



Omni Automation provides complete turnkey robotic palletizing and depalletizing solutions for many different applications and industries. As a **Fanuc Robotics** authorized integrator/distributor we specialize in turn-key automation solutions that include robotic palletizing. Our partnership with **Fanuc Robotics** allows us to provide and recommend the best and most reliable solutions for your palletizing challenges.

Our engineers have many years of experience designing automated robotic palletizing solutions that are safe, reliable, and offer the best possible performance. Since our robotic systems are highly customizable, we are able to design solutions for most product packaging types including carton, bag, or pail. We integrate robotic system solutions that provide cost effective operation and savings.

Robotic “end of arm tooling” or EOAT can be configured for picking up cartons, slip sheets, and pallets. The tooling can also be customized to pick-up and stack various types of packaging including cartons, bags, and pails.

Many EOAT configurations are available to meet your needs. Let our expertise work for you in helping to select the best solution for your project. Contact your sales representative for more information on which robotics solution best fits your needs.

CALL US TODAY!

216-671-8010

www.omniautomation.com

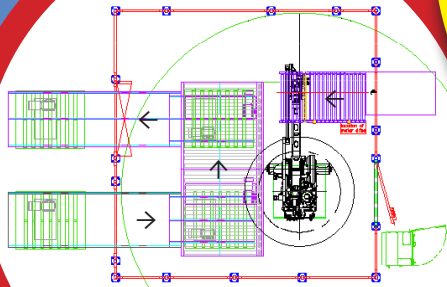
Robotic Palletizing Solutions



Standard Robotic Cell Configurations

Flexible and customizable configurations, options, and accessories

1

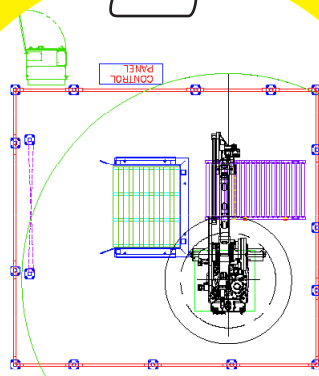


U-shape Cell Configuration

U-shaped robotic palletizing cell features automated pallet loading and unloading conveyors. This type of cell features:

- 1 - Robot w/EOAT tooling
- 2 - 10' long pallet conveyors
- 1 - 10' long pallet conveyor w/ 2 pop-up transfers
- 1 - 5' long conveyor
- Trapped key safety interlock system
- 1 - Control panel
- 1 - Safety muting "L" light curtain system
- 8' tall perimeter cell fencing

2

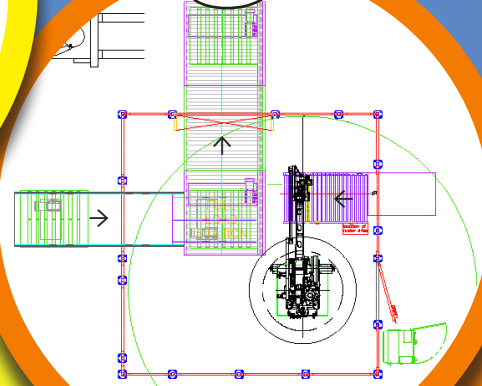


Static Cell Configuration

Basic static robotic palletizing cell. Safety light curtain entry for loading and unloading pallets. This type of cell features:

- 1 - Robot w/EOAT tooling
- 1 - Static pallet locator
- 1 - 5' live roller conveyor
- 1 - Control panel
- 1 - Safety light curtain system
- 8' tall perimeter cell fencing

3



L-shape Cell Configuration

L-shape robotic palletizing cell features automated pallet loading and unloading conveyors. This type of cell features:

- 1 - Robot w/EOAT tooling
- 1 - 10' long pallet conveyor
- 1 - 10' long pallet conveyor w/ 1 pop-up transfer
- 1 - 5' long conveyor
- Trapped key safety interlock system
- 1 - Control panel
- 1 - Safety muting "L" light curtain system
- 8' tall perimeter cell fencing



Robotic Palletizing Applications

The use of robotics in palletizing and depalletizing applications is an efficient way to shorten the cycle time from product packing to distribution. As a **Fanuc Robotics** integrator, we are in position to bring our customers superior product integration, installation, and support. We offer a wide range of robotic solutions including:

- Palletizing and depalletizing applications
- Simple integration into plant conveyor system
- User-customizable/programmable stacking patterns
- Interchangeable tooling
- Many accessories and tooling options



12130 Eaton Commerce Parkway
Columbia Station, OH 44028
p: 216-671-8010
f: 216-476-0072
e: sales@omniautomation.com
www.omniautomation.com