

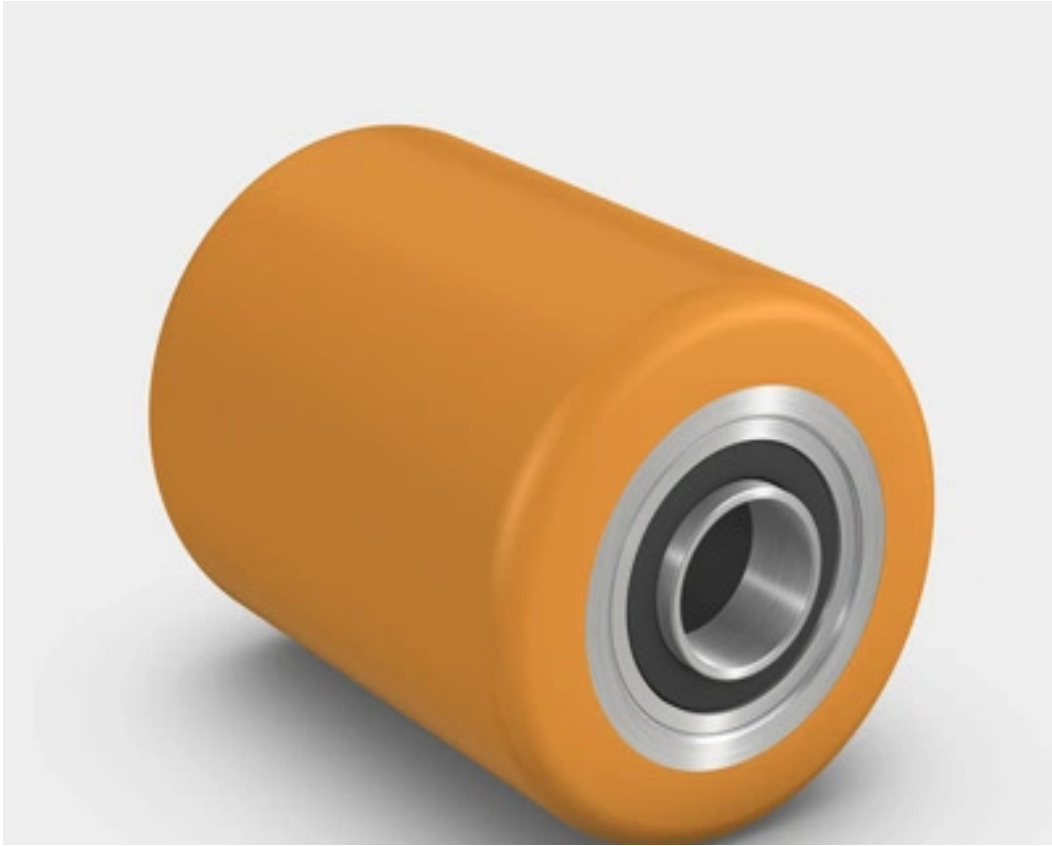
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## Pallet Rollers for Industrial Trucks

Title	Pallet Rollers for Industrial Trucks
Thumb	
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### Description

Philson offers one of the most comprehensive ranges of pallet rollers worldwide, supplying high-performance solutions for electric narrow-aisle trucks, industrial forklifts, and hand pallet trucks. Our rollers are available in VULKOLLAN® or other advanced polyurethane formulations, engineered to ensure long service life and reliability under demanding conditions.



### The function of pallet wheels

Pallet rollers, also known as pallet truck wheels, are essential for enabling smooth, stable, and safe movement of pallets in warehouses, factories, and logistics centers. They support heavy loads, reduce rolling resistance, and ensure precise handling when lifting and transporting goods.

### Features of pallet wheels

Philson pallet rollers are designed to meet the diverse needs of modern material handling:

**High load capacity:** Strong wheel cores and premium treads designed for industrial truck requirements.

**Wear & tear resistance:** Polyurethane and vulkollan® treads extend service life, even under high-intensity use.

**Low rolling resistance:** Smooth and energy-efficient, reducing strain on equipment and

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operators.

Noise reduction: Optimized tread properties for quieter operation in warehouses.

Customization options: Hardness, bearing type, tread profile, and core materials can be adapted to suit load and environment.

## Pallet truck classifications and applications

Pallet trucks are used across industries for efficient goods handling and come in several categories:

Hand pallet trucks: Simple, cost-effective handling solutions for short distances.

Electric pallet trucks: Powered movement for increased efficiency in warehouses and distribution centers.

Narrow-aisle trucks: Designed for high-density storage systems where maneuverability is critical.

Industrial forklifts: Heavy-duty trucks requiring robust rollers to handle extreme loads.



### Wheel core and bearing options

To maximize performance, philson offers different combinations of wheel cores and bearings:

**Wheel core materials:** Options include steel, cast iron, and aluminum for varying load and durability requirements.

**Bearings:** High-quality ball bearings provide smooth rolling and reduce energy consumption.

Philson pallet wheels deliver reliability, strength, and adaptability, making them the trusted choice for global material handling equipment manufacturers and end-users alike.

