OPENSTACK

PORTABLE, GUARDLESS PALLETIZER

SCAN

PALLET DOCK

SAFETY LASER SCANNER

SAFETY LASER SCANNER

OPENSTACK

TISHMA TECHNOLOGIES

Full Pallets, Fast.

The **Tishma Technologies Openstack Palletizer** is compact and portable, allowing your production to minimize operator involvement and move pallets out the door quickly.

▶ Less clutter in your plant with an open, guardless layout.

▶ Move and deploy quickly between your production lines.

▶ Fast cycle times to accommodate your throughput rates.

▶ Dual pallet docks allow for palletizing two different patterns or as buffer for full pallet storage.
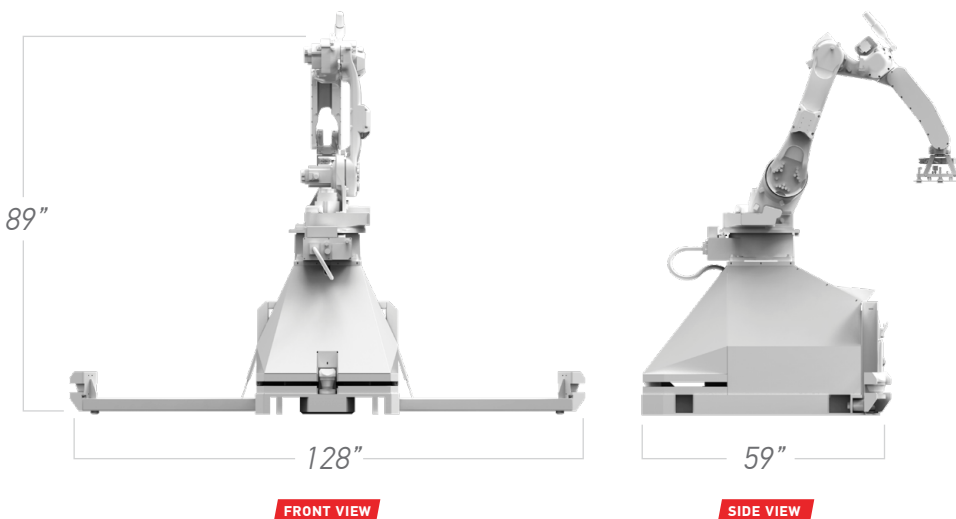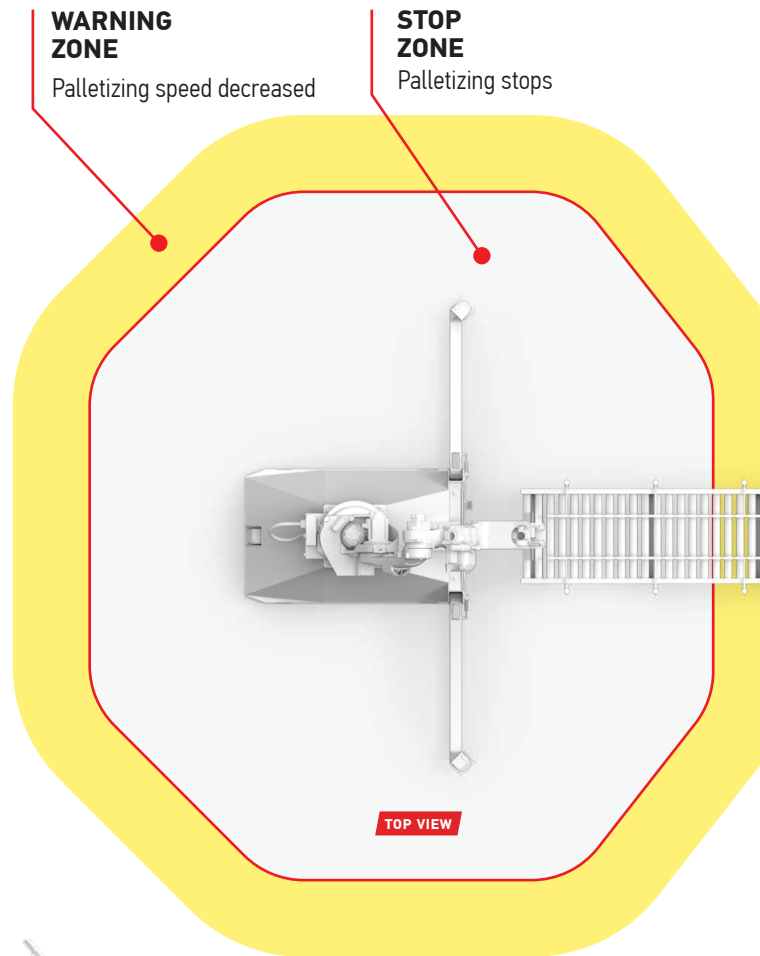
BUILT IN THE USA

TISHMA TECHNOLOGIES
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ipg intertape polymer group®

CONTACT 847.884.1805 | info@tminn.com

TECHNICAL SPECIFICATION

PAYLOAD CAPACITY	Up to **40 lbs**
CYCLE TIME	Up to **15 Picks/Minute**
OVERALL DIMENSIONS	W:**5'** L:**11½'** (deployed); W:**5'** L:**3'** (folded)
OVERALL MASS	**2200 lbs**
FRAME	**Stainless Steel 304**
POWER REQUIREMENT	**20A 480V 3PH**
AIR REQUIREMENT	**100psi, 1/2" line**
DRIVE	**Yaskawa YRC1000** (robot controller)
ELECTRICAL CONTROLS	**Keyence/SICK**
HMI	**Yaskawa Smart Pendant**
SAFETY	**Area Safety Sensors** Type3, SIL2, Cat3, and PLd
ENVIRONMENT REQs.	**Low Dust**
ROBOT	**Yaskawa GP25**
FLOOR MOUNT	**Four Floor Anchor Bolts**
EOAT	**Vacuum Gripper**
MAX. PALLET HEIGHT	**7'**
PALLET SIZES	**All Standard Pallets**

WORK AREA SAFETY ZONES

Laser scanners will trigger various operation states if an operator or a foreign object enters the safety zones.

WARNING ZONE
Palletizing speed decreased

STOP ZONE
Palletizing stops

TOP VIEW

89"

128"

FRONT VIEW

59"

SIDE VIEW

OPTIONS

▶ Slip/Tier Sheet Handling

▶ Custom EOAT Design

▶ Radar Micromovement Sensor for Auto-Reset

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