

THE LIFT ADVANTAGE



EDITION #4
AUGUST 2026

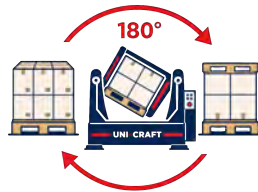
180° PRODUCT INVERTER: SAFER PRODUCT ROTATION FOR SHIPPING, MANUFACTURING AND MATERIAL HANDLING



THE PROBLEM

Many products require inversion before shipping, inspection, assembly, or pallet exchange. Manually rotating large or heavy loads can create safety concerns, increase labor requirements, and slow production.

The Uni-Craft **180° Product Inverter** provides a controlled way to rotate products while maintaining load stability and protecting valuable materials throughout the process.



THE SOLUTION - 180° PRODUCT INVERTER?

A **180° Product Inverter** is designed to safely rotate products a full 180 degrees while securely clamping the load throughout the inversion process.

The system allows the manufacturer to:

- Change product orientation
- Exchange pallets
- Improve access for downstream operations
- Reduce manual handling
- Protect product from damage

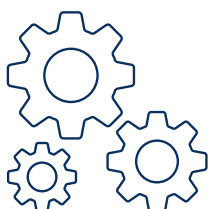


STANDARD SYSTEM FEATURES

- Hydraulic or electric operation
- Secure product clamping
- Controlled 180° rotation
- Heavy-duty structural design
- Custom load capacities
- Integration with existing processes



APPLICATIONS



- Pallet Exchange
- Shipping & Packaging
- Product Inspection
- Assembly Operations
- Manufacturing
- Heavy Material Handling

**SCAN
ME!**



Scan here to learn
more about the
Product Inverter

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WHY MANUFACTURERS INVEST IN PRODUCT INVERTERS

ENGINEERED AROUND YOUR APPLICATION

Product size, weight, pallet requirements, controls, and production processes vary. Uni-Craft can configure the Product Inverter around the requirements of the application.

- Custom load capacities
- Custom platform configurations
- Multiple control options
- Process integration capabilities

BEFORE VS AFTER, MANUAL VS AUTOMATED

Before

- Multiple operators required
- Forklift dependency
- Higher risk of product shifting
- Increased handling time

After

- Controlled rotation
- Consistent process
- Improved operator safety
- Faster throughput

WHY PALLET EXCHANGE MATTERS

Many manufacturers need to transfer products from one pallet type to another before shipping, storage, or production.

Benefits:

- Faster pallet replacement
- Reduced product damage
- Improved load stability
- Less manual labor
- Enhanced shipping efficiency



LOAD - CLAMP - ROTATE - RELEASE

BEFORE INVESTING IN A PRODUCT INVERTER, CONSIDER:

- How much labor is required for product rotation today?
- Are forklifts or cranes being used for inversion?
- Has product damage occurred during handling?
- Is pallet exchange part of the process?
- Would a faster, repeatable rotation process improve throughput?