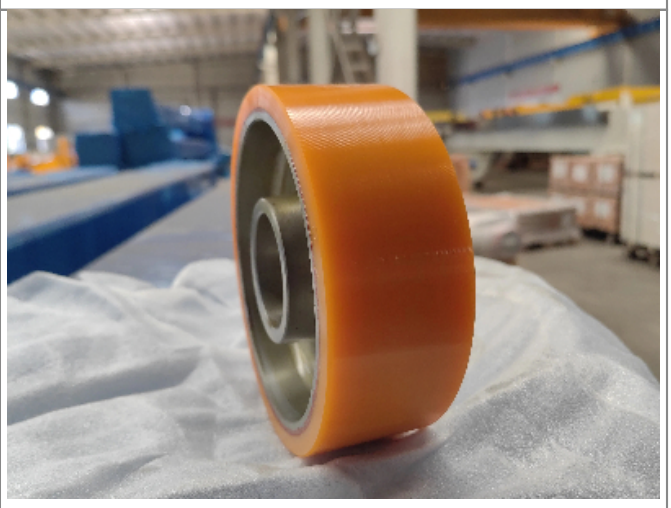
Electric Pallet Truck Drive Wheel

Title	Electric Pallet Truck Drive Wheel
Thumb	
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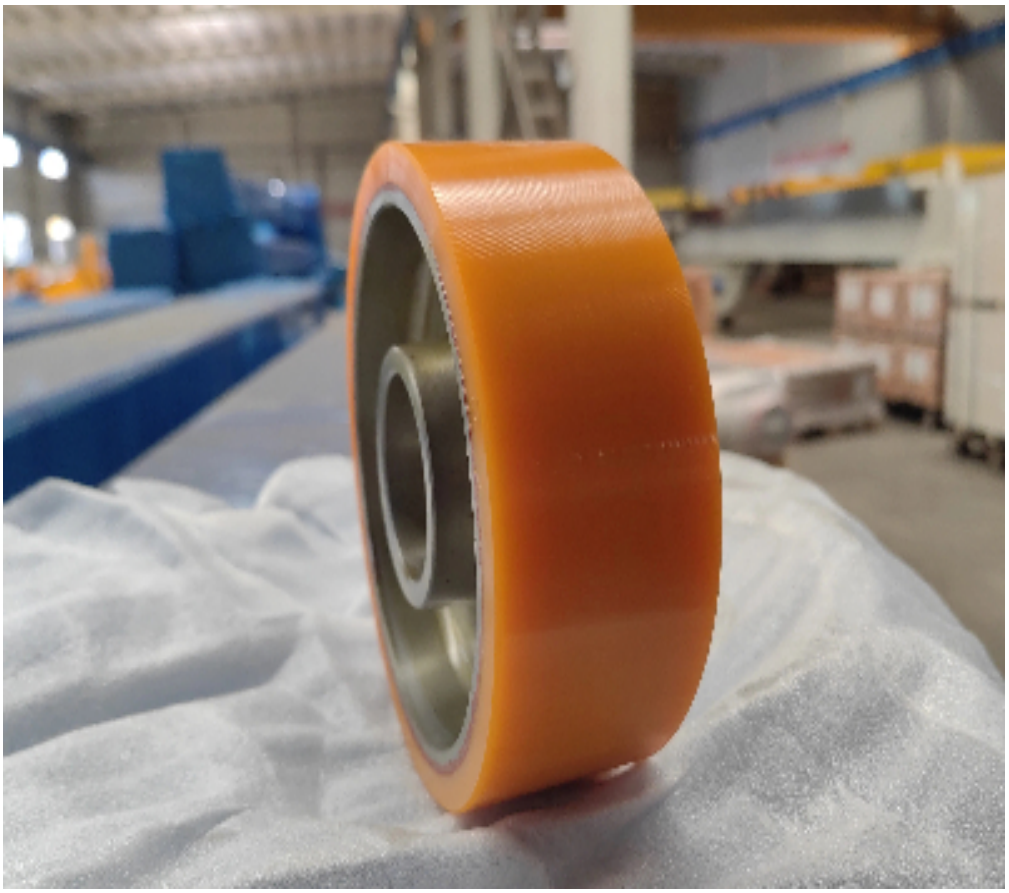
Description

During heavy-duty operations, electric pallet truck drive wheels often face harsh challenges: overheating and degumming from continuous driving, flat spots from long-term static loading, skidding on oily surfaces, and frequent wear and tear. These issues not only slow down your logistics efficiency but also skyrocketing your maintenance costs. Designed to solve these exact pain points, our next-generation high-strength drive wheels for electric pallet trucks feature a total revolution in material formula and manufacturing craftsmanship. Say goodbye to the endless cycle of frequent wheel replacements, and upgrade to a high-efficiency, reliable driving experience today.



Core Advantages: Why Choose Our Drive Wheels?

Premium Polyurethane (PU) Tread: Featuring exceptional wear and tear resistance, it not only withstands ultra-heavy loads but also effectively protects workshop floors from scratches—delivering a quiet, non-marking performance.

Superior Traction & Load Capacity: Engineered with precise dynamics, the tread maintains the perfect contact area with the ground. This ensures the vehicle delivers robust driving power without slipping during full-load acceleration or sharp turns.

Built to Last with Ultra-Low Maintenance: Utilizing a high-strength wheel core combined with an wear-resistant formula, our wheels resist impacts, corrosion, and aging. An ultra-long service life means less maintenance downtime, trimming down every penny of your corporate operational costs.

Overcoming Industry Pain Points Across Varied Environments

No matter how harsh your operating environment is, our drive wheels conquer the challenge through superior physical properties and structural design:

1. Warehousing & Distribution Centers

Continuous long-distance travel and frequent start-stop or steering actions generate intense friction and heat, causing standard wheels to degum and crack. Our drive wheels feature a low heat-generation, high-rebound modified PU formula that dissipates heat rapidly to completely eliminate heat-induced degumming. Additionally, their ultra-low rolling resistance effectively extends the battery runtime of your electric pallet trucks.

2. E-Commerce Logistics Hubs

During peak seasons, equipment operates 24/7, and prolonged parking under full loads often causes permanent wheel deformation. Engineered with a 93-95 Shore A hardness and exceptional anti-creep properties, our wheel treads resist flat-spotting to ensure smooth start-ups. The non-marking, high-purity PU material operates quietly while perfectly safeguarding high-value epoxy resin floors.

3. Manufacturing & Processing Workshops

Industrial floors are frequently slick with cutting oils, lubricants, and chemicals that cause standard wheels to slip, swell, or degrade. Our polyurethane treads offer outstanding oil, acid, and alkali resistance, preventing any swelling upon chemical contact. For wet or oily floors, we offer specialized grooved tread designs that slice through oil films to deliver superior wet grip and precise braking without fishtailing.

4. Cold Chain Storage Environments

In extreme cold temperatures ranging from -20°C to -30°C, standard wheels harden, become brittle, and easily slip on frosted or icy surfaces. Specially engineered for cold chains, our low-temperature resistant formula maintains excellent elasticity and flexibility in deep freeze conditions, preventing cracking. Combined with deep anti-slip tread patterns, it delivers fierce traction on icy and frosted surfaces to guarantee safe operations.

During heavy-duty operations, electric pallet truck drive wheels often face harsh challenges: overheating and degumming from continuous driving, flat spots from long-term static loading, skidding on oily surfaces, and frequent wear and tear. These issues not only slow down your logistics efficiency but also skyrocket your maintenance costs. Discover high-performance heavy-duty drive wheels for electric pallet trucks. Engineered for ultra-high load capacity, our industrial polyurethane wheels eliminate degumming, permanent flat spots, and oil skidding. Perfect for 24/7 mega warehouses, manufacturing, and cold storage (-30°C). Boost uptime today!