



guide to casters



Things to Consider When Selecting a Caster

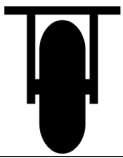


Floor Surface

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 weight of the load, oils, chemicals, surface types, transport distance, cart washing, noise suppression, and anti-static requirements.

As of 2018 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, soft treaded, and cart wash. This is FWE's most versatile caster

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

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 product. 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 resistant to corrosion from chemicals, water and steam.



EZ Roll

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

- Features**
- ✓ Chemical 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 provides 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**
- ✓ Corrosion Resistant to Chemicals, Water and Steam
 - ✓ Rolls Quietly
 - ✓ High Maneuverability
 - ✓ Static Dissipative

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 tread 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
 - ✓ Rejects Debris

Total Weight Support

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

Semi-Pneumatic

These casters are made of durable monprene and immune to punctures. This caster series has no inner tube and therefore is never 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

The Total Lock series grants high maneuverability with its four swivel casters on the base of the product. 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 counterheight workspace - move for cleaning only

- Features**
- ✓ Chemical Resistant
 - ✓ Takes Place of Legs For Easy Cleaning

Total Weight Support








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

Under Counter

Under counter, the 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 savings, under counter applications, and is mainly used to move the unit for cleaning purposes only.



GUIDE TO FWE CASTERS

	 MASTER CASTER	 EZ ROLL	 MULTI TERRAIN	 CART WASH QUIET RIDE	 SEMI PNEUMATIC	 TOTAL LOCK	 UNDER COUNTER
FEATURES							
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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