



GUIDE TO CASTERS

Things to Consider When Selecting a Caster

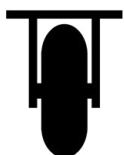


Floor Surface

A larger, softer wheel allows the caster to more easily roll over thresholds and obstacles.

Size

The larger the caster's diameter, the smoother it will roll.



Density

Casters with a harder density and rounded wheel tread will provide smoother transport on carpet.

Weight of Load

The greater the total expected transport weight, the larger the caster needed.



FWE understands the needs of our customers. Whether it be pulling a unit out to do routine maintenance or to take it with you, the unit needs to be mobile. FWE utilizes a wide array of caster designs specifically chosen to fit almost any need. When selecting a caster, take into consideration the weight of the load, oils, chemicals, surface types, transport distance, cart washing, noise suppression, and anti-static requirements.

As of 2022, FWE employs the use of seven different series of casters. In this guide, you will find highly detailed information on the entire caster collection that is used by FWE. The Caster Guide will educate consumers about what type of caster they need to purchase for their equipment.



Master Caster

Easy to push, quiet ride, durable, and cart wash. This is FWE’s best quality caster for most applications.

- Features
- ✓ Heavy Load Bearing
 - ✓ High Maneuverability
 - ✓ Towable
 - ✓ Extremely Easy to Push
 - ✓ Sealed Precision Ball Bearing
 - ✓ Rolls Quietly
 - ✓ Cart Wash and Corrosion Resistant

Total Weight Support

	Each	4-Caster Unit
6"	1000lbs	3000lbs
8"	1200lbs	3600lbs

Master Caster

The Master Caster is the best all-around caster for FWE products. Having the highest load bearing weight, the Master Caster can handle any piece of FWE equipment. With easy maneuverability and silent rolling, the Master Caster will not stop when there is a small obstruction or uneven terrain. The Master Caster is also corrosion resistant.



EZ Roll

FWE’s most popular caster, designed for heavy units and transport over hard or soft surfaces

- Features
- ✓ Corrosion Resistant
 - ✓ Sealed Precision Ball Bearing
 - ✓ Rolls Easily on Carpet and Smooth Surfaces

Total Weight Support

	Each	4-Caster Unit
5"	800lbs	2400lbs
6"	1000lbs	3000lbs
8"	1200lbs	3600lbs

EZ Roll

One of the best general purpose casters, these 2 inch wide casters provide an excellent weight capacity along with floor protection. The EZ Roll series of casters are more maneuverable on soft surfaces, especially under heavy loads. The patented dual precision “Quad X” bearing is maintenance free.



Cart Wash Quiet Ride

Chemical resistant and anti-static, ideal for non-heated carts for use in hospitals

- Features
- ✓ Cart Wash and Corrosion Resistant to Chemicals, Water and Steam
 - ✓ Rolls Quietly
 - ✓ High Maneuverability
 - ✓ Anti-Static
 - ✓ Sealed Precision Ball Bearing

Total Weight Support

	Each	4-Caster Unit
6"	500lbs	1500lbs
8"	600lbs	1800lbs

Cart Wash Quiet Ride

These casters are designed for cart wash applications for FWE’s non-heated carts. Corrosion resistance is provided by the stainless steel bearing. This series is known for its smoothness and silent rolling on most hard surfaces. This series also employs anti-static technologies for hospital environments.



Multi-Terrain

Ideal for rough terrain, demanding operations, and constant use

- Features
- ✓ Easy to Push
 - ✓ Quiet Ride
 - ✓ Round Tread
 - ✓ Roller Bearing
 - ✓ Sturdy Cushion

Total Weight Support

	Each	4-Caster Unit
6"	500lbs	1500lbs
8"	600lbs	1800lbs

Multi-Terrain

Considered to be the best choice when it comes to the most demanding operations and ease of transportation. The Multi-Terrain caster combines the cushioned ride of a pneumatic caster with the harder quality of a high-density caster. This caster is ideal for hard surfaces such as concrete, tile, and linoleum.



Semi-Pneumatic

Cushioned caster designed to travel outside of a typical kitchen workspace over uneven surfaces

- Features
- ✓ Never Flat (Tubeless)
 - ✓ Tread for Uneven Surfaces
 - ✓ Maintenance Free
 - ✓ Sealed Precision Ball Bearing
 - ✓ Rolls Quietly
 - ✓ Rejects Debris

Total Weight Support

	Each	4-Caster Unit
6"	250lbs	750lbs
8"	280lbs	840lbs

Semi-Pneumatic

These casters are made of durable monoprene and immune to punctures. This caster series has no inner tube which means it never goes flat. The tread is similar to a full pneumatic caster to carry loads over uneven or outdoor surfaces. Ideal for correctional facilities, school, and lift gate transport.



Total Lock

Rigid lock completely prevents movement in all directions

- Features
- ✓ Omnidirectional Brake
 - ✓ Ball Bearing
 - ✓ For Stationary Units

Total Weight Support

	Each	4-Caster Unit
5"	275lbs	825lbs

Total Lock

This locking caster is as stable as legs with the added benefit of rolling. What separates the Total Lock from the other series of casters is the ability to use the brake to lock the unit in place, stabilizing the casters in the process. The mechanism locks both rotation and swivel on the caster. An example of a unit for Total Lock caster is a meat slicing table.



Under Counter

Ideal for stationary equipment that needs to operate under a counter height workspace - move for cleaning only

- Features
- ✓ Corrosion Resistant
 - ✓ Takes Place of Legs For Easy Cleaning

Total Weight Support








	Each	4-Caster Unit
2"	80lbs	240lbs
3.5"	250lbs	750lbs

Under Counter

The Under Counter caster is the basic package for FWE’s lightweight equipment. This caster is not made for transporting equipment. This series caster is used for space saving, under counter applications, and is mainly used to move the unit for cleaning purposes only.



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FEATURES	MASTER CASTER	EZ ROLL	CART WASH QUIET RIDE	MULTI TERRAIN	SEMI PNEUMATIC	TOTAL LOCK	UNDER COUNTER
2 RIGID, 2 SWIVEL (STANDARD)							
4 SWIVEL WITH BRAKE							
CHEMICAL RESISTANT							
TOWABLE (LOW SPEED)							
QUIET RIDE							
SMOOTH TERRAINS							
CARPET							
LINOLEUM							
SMOOTH TILE							
SMOOTH CONCRETE							
SMOOTH ASPHALT							
UNEVEN TERRAINS							
GRAVEL							
BRICK							
THRESHOLDS							
GROUTED TILE							
ROUGH CONCRETE							
ROUGH ASPHALT							

* There are many varying factors that must be taken into consideration when selecting a caster for a particular application and environment. Please consult factory for unique terrain applications not listed. A FWE representative would be happy to assist in providing you with the best caster solution.



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