

**EFFICIENCY**  
...by design



## CASTOR WHEELS

ISO 9001 : 2018 CERTIFIED

[www.starlinecastorwheels.com](http://www.starlinecastorwheels.com)

*Your choice of Castor Wheel Manufacturer for All Applications*

## POPULAR CASTOR WHEELS



4104822

TPU Overmoulded tread on black nylon wheel on EG coated stud on top frame with full plastic dust cover

**Weight Capacity : 100 kg**  
**Major application: Hospital Wheel**



8200030

UHMWPE Wheel on powder coated fixed frame with welded legs and foot guard

**Weight Capacity : 800 kg**  
**Major application: Heavy duty trolleys**



6124155

Steel insert overmoulded with cast PU wheel on swivel frame

**Weight Capacity : 7 Ton**  
**Major application : Industrial and heavy duty applications**



7401215

Grey Rubber wheel on Nylon insert with brake

**Weight Capacity : 350 kg**  
**Major application : Airport Trolley**



Welded 4301085

Phenolic Resin wheel on rivet welded plate on top frame with grease nipple

**Weight Capacity : 150 kg**  
**Major application : High Temperature Applications**



6247015

Spring Loaded PU on nylon insert wheel

**Major application : High vibration movement trolleys**



**Have a custom specification in mind?**

Our designers can help you bring your specifications to life.

Email us at [cmt@starline.in](mailto:cmt@starline.in) or call at +91 94465 25001



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## Castor Wheels by Materials

Castor wheels, available in all sizes, serve a multitude of purposes across various applications. Tailored to accommodate different speeds and load capacities based on specific requirements, they find widespread use in diverse fields such as medical equipment, display stands, industrial kitchen equipment, and similar applications.

### Cast Iron Wheels

*Built to last*

Starline Cast Iron wheels have exceptional robustness, enabling them to excel in challenging environments where other wheels falter. With an impressive load capacity and temperature resistance of up to 600°C, they are ideal for demanding applications.



### Phenolic Resin Wheels

*Heavy-duty champions*

Phenolic Resin wheels resist heat, oils, grease, and chemicals, making them perfect for demanding environments like heat treatment plants. With a temperature resistance of up to 250°C, they offer reliable performance in demanding conditions.



### Nylon Wheels

*Unbeatable durability & performance*

These specialized Nylon wheels are resilient to high temperatures, durable, and require minimal maintenance. With a maximum temperature of upto 140°C, they offer reliable performance in various applications.



### Rubber Wheels

*Versatile for almost all applications*

Rubber castor wheels provide excellent traction, noise reduction, and shock absorption, making them suitable for indoor and outdoor use alike. The flexibility of rubber enables the wheels to grip surfaces effectively, preventing slippage and ensuring stability during movement. Rubber wheels are bonded to the insert in three primary ways: pressed, clinched, and overmolded.



### PU Castor Wheels

*Smooth and Efficient*

Starline PU Castor wheels, known for their high abrasion resistance, is designed to deliver consistent performance for your product mobility needs. Crafted from solid urethane and mechanically or chemically bonded to plastic, cast iron, or aluminum cores, Polyurethane (PU) wheels have up to a 3,000 kg capacity and exceptional impact resistance, safeguarding floors.



### TPR Wheels

*The perfect blend of strength & cushioning*

Bid farewell to noisy wheels with Starline TPR wheels. Engineered for smooth, quiet operation, they're the perfect choice for any environment. Versatile and reliable, these wheels are suitable for a range of applications, from material handling equipment to office chairs and beyond.







## Polypropylene Castor Wheels

*Affordable, versatile, and resilient - your go-to choice for furniture, hand trucks, and more!*

Polypropylene wheels, lightweight and easy to handle, are effortless to install. Resistant to moisture and chemicals, they're a practical option for furniture, hand trucks, and light-duty equipment, ensuring durability in various settings.

## UHMWPE Castor Wheels

*The ultimate choice for durability*

With exceptional strength and resistance to wear, these wheels handle heavy loads with ease. Their high abrasive resistance, low-maintenance operation and non-marking design make them a top choice for industrial and heavy duty applications.



## ESDPP Castor Wheels

*Provide reliable and safe operation*

Electrically conductive and antistatic wheels are crucial across diverse industries like medical engineering, electronics, automotive, and pharmaceuticals, offering protection against electrostatic discharge. They safeguard both operators and sensitive goods from potential harm caused by transportation-induced static electricity or the goods being transported



## TPU Castor Wheels

*Good floor preservation and non-staining*

Thermoplastic injection-molded polyurethane (TPU) derived from polyesterpolyol, diisocyanate, and glycol exhibits qualities such as vibration absorption, non-marking, non-staining, and high abrasion resistance, ensuring effective floor preservation. Its tread also withstands various aggressive substances, though it has limited resistance to hot water or steam. This tread is ideal for applications where loads remain stationary for extended periods yet need easy maneuverability.



## Castor Wheel by Application

### Hospital Castor Wheels

In addition to meeting mobility needs, Starline Hospital Castor wheels adhere to rigorous safety and performance standards, ensuring compliance with the demanding requirements of the medical sector.



### Scaffolding Castor Wheels

Scaffolding castor wheels feature an easily accessible positive braking and locking mechanism, ensuring the castor remains stationary during scaffold work.

### General Duty Castor Wheels

General-duty castor wheels find indoor application across various settings. Available in all sizes, these wheels are tailored to accommodate different speeds and load capacities as per your specific requirements.



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### High Temperature Castor Wheels

Starline High Temperature Castor Wheels not only withstand high temperatures but also meet stringent hygiene standards, resist corrosion, and support heavy loads. These heat resistant wheels and castors are commonly employed for oven racks, racking trolleys, and autoclaves.



### Heavy Duty Castor Wheels

Renowned for their exceptional quality and durability, heavy-duty wheels are utilized across a broad spectrum of applications, notably in intralogistics, machine, and systems engineering.



### Spring Loaded Castor Wheels

The ultimate shock absorbers for your equipment: from delicate medical instruments to aerospace gear, they ensure a smooth, stable ride. What's more, they do it quietly and effortlessly, so you can navigate any surface with confidence.



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