



Easiest to program • Highest Safety Standards • Best Aftermarket Support

The Arbot-LT™ is a cost effective, pre-engineered, robotic palletizing cell. 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" infed 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 Robotic Functional Safety (FSU), along with a fully interlocked operator door and light curtain.

Robotic palletizing offers consistent, predictable production. They improve quality, minimize rework and can work 24/7. Additionally, they can handle heavy/ difficult products and prevent injuries.

Capacities

- Maximum weight: 2,500 Lbs.
- Maximum height: 80" (including pallet)
- Maximum product: 16" x 32" x 12" (single pick) 12" x 6" x 12" (double)
- Maximum product weight: 60lbs (single) 30lbs each (double)
- Minimum product: 6" x 6" x 4"
- Nominal rate: 15 cases per minute

Robot

- Motoman MPL80II 80Kg, 5 axis robot, with Riser
- Pallet Solver software, robot engine

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

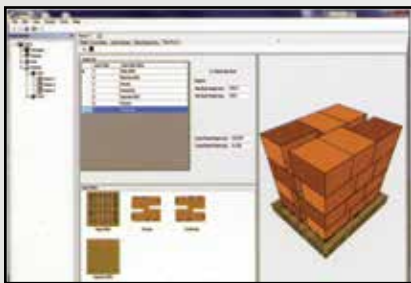
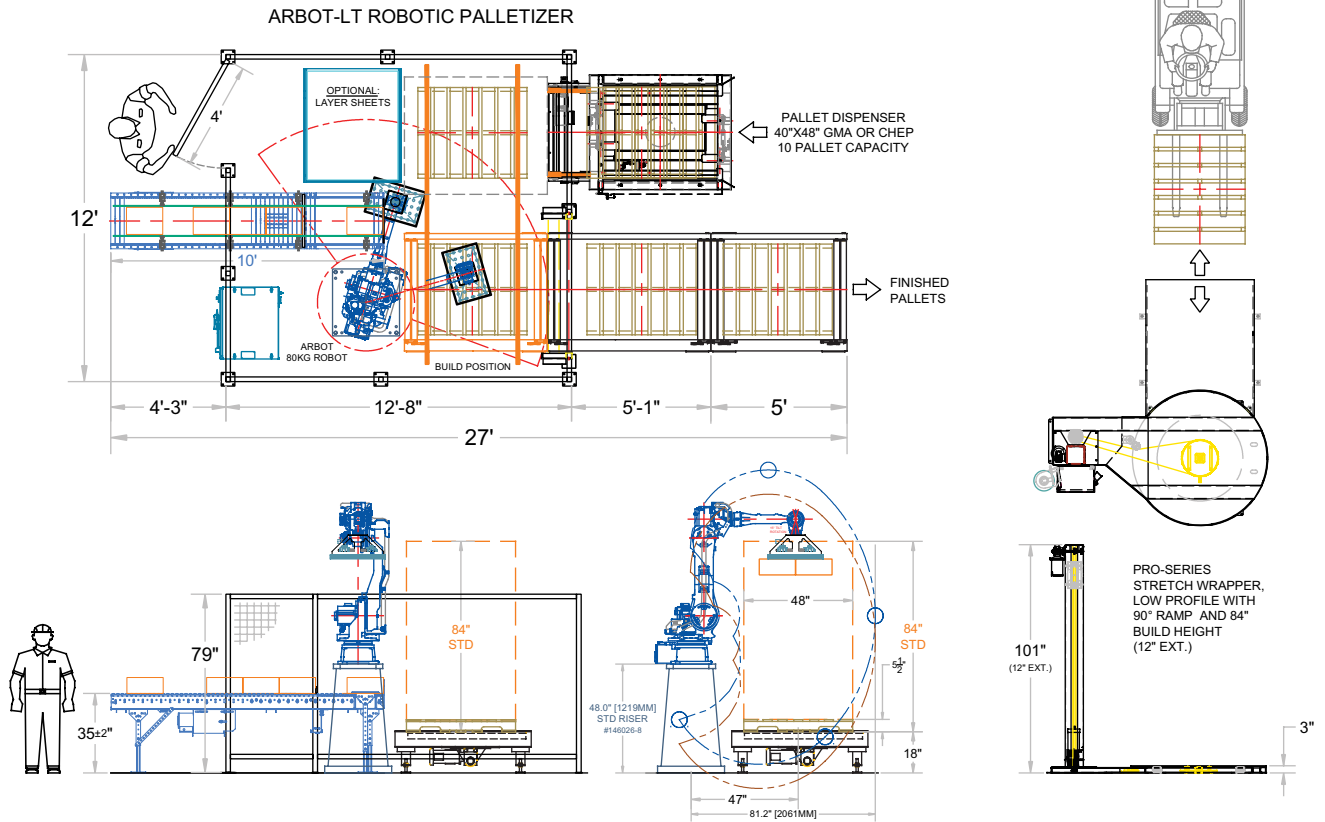
Safety

- Robot Functional Safety (FSU)
- 79" (2 meter) safety fence
- Interlocked access door
- Light curtain for pallet discharge

Options

- Slip/ layer sheet rack
- Automatic pallet dispenser
- Pallet Solver software, PC based pallet builder

Layout Shows Robotic Cell with Additional 5' Conveyor & Optional Pallet Dispenser
Final Layout May Vary



Optional PalletSolver for PC



Zero-Changeover Tooling



Smart Infeed Conveyor

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for Your Packaging
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