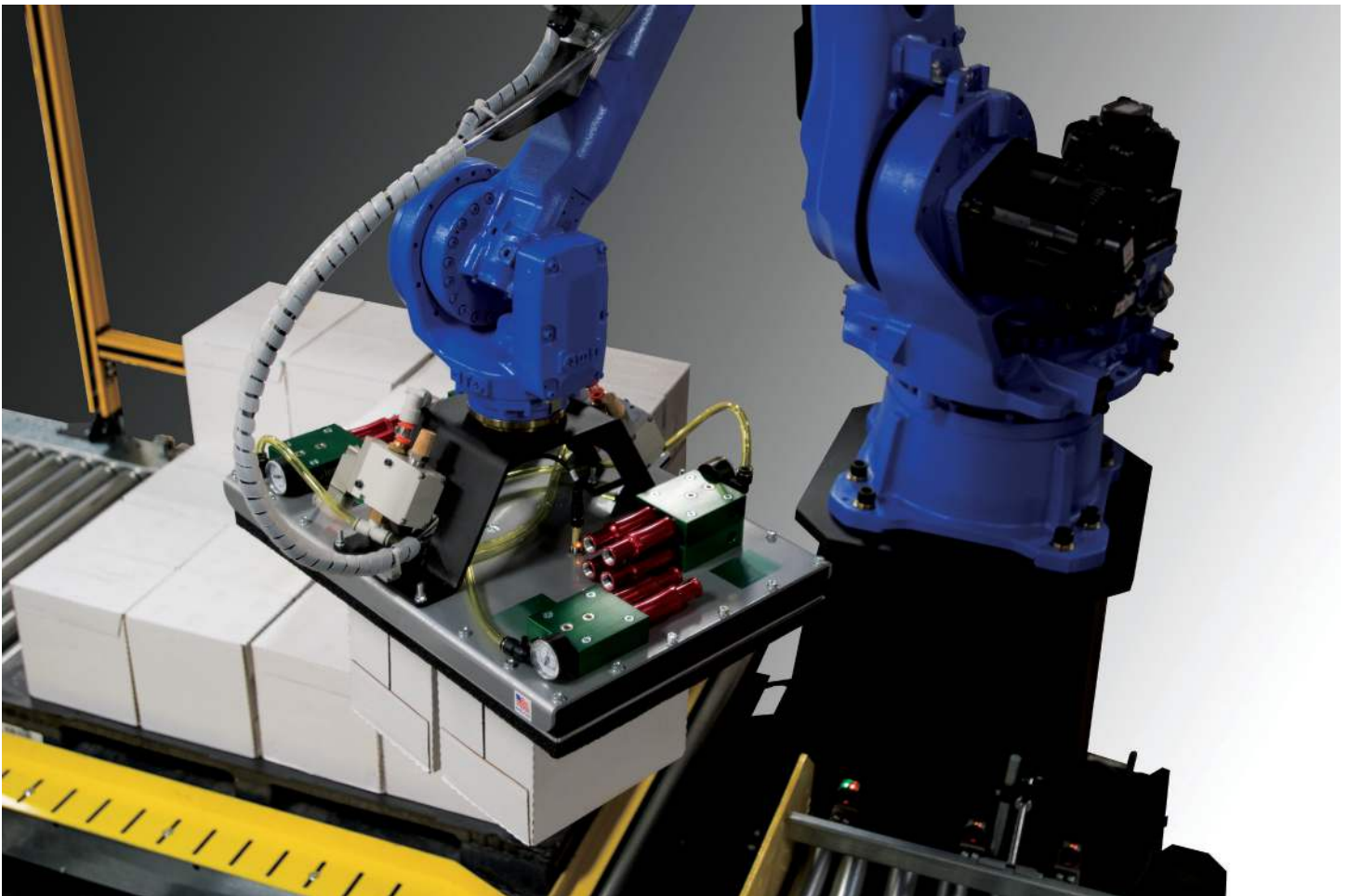


### Pre-Engineered Cell

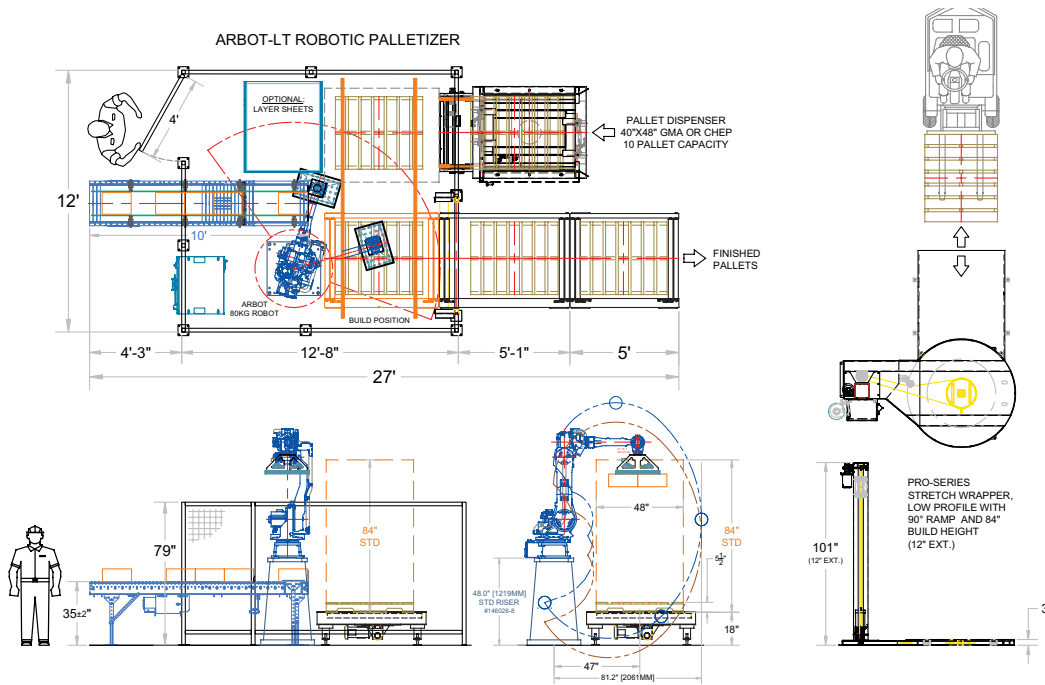
Our ARPAC Brand Robotic Palletizer LT Model is offered as a pre-engineered cell for a cost-effective and ready-made solution. Robotic palletizing offers consistent, predictable production. They improve quality, minimize rework, and can operate 24/7 – while handling heavy/bulky products and preventing injuries.

The cell includes a multi-axis robot and dual zone vacuum plate gripper to securely handle one or two cases at a time. A “smart” infeed conveyor singulates product for picking and automatic pallet handling discharges completed pallets and loads empties. We utilize Yaskawa Motoman’s Pallet Solver® software that dramatically simplifies product set-up and pallet pattern management. For enhanced safety, we include the Robotic Functional Safety Unit (FSU) along with a fully interlocked operator door and light curtain.



#### APPLICATIONS

- Automotive
- Beverage
- Building Supplies
- Consumer Goods
- Contract Packaging
- Food
- Health & Beauty
- Material Handling
- Printing & Publishing



Final layout may vary.

## FEATURES

- Robot: Motoman MPL80II 80 Kg, 5 axis robot, with riser
- 10' smart infeed coating conveyor, accumulation roller with stop and acceleration
- Finished pallet offload conveyor
- Allen-Bradley power, control, and safety components throughout
- Allen-Bradley CompactLogix PLC
- Allen-Bradley PanelView Plus 7" operator interface
- Pallets: 40" x 48" CHEP or GMA (or equivalent)
- Tooling: Vacuum plate, 23.6" x 15.7", venturi driven
- Two-zone operation, two product detectors
- Robot Functional Safety Unit (FSU)
- NEMA 12 electrical cabinet
- 79" (2 meter) safety fence
- Interlocked access door
- Light curtain for pallet discharge

## OPTIONS

- Slip/ layer sheet dispenser
- Automatic pallet dispenser
- Offline stretch wrapper
- Pallet Solver configuration software
- 1 or 2 up configuration

## SPECIFICATIONS

- Speed: 15 cases per minute (nominal)
- Minimum product dimensions: 4" W x 9" L x 4" H (3 roller minimum required on length, 3" centers)
- Maximum product dimensions: 16" W x 32" L x 12" H
- Maximum product weight: 60 lbs. (single pick), 30 lbs. (double pick)
- Maximum product height: 80" (including pallet)