
Heavy Duty Polyurethane Bearing Wheels

Title	Heavy Duty Polyurethane Bearing Wheels
Thumb	
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Description

Our durable, noise-reducing wheels are the industry standard for combining heavy-duty durability, noise reduction, and floor protection.



Understanding Dynamic vs. Static Load Capacities

To prevent tread delamination or flat-spotting, it is crucial to understand load limits:

Dynamic Load Capacity: The maximum weight of a polyurethane wheel, and factory while in motion. It is critical for pallet trucks, automated guided vehicles, and factory automation.
Static Load Capacity: The maximum weight the wheel can support while stationary. Flat spots when parked under heavy machinery, compression sets, prevent permanent

Core Application Scenarios

Material Handling & Warehousing: Hand trucks, automated sorting systems.

Medical & Cleaning: Cleanroom carts. Polyurethane ensures sterile, noise-free mobility.

Deployment & Mining: Heavy industries and petrochemical. Both machined steel wheels is

Custom Polyurethane Wheel Manufacturing

From massive steel-core drive wheels moving tons of equipment to flexible non-marking

low-noise OEM systems in a program or industrial or consumer applications, contact our