutions across multiple markets.

- ✓ High Quality Components
- ✓ Proven and Tested
- ✓ Cost-Efficient



CUSTOM TURNKEY SOLUTIONS

Labeling and marking systems by **Precision Automation®** are designed for in-line labeling of various products. These systems are flexible, durable, and proven. Our complete systems can be configured with any combination of label applicators, print & apply systems, laser markers, and inspection systems.

ARCA PRINT & APPLY SYSTEMS

With printing and application in one automatic operation, this type of end-of-line labeling allows for on-demand printing of variable data. It also eliminates the need for label rooms and stocking of pre-printed labels. Our print & apply solutions are ideal for shipping labels and barcodes. **Precision Automation®** extensive material handling experience complements these end-of-line solutions, such as the LinerPlus.



ARCA LASER MARKING

High-speed, permanent marking with quality graphics make Arca the premiere choice in laser marking. These complete systems are compact, incredibly productive and cost-efficient. Not only do they require no down time for replacing consumables, but our systems produce no residual waste, and yield a life expectancy of up to 100,000 hours of marking time.

Between the two types of laser systems (Fiber and CO2), a wide variety of materials can be marked, such as:

- ✓ plastic
- ✓ metal
- ✓ ceramic
- ✓ wood
- ✓ leather
- ✓ glass
- ✓ polymer
- ✓ cheese
- ✓ ...and more!

ARCA LABEL APPLICATORS

Due to their robust structure and high quality components, Arca Labelers are suitable for most industrial environments. Operating under a heavy workload, our Labeling Systems guarantee the highest levels of performance and reliability on the market.

A wide range of models (Easy, Evolution, Wind, and Flash) provide differing levels of capability and performance. Evolution, the flagship label applicator pictured, has a maximum linear operating speed of 2,000 inches per minute. It also accommodates numerous mechanical peelers and pneumatic tamp adapters. From decorative primary product labels to simple case labeling, these efficient systems can be utilized in a variety of configurations. They are easy to operate and require limited maintenance.



CUSTOM SYSTEMS

Based on the particular application, we develop custom turnkey labeling and product handling solutions from individual wrap systems to complex multi-head configurations. **Precision Automation®** will integrate the appropriate labeling solution to satisfy our customers' unique needs.

-Bob Winter, Senior Specialist at Fortune 500 Confectionary Manufacturer

"We have successfully integrated over 100 labeling systems installed in 21 different locations in the US, Mexico, and Canada and they have been extremely efficient and reliable! The support we have received—from concept through commissioning—has been exceptional!"

POSSIBLE WITH PRECISION

CONTRACT MANUFACTURING

Our modern, fully-equipped machine shop supports production runs and fabricates a wide variety of components for an assortment of customers. It's what we've been doing since 1946.



- ✓ Cost Reduction
- ✓ Equipment Variety
- ✓ Modern Technology
- ✓ Quality Control

CONTRACT MANUFACTURING SERVICES

- ✓ Machining
- ✓ Fabrication
- ✓ Mechanical Assembly
- ✓ Electrical Assembly
- ✓ Emergency Repair Services

MACHINE SHOP & FABRICATION EQUIPMENT

- ✓ CNC Machining Centers
- ✓ CNC Turning Centers
- ✓ CNC Horizontal Boring Mills
- ✓ Vertical & Horizontal Milling Machines
- ✓ Bullard Vertical Turret Lathe
- ✓ Surface & Cylindrical Grinders
- ✓ Automatic Cut-Off & Cold Saws
- ✓ Deep-hole Drill, Hone & Keyseating
- ✓ Certified Inspection & CMM Machine
- ✓ MIG, TIG & Heliarc Welders
- ✓ Spotwelders
- ✓ Ironworkers
- ✓ Sand Blast & Painting
- ✓ Overhead Cranes

EXPERIENCE YOU CAN DEPEND ON

Our modern, machine shop is the foundation and core of **Precision Automation®**.

From simple mechanical assemblies to complex specialty machines our manufacturing facility boasts extensive production equipment and highly experienced machinists, welders, and technicians. **Precision Automation®** follows rigorous ISO 9001 quality assurance standards that ensure your project is completed to exacting specifications, on-time, and within budget.

With an extensive array of production equipment and capabilities, our team custom manufactures parts, subassemblies, and machinery to your specific needs.

-Phil Librach, Columbia Dentoform

"**Precision Automation®** is a great asset to our company. They are able to make the parts we require in a timely and cost effective manner."



ESTABLISHED IN 1946 BY FRED REXON SR., OUR STORY BEGAN...

...in a small, privately owned machine shop located in Haddonfield, New Jersey called Precision Parts Company. Growing organically through the hard work and sweat of Fred and a few trusted employees, the company was able to establish a foothold in the post-World War II industrial climate.



CONTINUED GROWTH

In 1953, as our business continued to grow, we opened a second manufacturing facility in southern Indiana to serve our customers who were also expanding. Through this expansion, a strong foundation was established in the Mid-Western market. Today, **pāco manufacturing**® continues to grow and thrive.

Back in New Jersey, due to our rapid growth, we evolved from our humble beginnings and relocated several times. In 1966, Precision Parts moved to our seventh (and now current) location in Cherry Hill, NJ.

EXPANDED SERVICES

By 1972, we expanded our services to include the design and manufacture of automation machinery and changed our name to **Precision Automation**® Company, Inc. to reflect our new focus.

In the early 1980s we introduced a conveyor division, expanding our markets to include product handling services. At the same time, we purchased our first CNC machining center to upgrade our machine shop capabilities.

The 1990s brought some of the strongest success in our company history. Our capabilities grew, we employed more people, and expanded our facility to its current size of 45,000 square feet. We continued to invest in technology, adding CNC machining centers and continued to adapt to a rapidly advancing technological environment.

A WIDER RANGE OF PRODUCTS AND SERVICES

Through the years we have continued to focus on our core competencies—machining, fabrication and machine building—while growing our business to provide a wider range of products and services.

In 2000, we acquired the New Jersey Wire Stitching Machine Company and consolidated its operations into our Cherry Hill facility

In 2008, **Precision Automation**® Company established a relationship with Arca Etichette SPA of Milan, Italy and expanded our product offerings to include top quality labeling machinery and systems. Combining the resources of our two organizations, **Precision Automation**® quickly established itself as a leading provider of labeling solutions in North America.

PRECISION TODAY

Today, **Precision Automation**® remains a growing and thriving business that has established itself as a leader in American manufacturing and innovation. By employing top talent throughout the industry and utilizing cutting edge technologies to drive our growth, we continue to provide the utmost in quality and value.

Driven by the needs of our customers, we have evolved over our 70+ year history into a versatile, vertically integrated company offering a variety of automation solutions to domestic and global industries.



For over 70 years, Precision Automation® has helped customers streamline their production process, increase efficiency, and improve their bottom line.



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