



ERGO-X WHEELS

EXERTION REDUCING WHEELS FOR LIGHTER LOADS

ERGONOMIC LIGHT WEIGHT WHEELS

ErgoTread Polyurethane

- Custom formulated to return energy, reduces force exerted
- Disperses debris
- Will not damage or mark flooring
- Reduces noise and vibration

Round Donut Shape

- Reduces force exerted to turn
- Pushes away Debris
- Reduces risk of "flat-spotting"



Aluminum Wheel Core

- Corrosion Resistant
- Lightweight
- Mechanically bonds with polyurethane for greater durability and longer use life

Sealed Precision Ball Bearings

- Maintenance free, never needs greasing
- Consistent smooth performance for many years
- Reduces force required to roll
- Easier to roll than other wheel bearing types

OPTIONAL TREAD POLYURETHANE

- HPPT - For higher Speed and Powered Applications
- TR - Tear Resistant Choice of 85A or 95A
- Hard Tread - Higher Weight Capacities

SPECIFICATIONS

- Wheel Sizes: 4"x2", 6"x2", 8"x2"
- Wheel Core: Aluminum
- Bearing Type: Sealed Precision Ball Bearing



FAQ's

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When do I choose the Ergo-X wheel versus TWERGO® wheels?

TWERGO® is the ultimate ergonomic wheel and offers several unique features like parabolic face design which reduces initial and continuous push force by an average of 25%, and a split wheel design which reduces scrubbing and push force when turning. TWERGO® is the right choice for heavy loads and applications where ergonomic performance is critical.

The Ergo-X wheel is a great choice for loads with a total weight of 2,000 lbs or less. It is also has a lower price than TWERGO® making it a better choice when budget is an issue.

Why is this wheel offered with different polyurethane tread materials?

Because "One size does not fit all" with industrial caster applications. The standard offering is our ErgoTread polyurethane which returns energy and creates ergonomic benefits, but that is not the idea formulation for powered applications such as Tug Trains or AGV's, nor is it for heavy loads that may stay idle for an extended period of time. We offer 4 additional polyurethane formulations, each with a different set of characteristics.

How is the polyurethane mechanically bonded to the wheel?

The design of the Ergo-X wheel core has openings on the sides allowing for polyurethane to essentially create a "band" that bonds the polyurethane to the wheel core. That is the reason why the polyurethane wraps around the sides of this wheel and gives it a unique appearance.

Why is this wheel sometimes referred to as a Donut or Balloon wheel?

Because of its shape and appearance, the polyurethane tread material is rounded and extends on to the side of the wheel giving it an appearance similar to a donut.