



INNOVATE. CREATE. **ADVANCE.**

allianceautomation.com

1100 John Brown Rd.  
Van Wert, Ohio 45891

419-238-2520

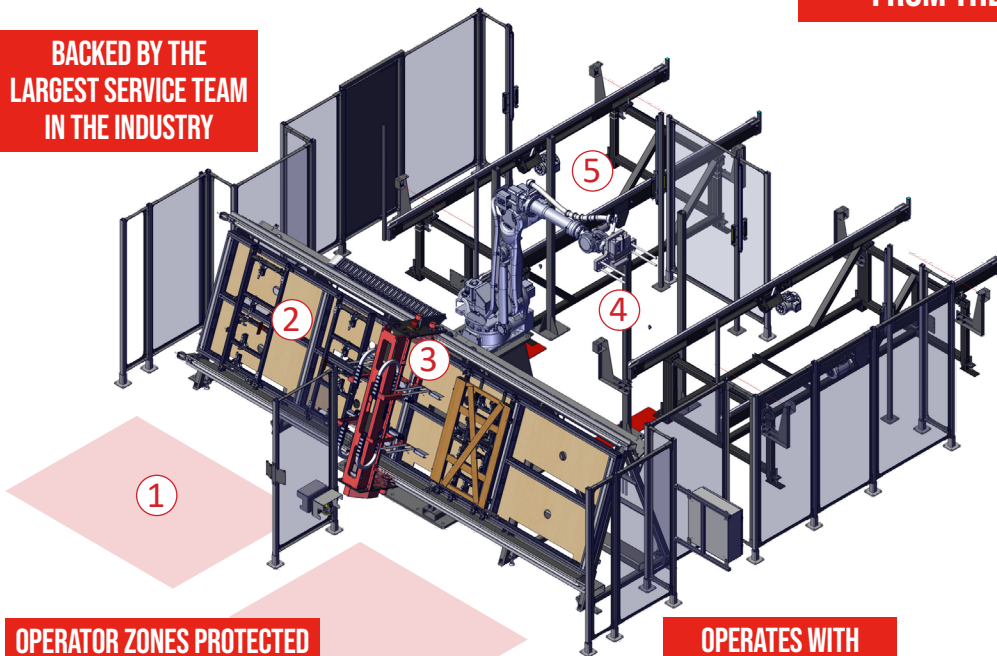
# CRATE & PALLET COMPONENT ASSEMBLY MACHINE

## COMPONENT ASSEMBLY QUICK. SAFE. EASY.

### UP TO 1,500 ASSEMBLIES PER SHIFT

**CUSTOM DESIGNED FOR YOUR APPLICATION  
FROM THE LEADER IN AUTOMATION**

**BACKED BY THE  
LARGEST SERVICE TEAM  
IN THE INDUSTRY**



#### Components

1. Operator Zones
2. Robot Picks
3. Nail/Staple Gantry
4. EOAT with Flipping
5. Adjustable Width Chain Conveyors

**OPERATOR ZONES PROTECTED  
BY SAFETY SCANNERS  
AND ROBOT SAFETY ZONES**

**OPERATES WITH  
NAILS OR STAPLES**

**CONTACT US TO LEARN MORE**  
419-238-2520  
info@allianceautomation.com

#### ALLIANCE SUPPORT

- ▶ Designed to fit your facility
- ▶ Installation and training included
- ▶ One year warranty
- ▶ Assigned service team
- ▶ Spare parts packages

#### STANDARD OPTIONS

- ▶ Pneumatic clamping or spring clamp fixtures
- ▶ Flexible or dedicated fixtures
- ▶ Adjustable-width powered outfeeds
- ▶ Multiple part types at once
- ▶ Extended reach/payload robots available

#### BENEFITS

- ▶ Increased throughput
- ▶ Reduced fatigue, accidents, and injury possibility
- ▶ Easy ergonomic loading
- ▶ Minimal changeover time

# COMPONENT ASSEMBLY TO FIT YOUR SPACE

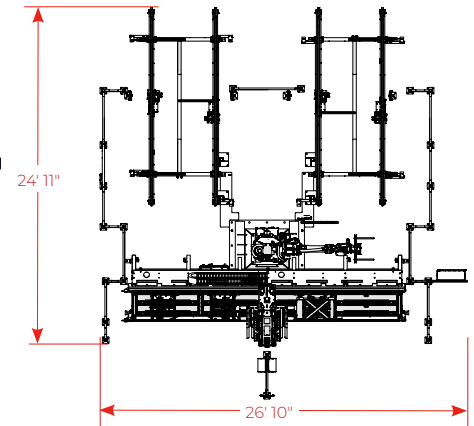
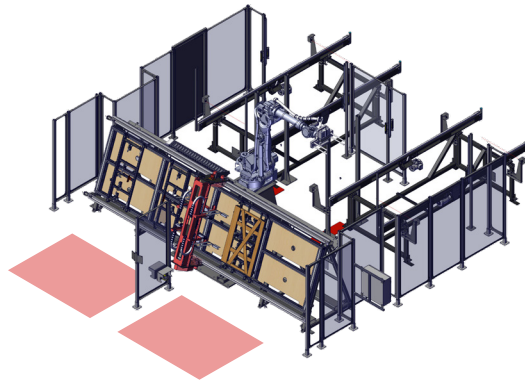
Making crates and pallets can be a cumbersome, slow, and difficult job. But it doesn't have to be. The Alliance Automation Component Assembly Cell is adaptable to your needs, big or small. These production cells can build with multiple component types, yielding different crate or pallet sizes to fit your unique application. Changeovers are quick, production is safe, and operation is easy and ergonomic for maximum throughput.

## COMPONENT ASSEMBLY CELL OPTIONS

### GANTRY

Featuring one of the **fastest cycle rates in the industry**, the gantry can handle **multiple component types** at the same time.

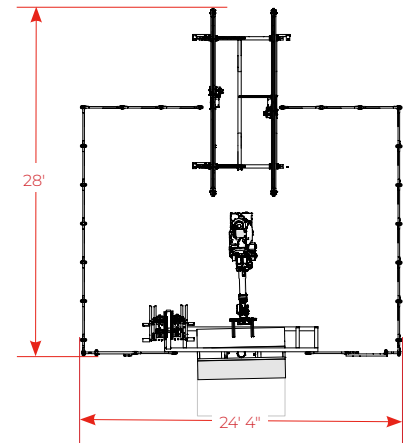
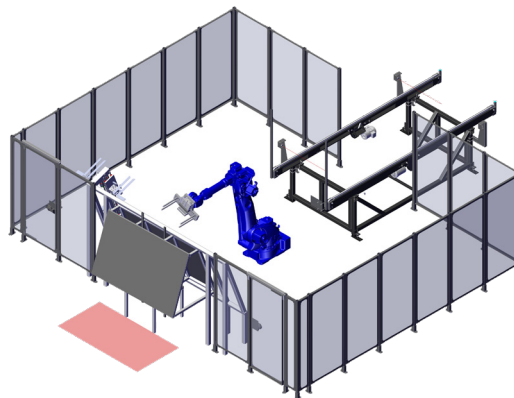
- ▶ Robot: Yaskawa GP180
- ▶ Payload: standard 135 lbs.  
(up to 250 lbs. with enhanced EOAT)
- ▶ Speed: 3 ppm
- ▶ Load Height: 52"
- ▶ EOAT: Custom
- ▶ Max Crate/Pallet Size: 52" H x 74" L



### SINGLE ROTARY TABLE

Excellent for **larger crate sizes**, the Single Rotary Table has the power and affordability to fit your unique needs.

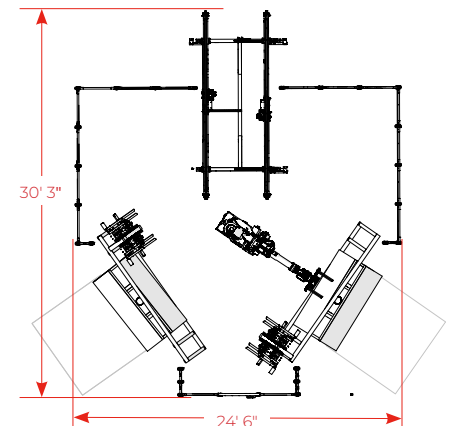
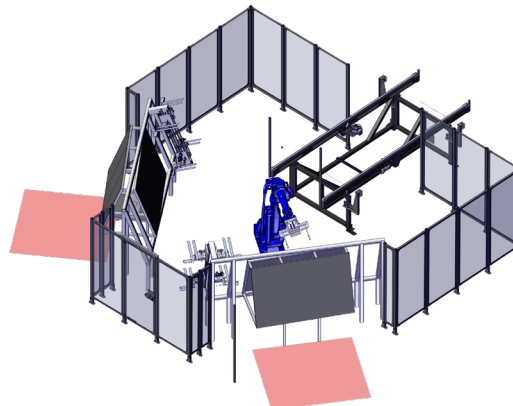
- ▶ Robot: Yaskawa GP180
- ▶ Payload: standard 135 lbs.  
(up to 250 lbs. with enhanced EOAT)
- ▶ Speed: 2.6 ppm
- ▶ Load Height: 76"
- ▶ EOAT: Custom
- ▶ Max Crate/Pallet Size: 52" H x 96" L



### DUAL ROTARY TABLES

**Multiple components**, and **larger crate sizes** make the dual rotary tables an ideal option for maximum flexibility.

- ▶ Robot: Yaskawa GP180
- ▶ Payload: standard 135 lbs.  
(up to 250 lbs. with enhanced EOAT)
- ▶ Speed: 4 ppm
- ▶ Load Height: 76"
- ▶ EOAT: Custom
- ▶ Crate Size: 52" H x 96" L



**CUSTOM DESIGNS AVAILABLE TO FIT YOUR NEEDS**