KOOI® REACHFORKS

CROSS-DOCKING

ENHANCING EFFICIENCY AND **REDUCING DAMAGE** IN CROSS-DOCKING

- The unloading efficiency increases by 20%, and the loading efficiency improves by 37%.
- More than one deviating (long) pallet can be handled.
- Less damage to goods and pallets.
- The forklift has become more efficient.
- Pallets can be handled faster.
- Minimizing chances of injuries.

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As the industry leader in extendable forklift fork solutions, KOOI® ReachForks are designed to streamline pallet handling processes and minimize product damage, especially when handling euro pallets. Whether in logistics, warehousing, or production environments, KOOI® ReachForks significantly improves the efficiency and safety of material handling tasks.

What are KOOI® ReachForks?

KOOI® ReachForks are **hydraulically extendable forks** that can adjust their length to handle pallets of various sizes, without the need for the forklift to reposition or manually change forks. This flexibility makes them ideal for handling one-two or long non standard pallet sizes reducing damages and improve better pallet support.

Cross-Docking as it is

Cross-docking is used to streamline the supply chain by minimizing storage time and handling costs. It involves unloading goods from inbound trucks directly onto outbound trucks with minimal or no storage in between. This reduces the need for warehousing, speeds up product distribution, and lowers inventory holding costs, making it ideal for perishable goods, high-demand items, and just-in-time delivery systems.

Smart Investment: How KOOI® ReachForks Pay Off

In cross-docking, various goods often arrive on pallets that do not conform to standard sizes. Telescopic forklift forks enhance the efficiency of a standard forklift by making it more versatile, allowing it to handle multiple pallets simultaneously or transport long, non-standard pallets without the need for additional equipment like loose fork extender sleeves. These sleeves are not ergonomic and require extra time to attach, which is critical when time is a key factor.

Key Benefits of KOOI® ReachForks for Cross-Docking

Enhanced Safety

In cross-docking, it's not just standard pallets that need handling; long goods, for instance, require proper support from the forks to avoid damaging the pallet. When forklift forks are too long, they can extend beyond the back of the pallet, increasing the risk of damage. With ReachForks, the fork length can be easily adjusted, ensuring optimal support and minimizing the risk of damage in every situation.

Forklift / Truck Driver Satisfaction

With ReachForks, drivers can easilly adjust the fork length from inside the cabin, enhancing safety and minimizing the chance of product damage. This reduces stress for the driver, allowing them to perform their tasks with more confidence and satisfaction. As a result, they will not only enjoy their job more but will also work with increased productivity.

Reducing Costs and Energy Consumption

We observed that internet transport vehicles with fixed fork lengths are less flexible than those equipped with telescopic extendable forks. ReachForks reduce the risk of damage, provide adequate support for long loads, and optionally allow the transport of one or more pallets at a time. This not only saves time but also reduces energy costs by up to 20%, as the forklift covers fewer distances when transporting two pallet simultaneously.

Time Efficiency

Loading and unloading with telescopic forks offers numerous advantages; you can process one or two pallets simultaneously, and long, non-standard pallets can be managed with extendable forks, eliminating the need for separate "sleeves" to be installed. The efficiency in speed during loading and unloading increases by nearly 30%.

How do KOOI® ReachForks Work?

The technology behind KOOI® ReachForks is simple yet powerful. Using a hydraulic system, the forks can be extend and retract as needed, providing versatility in handling pallets of different sizes or placing pallets deeper into storage racks. This adaptability eliminates the need to switch between forklifts or manually adjustable fork sleeves, thereby increasing productivity.
The KOOI®ReachForks can be easily mounted on a forklift and require an additional hydraulic function. This can be done by additional hoses over the mast or via a solenoid valve. Even with a higher capacity forklift, you still benefit from the advantages and savings described.

Why choose KOOI® ReachForks?

Proven Reliability

Trusted by industries worldwide, KOOI® ReachForks are engineered with high-quality materials, ensuring durability and long service life. More than 100,000 sets are already operational within logistics and KOOI® ReachForks can be applied to all renowned brands.

Customizable Solutions

Tailored to fit the specific needs of your operation, KOOI® Reach-Forks are available in various models and sizes to handle different pallet dimensions, capacities and mounting connections.

Sustainable Operations

With reduced energy consumption and fewer forklift movements required, KOOI® ReachForks contribute to more sustainable and environmentally friendly warehouse operations.

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About Meijer Handling Solutions

Meijer Handling Solutions is the global leader in material handling attachments. We are committed to providing innovative solutions like KOOI® ReachForks to help businesses improve their operational efficiency and reduce costs.

Production and safety standards

Meijer handling Solutions requires its KOOI® REACHFORKS 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 13284
Fork arm extensions and Telescopic fork arms. Technical characteristics and strength requirements. (Safety factor of 3 at all times).

ISO 4406
Hydraulic fluid power - Fluids Method for coding level of contaminations by solid particles.

ISO 3834-2
Quality requirements for welding. Fusion welding of metallic materials.

ISO 2330
Manufacturing, testing, and marking requirements for solid-section fork arms, for quantity production and with all types of mounting.

CE
European Machinery Directives 2006/42/EC

Scan for more information

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