

FACTORY AUTOMATION AND ROBOTIC SYSTEMS

Xpect Solutions Inc., is a designer and builder of factory automation and robotic systems with the capability to implement simple to complex projects.

Our Engineered Systems and Services Capabilities span the scope from engineering consulting, to build-to-print/contract equipment builds along with turnkey custom and semi-custom equipment design and build services. Our professional staff has over 60 years of combined experience in designing and building advanced custom machinery and factory automation systems for a vast number of industries including:

- Automotive/Occupant Safety
- Semi-conductor
- Data Storage
- Food Packaging
- Bakery Automation
- Dairy Automation
- Medical Device Assembly
- Pharmaceutical Automation
- Custom Manufacturing and Assembly
- Automation Control Panels
- Contract Manufacturing

General Automation

Xpect Solutions can design and build a solution to most manufacturing and production challenges. Our talented engineering department can work closely with you to create a system that will meet your design requirements and your budget.

Integrated Systems

Xpect Solutions can integrate off-the-shelf components to provide a customized automated system. Combine this with additional design, material handling components, controls and software, and the system is complete. The parts will be integrated and delivered to provide an entire system designed specifically for your application.

Robotic Solutions

As a builder of flexible robotic systems in Colorado, Xpect Solutions has established strategic partnerships with the industry's leading robot device manufacturers. These alliances enable us to provide superior system concepts, performance and smaller platforms utilizing less customer floor space.



Good Solutions for Bad Situations

xpect
SOLUTIONS

FACTORY AUTOMATION & ROBOTIC SYSTEMS

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Innovation

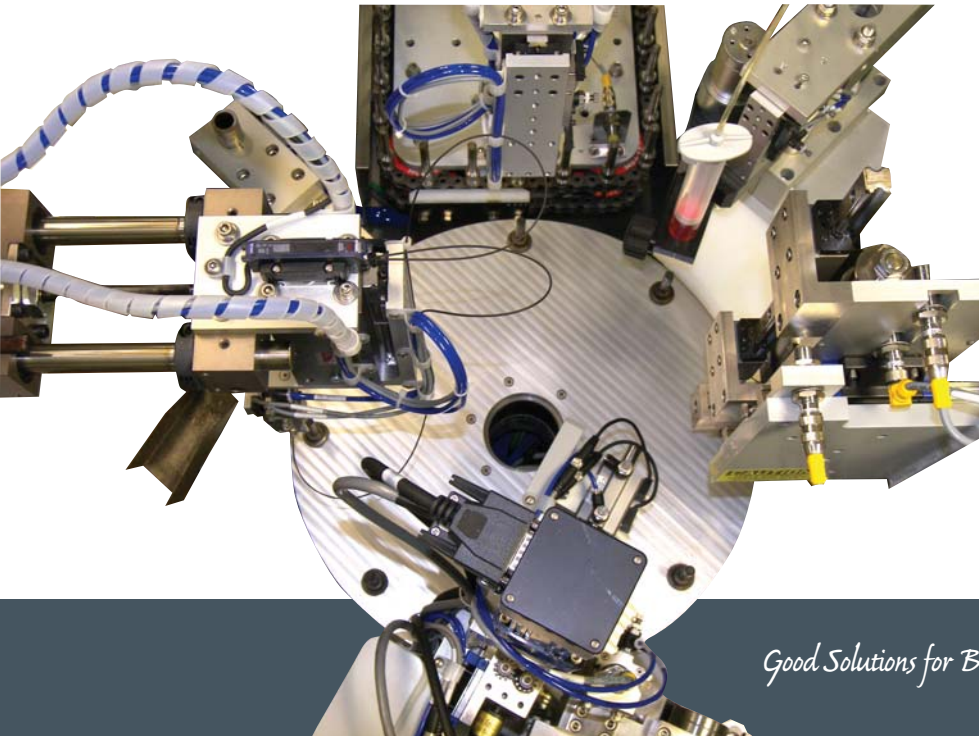
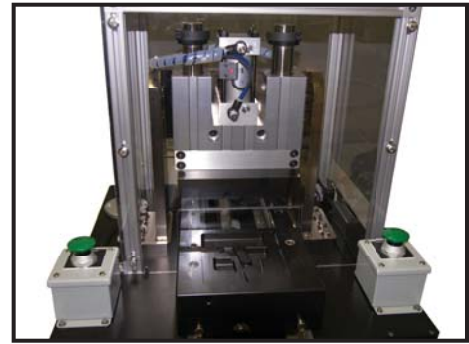
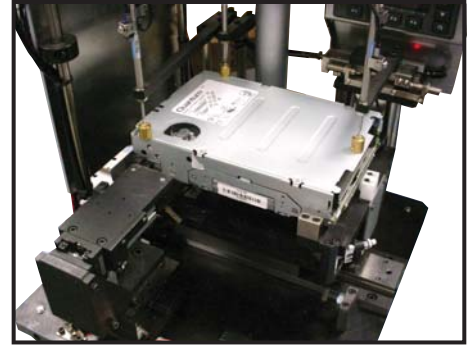
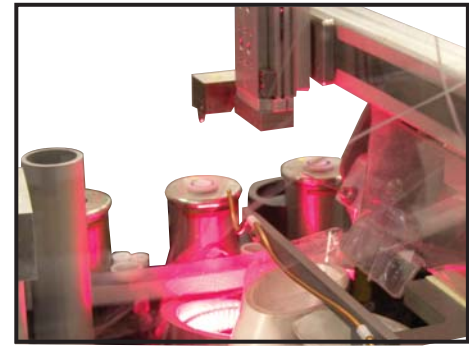
We value innovation and are constantly searching for new methods and devices to accomplish tasks more efficiently. We continue to look for new ways to improve safety and performance with new and simpler designs. We work closely with our vendors to assure we are using state-of-the-art technology.

Advantages

As technology gets smaller and more affordable, so does factory automation. Assembly cells are smaller, faster, much more flexible and more affordable than ever. Xpect Solutions recognizes this change in technology and has moved to tailor our designs to meet these new challenges.

Mistake Proofing

When developing concepts and designs for automated workcells, we pay close attention to eliminating the possibility of errors that can result in defective product or hazardous product conditions. Mistake proofing may consist of something as simple as one-way fixtures so that parts can only be loaded in the correct orientation, or parts presence sensors to ensure that the correct parts are loaded. In some applications, more complex techniques such as vision inspection, color recognition, or bar code scanning systems may be required.



Good Solutions for Bad Situations

Services Provided By Xpect Solutions:

ENGINEERING:

- Electrical Engineering
- Mechanical Engineering
- System Upgrades

ASSEMBLY:

- Electrical Assembly
- Mechanical Assembly
- Contract Manufacturing

AUTOMATION:

- Packaging/Bagging/Boxing
- Custom Designs
- Conveyors/Material Handling
- Machine/System Upgrades
- Robotic Workcells
- Vision Inspection Systems
- Test Fixtures and Prototypes
- Control Panel Assembly

