



# STATIONARY PALLET INVERTER

## SAFETY, SPEED & SAVINGS: THE POWER OF 180 PALLET ROTATOR

- **Speed Up Throughput** — Faster pallet changeovers, reduced downtime.
- **Universal Fit** — Smooth transitions between wooden, plastic and rental.
- **Cost-Cutting Automation** — Lower labor costs and higher efficiency per shift.
- **Safer Operations** — Reduce manual lifting hazards and insurance risks.
- **Optimized Floor Space** — Replace manual re-palletizing zones with automated handling.

# THE SAFE AND RELIABLE WAY TO CHANGE PALLETS STARTS WITH AUTOMATION

A stationary 180-degree pallet inverter is used to rotate a fully loaded pallet quickly and safely, eliminating the need for manual restacking. Companies depend on this solution to switch between wooden, plastic, and rental pallets, protect goods during handling, and improve hygiene where clean pallets are required. By automating the rotation process, businesses reduce labor costs, increase throughput, and create a safer working environment with minimal product damage.

These systems are widely used across industries with high handling standards — including food and beverage, pharmaceuticals, logistics and warehousing, chemicals, packaging, and manufacturing. Wherever products must remain protected while changing pallets or correcting load issues, a pallet inverter ensures a fast, clean, and reliable workflow.

## No manual handling means faster, safer pallet transfers — reducing both product damage and workplace injuries.

Some pharmaceuticals are highly sensitive to movement. Liquids and suspensions can lose stability when tilted or rotated, while fragile packaging like glass vials may break under pressure. Many medicines must also stay upright to protect sterility and comply with strict cold-chain and regulatory standards. For those customers we have pallet changer with horizontal movement.



# ENGINEERED BY EXPERTS, PROVEN IN GLOBAL LOGISTICS.

When you choose a pallet inverter from Meijer Handling Solutions, you choose more than just equipment; you choose the reliability and innovation of the entire Meijer Group behind it.

Our systems are engineered and manufactured in-house, in the same advanced production environment as Meijer Metal, a leading supplier to the Dutch high-tech manufacturing industry. With a high level of automation and robotics in our production processes, we ensure unmatched precision, consistent quality, and long-term performance.

Our KOOI® brand is recognized worldwide for durable, innovative logistics attachments, and our decades of experience in automated horizontal pallet changing give us a proven track record in demanding industries such as food, pharmaceuticals, and logistics. Nearly every component of our machines is produced within our own group, ensuring full control, short lead times, and guaranteed availability of parts and service.

Meijer Handling Solutions delivers pallet inverters that boost safety, reduce labor, and optimize your workflow, all backed by a team passionate about industrial excellence and customer success. When product integrity, hygiene, and performance truly matter, we are your partner for smarter pallet exchange.

## Some possible options:

### Safety Light Curtain

These sensors automatically stop the rotation process when the light beam is interrupted. This ensures the operator maintains a safe working distance and prevents unauthorized access to the operating area while the inverter is in use.

### Power-Supply

Our pallet inverters can be equipped with a power supply that meets regional standards. Whether your facility operates on European, North American, or other international voltage and frequency requirements, we provide the correct electrical configuration to ensure seamless installation and reliable performance anywhere in the world.

### Autostop Support Platens

For specific pallet configurations, the support platen may need to stop at a fixed position every cycle. In these cases, the inverter can be programmed so the platen automatically stops once the required opening range is reached, ensuring consistent and controlled handling for every load.

### Hygiene requirements

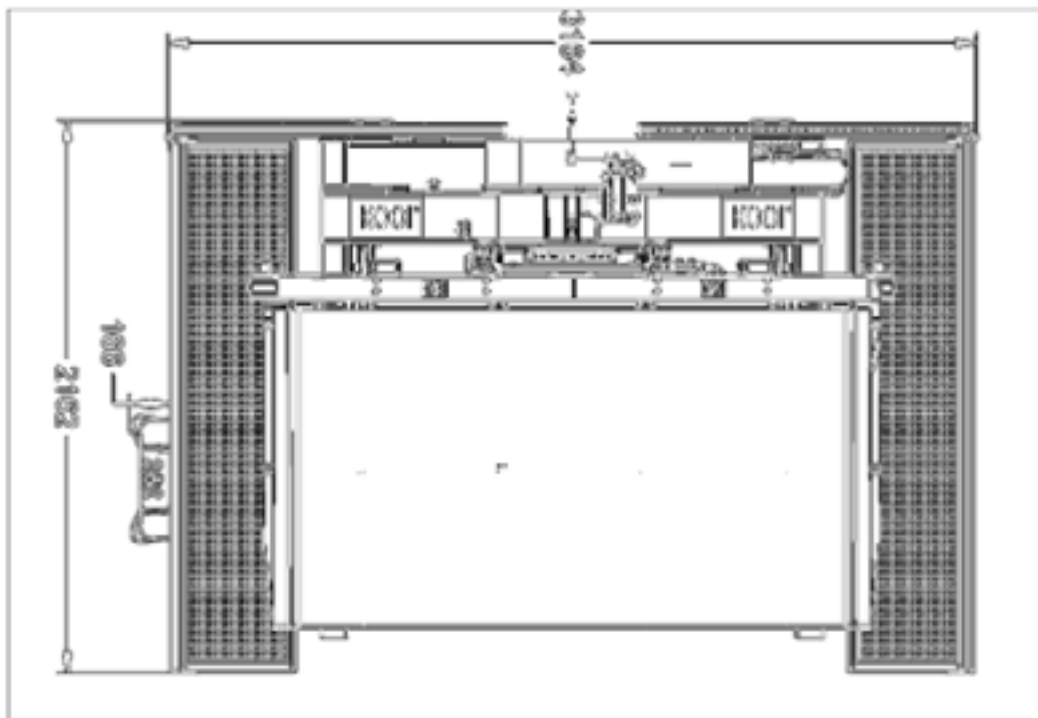
For environments with strict hygiene requirements, such as food, pharmaceutical, and cleanroom applications, the machine can be manufactured with stainless steel components. This ensures maximum corrosion resistance, easy cleaning, and full compliance with industry sanitation standards.

### Other possibilities

In addition to the standard features, our pallet inverters can be equipped with a wide range of optional configurations. From commonly used enhancements to fully customized solutions, we tailor each machine to match your specific operational requirements and industry standards, ensuring the best possible fit for your workflow.

## General Specifications Pallet Inverter:

- Loading capacity: 2000 kg
- Loading platform dimensions (depth x width): 1250 x 1250 mm
- Opening range: 900 – 2500 mm
- Maximum loading height: 2200 mm
- Power supply: 400 V – 50 Hz / 460 V – 60 Hz
- Operation: push buttons, two-hand control
- Inverter weight (excluding safety fencing): approx. 2040 kg
- Installation dimensions (W x D x H): approx. 3200 x 2200 x 2800 mm
- Safety fence weight: approx. 180 kg
- Access: pallets can be placed into the inverter using a loading ramp supplied by Meijer.



## Your Partner in Smarter Material Handling

Choosing Meijer Handling Solutions means investing in reliability, innovation, and long-term performance. With decades of experience, in-house manufacturing excellence, and a globally trusted brand like KOOI®, we provide solutions that keep your logistics running safely and efficiently, every single day.

We are committed to understanding your process, your products, and your ambitions. Together, we turn pallet handling challenges into opportunities for productivity, cost savings, and operational success.

## Production and safety standards

Meijer Handling Solutions requires its KOOL® SYSTEMS to be of the highest quality and we can only guarantee this by complying with all applicable international standards.



### ISO 9001-2008

Model for quality assurance in design/development, production, installation and servicing.



### ISO 4406

Hydraulic fluid power - Fluids Method for coding level of contaminations by solid particles.



### CE

European Machinery Directives  
2006/42/EC

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