



STATIONARY PALLET ROTATOR

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 rotator 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 rotator 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 rotator 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 with 20.000 m² of production space, 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.

Two-hand control

A two-hand control system on a pallet inverter is implemented to maximize operator safety during operation. By requiring both hands to be engaged simultaneously, it ensures that the operator's hands are kept away from moving parts and potential pinch points. This significantly reduces the risk of accidents or injuries while maintaining full control over the machine.

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.

Slow start & Slow stop

A pallet inverter can be equipped with a "slow start & slow stop" feature to ensure smooth and controlled movement during operation. This is particularly important for fragile products such as fruit, as well as when handling liquids, where sudden movements could cause damage or instability.

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.

Our specifications

Our pallet rotators are often customized to meet specific customer requirements, but we also offer a range of standard units within our product portfolio. For example, we manufacture pallet inverters with capacities ranging from 1,250 kg up to 2,000 kg. These machines can be equipped with either single or double support plates, depending on the customer's preferences and operational needs.

The configuration also depends on how the inverter is loaded and unloaded, whether by forklift or by an electric pallet truck. This flexibility ensures that the equipment integrates seamlessly into existing workflows while maintaining efficiency, safety, and ease of use. We are happy to think along with you and will provide a suitable pallet inverter that performs exactly as required.

Energy and Environment

The Meijer Group strives to operate as sustainably as possible. In addition to energy initiatives such as the installation of hundreds of solar panels, Meijer also implements energy-saving measures in the design of its pallet exchange machines. All pallet exchange machines are equipped with an automatic start/stop system, meaning that after each cycle, the primary power supply is automatically switched off to reduce energy consumption.



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

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.



ISO 14001

Environmental management standard for reducing environmental impact in operations.



CE

European Machinery Directives
2006/42/EC

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