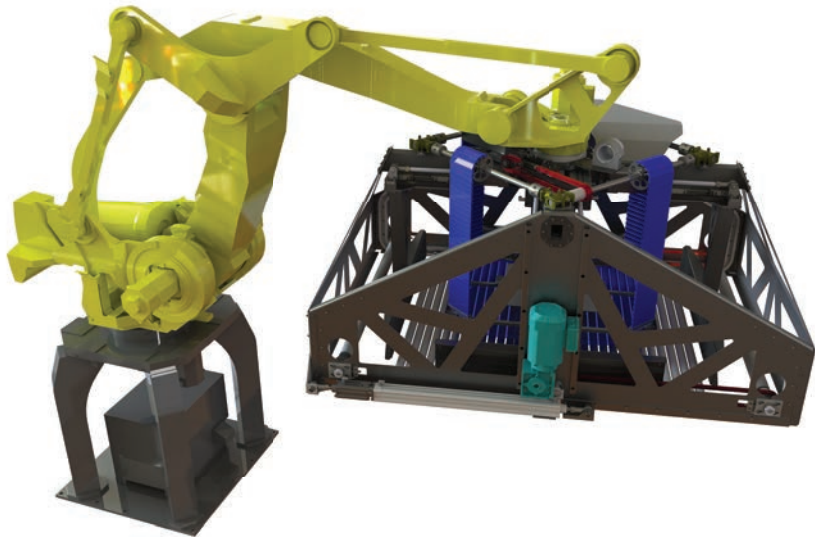


DP240 LAYER DEPALLETIZER

INDUSTRIES

- Distribution Centers
- Consumer Goods
- Beverage
- Food
- Dairy
- Tissue



Axium's unique DP240 layer handling solution yields optimal flexibility and secure product transfer using unique bottom layer support technology. Our unique end of arm tool, coupled with an industrial robot, can handle any type of product (closed cases or cartons, open trays, shrink wrapped trays, etc.) securely and without damages at a rate up to 240 layers per hour.

MAIN FEATURES	BENEFITS
Handles up to 4 cycles / minute	Maximum productivity
Automatically adjusting mechanism accurately positions layer tool on layer	Handles offset or overhanging layers (up to 2")
Flexible end of arm tool design	EOAT is designed to specific product needs
Twin roller curtain mechanisms with counter rotating belts	Pick up and support the layer from underneath
Adjustable layer clamping pressure along x & y axis	Fragile product handling
HMI based product changeovers	User friendly changeovers optimizes uptime
Meets or exceeds applicable safety standards	Safe environment for maintenance and operational staff
Easily integrates with Axium's peripheral equipment	Reliable, efficient fully automated turnkey solution

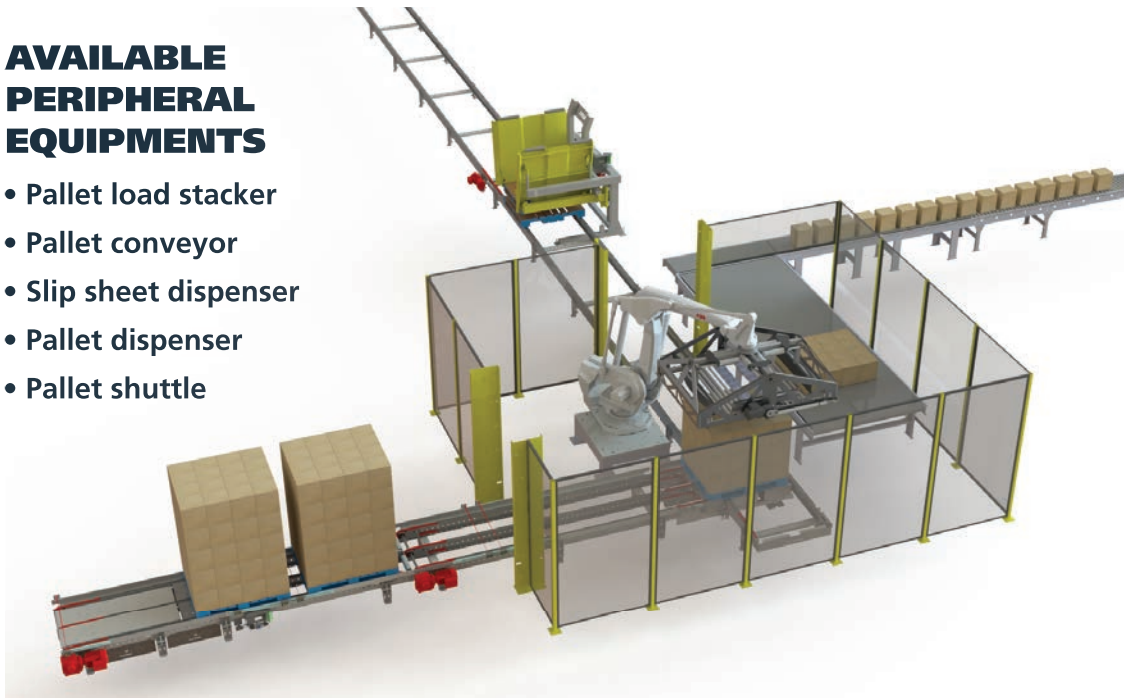
Axiom's DP240 allows efficient creation of mixed layer pallets from up to 4 fixed donor pallets or more if the robot is rail mounted. Our exclusive design utilizes a combination of perimeter clamps to secure the layer and twin roller curtain mechanisms to pick up and support the layer from underneath for fast transfer. As the horizontal curtains go underneath the layer, the perimeter clamps' pressure is adjusted so fragile products are not damaged. Also, a top layer pad confirms the exact vertical position of the load to guide the robot to locate the end of arm tool at the proper height to pick-up the layer.

OPTIONS

- Low product handling (down to 2")
- Partial top layer detection and handling
- Rail mounted robot (mixed layer palletizing)

AVAILABLE PERIPHERAL EQUIPMENTS

- Pallet load stacker
- Pallet conveyor
- Slip sheet dispenser
- Pallet dispenser
- Pallet shuttle



Scan here
to watch a video
of our solution

TECHNICAL SPECIFICATIONS

LAYER SIZE	Min.: 40" x 32" - Max.: 50" x 42"
LAYER HEIGHT	Min.: 4" (optional 2") - Max.: 20"
LAYER WEIGHT	Up to 500lbs
SPACE REQUIREMENT	25ft x 25ft
LAYER RATE	240 layers / hour

