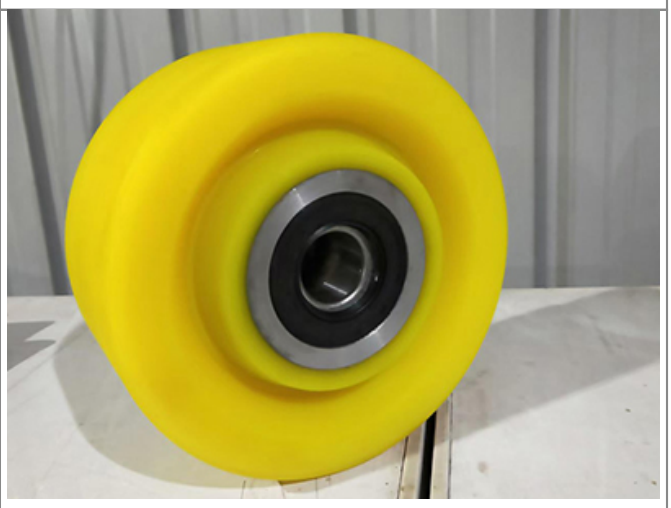
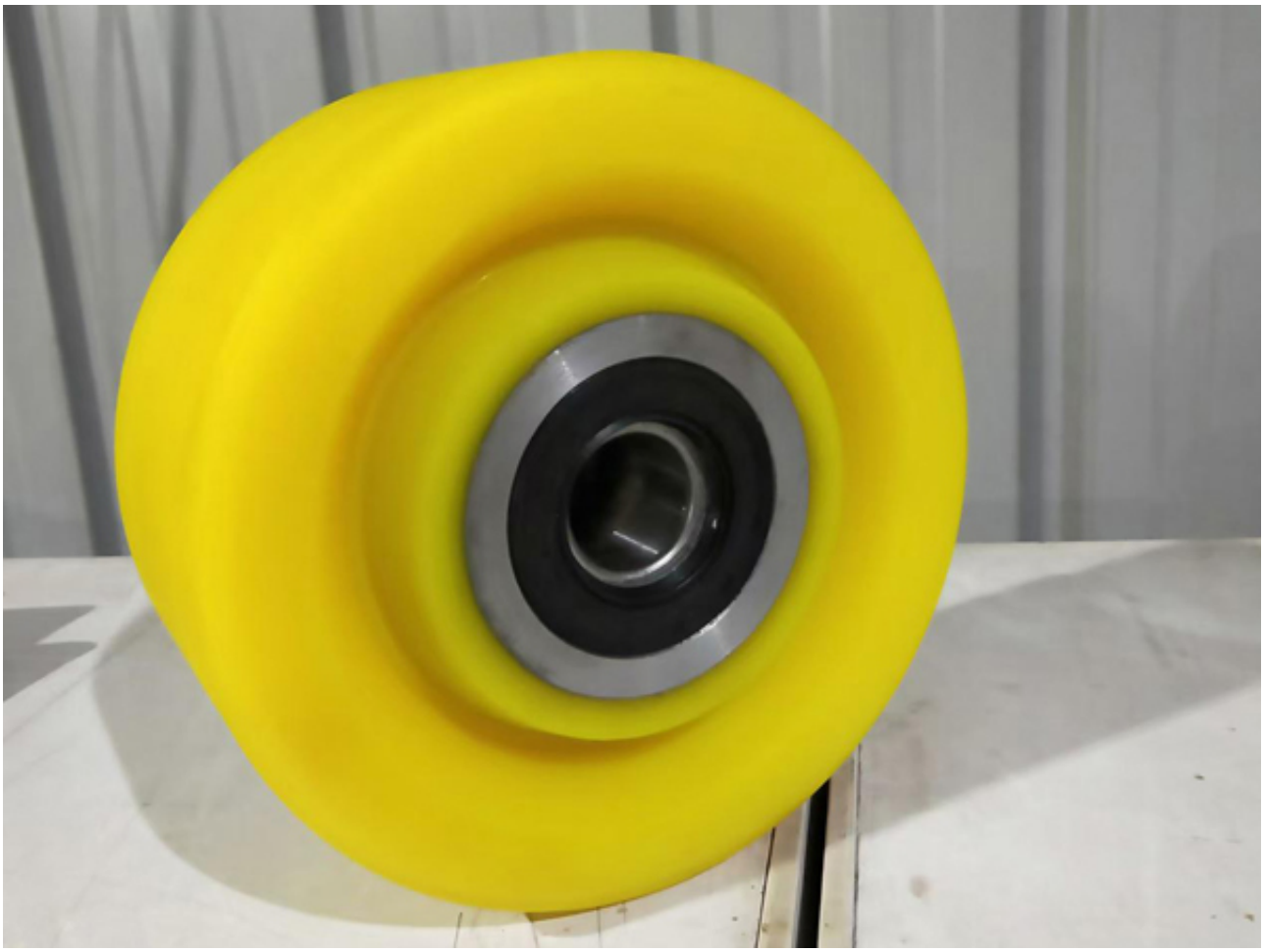
Polyurethane Load Wheel with Bearing

Title	Polyurethane Load Wheel with Bearing
Thumb	
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Description

Polyurethane load wheels with bearings are core running components widely used in airport baggage claim carousels, logistics stackers, automated conveying systems and industrial handling equipment. Cast from high-quality polyurethane and pre-fitted with precision bearings, the wheels feature excellent load-bearing capacity, superior wear resistance and stable rolling performance. They are ideal for long-term continuous operation in high-frequency working scenarios.



Material & Structure

The wheel body is made of high-elasticity solid polyurethane material, featuring anti-slip, oil-resistant and tear-resistant properties, and will not cause damage to the track surface. Built-in high-precision rolling bearing adopts an integrated design for direct installation without extra assembly. The one-piece structure ensures high concentricity, effectively avoiding shaking, deviation and abnormal noise during operation, and improving the overall stability of equipment.

Key Features

1. Heavy load capacity & high stability: Adopting a high-density polyurethane formula, the wheel can withstand heavy pressure, suitable for heavy-duty scenarios such as airport baggage systems and warehouse stackers, with no easy deformation or damage.

2. Wear & impact resistance, long service life: Polyurethane features superior abrasion resistance and good cushioning performance, reducing impact force during start and stop. Its service life is greatly extended compared with ordinary rubber wheels, cutting

replacement costs.

3. Smooth & quiet rolling: Precision-matched bearings ensure flexible rotation and low rolling resistance. The wheels run steadily with low noise, meeting the quiet operation standards of airports and indoor logistics sites.

4. Easy installation & low maintenance: Integrated design of wheel and bearing enables plug-and-play installation without complicated assembly. Durable structure reduces later maintenance costs and equipment downtime.

Application Scenarios

1. Airport baggage claim carousels and airport channel conveying systems

2. Automated warehouse stackers, forklifts and AGV robots

3. Logistics sorting lines and industrial assembly line conveying equipment

4. Heavy-duty handling trolleys and automated parking systems

Damaged Wheel Replacement Service

We not only supply high-quality polyurethane load wheels with bearings, but also provide professional replacement services for worn wheels to ensure continuous and stable operation of customers’ equipment. For high-frequency working sites such as airports and logistics warehouses where wheels are easily worn and replacement is complicated, we offer fast response service to effectively reduce customers’ maintenance costs and eliminate operational worries. We provide one-stop solutions with reliable products and thoughtful supporting services.