

HQA offers a range of production machines which allow you to integrate standardized systems and components into customized production processes. Depending on the specific requirements, the automation components and function packages can be implemented in your production system either directly or with minor modifications.

Modular Overhead Cells

Our FO line is ideal for applications running in demanding industries such as automotive, medical, semiconductor, food, pharmaceutical, consumer, and many others. Modular design allows you to quickly scale up production as needed or build a multistage processing line, along with advanced mechanical design and intelligent control systems, ensure exceptional effectiveness. HQA offer three configurations to choose from:



FO-10 Series: Epson VT6L Robot

With next-level technology at an incredible price, the VT6L All-in-One 6-Axis robot is ideal for a wide variety of simple applications. Full featured; ultra-low cost — the same powerful features found in Epson's high-end robots, at an incredibly affordable price; with a reach up to 900 mm and payload up to 6 kg.

Available control option:

- Basic: robot integrated controller, 17" PC with Epson RC+ Software
- Allen-Bradley: Comact logic controller, 10" Panel View Operator interface
- Omron: NX1 Controller, 9" NA series operator interface

DDTCE

Starting at **\$30,000**

Lead Time: **Normally In-Stock**



FO-20 Series: Epson RS4 Scara Robot

Epson RS4 Scara robots use a unique design to improve both work envelope usage and cycle throughput. The arm structure was designed so that joint 2 can maneuver under joint 1 and thus utilize the entire workspace underneath the arm. Unlike other SCARA robot designs, there is no lost space in the center of the work envelope. With super-fast cycle times this model is set to deliver the highest performance that required for today's demanding applications.

Available control option:

- Basic: 17" PC with Epson RC+ Software Robot Controller
- Allen-Bradley: Comact logic controller, 10" Panel View Operator interface
- Omron: NX1 Controller, 9" NA series operator interface

DDTCF

Optional: ISO Clean Models

Starting at: **\$40,000**

Lead Time: **4-8 weeks**



FO-30 Series. Universal Robot 5e

The UR5e is a lightweight, adaptable collaborative industrial robot that tackles medium-duty applications with ultimate flexibility. The UR5e is designed for seamless integration into a wide range of applications.

Easy programming technology lets operators with no programming experience quickly set up and operate UR5 with intuitive, 3D visualization. Universal Robots has revolutionized cobot set-up, reducing typical robotic deployment measured in weeks to a matter of hours.

Available control option:

- Basic: robot integrated controller, 17" PC with Epson RC+ Software
- Allen-Bradley: Comact logic controller, 10" Panel View Operator interface
- Omron: NX1 Controller, 9" NA series operator interface

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Starting at: **\$45,000**

Lead Time: **2-4 weeks**

Application Examples

HQA modular packaging machines are tailored for a wide range of industries from pharmaceuticals, cosmetics, beverages, food, and technical products. Robot-based packaging machines with a focus on simple mechanics, intelligent control technology and scalable modularity.



Our new design using machine vision to guide robots. Each robot equipped with automatic tool changer, that allow job change in less than 1 minute.

Specification:

- Packaging speed: Single: 50lb/m, Double: 100lb/m
- Cases: 5-15" Width
- Robot: Epson VT6l
- Control: Allen-Bradley ControlLogix
- HMI: 10" Allen-Bradley Panel View 7
- Frame: Coated Steel

DDTCF

Single:
Starting at **\$65,000**

Double:
Starting at **\$105,000**

Interested in implementing this technology in your facility or simply want to know more about it?

Please contact us today for additional information:

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