Polyurethane Keyway Drive Wheels

Title	Polyurethane Keyway Drive Wheels
Thumb	
Address	Anfeng Industrial Park, Dongtai City, Jiangsu, China
Website	https://www.poly-wheels.com/
Email	sale06@kfqizhongji.com

Description

Our drive wheels are engineered to provide exceptional traction, minimized operational noise, and long-lasting durability, making them a reliable choice for diverse industrial environments. Whether you are maintaining an AGV (Automated Guided Vehicle), an industrial forklift, or an automated conveyor system, the connection between your motor and the wheel is the most critical point of failure. Our drive wheels are designed with a precision-machined keyway, ensuring a secure mechanical lock that prevents slippage and maximizes power transmission efficiency.



Keyed Drive Wheels with Precision Hub Fitting for Enhanced Performance

A wheel is only as good as its fit. Our wheels feature Precision Hub Fitting, which eliminates the play or wobble often found in lower-quality alternatives.

Enhanced Stability: By ensuring a perfect fit with the drive shaft, we minimize vibration even at high speeds or during rapid acceleration and deceleration cycles.

Extended Component Life: Precision alignment reduces radial load stress on your bearings and motor shafts, significantly lowering maintenance costs and equipment downtime.

Seamless Installation: Tight tolerances ensure that the wheel mounts squarely, allowing for consistent performance right out of the box.

The Advantage of High-Grade Polyurethane

We utilize premium-grade polyurethane to manufacture our wheel treads. Unlike standard rubber, our polyurethane wheels offer:

Superior Load Capacity: Designed to handle heavy industrial payloads without deformation.

High Wear Resistance: Engineered for long-term use in abrasive environments or high-frequency transit areas.

Low Rolling Resistance: Consumes less energy, extending the battery life of your autonomous robots or electric transport vehicles.

Applications of Keyed Drive Wheels

These wheels are the ideal solution for:

Automated Guided Vehicles (AGVs) and AMRs.

Electric Pallet Trucks and Stackers.

Industrial Conveyor Drive Systems.

Heavy-Duty Automated Material Handling Equipment.

Don't let subpar wheel fitting compromise the efficiency of your operations. Our Polyurethane Keyway Drive Wheels combine the robust power of keyway driving with the mechanical precision of advanced hub fitting. Contact our engineering team today.