

Towing Hitch Specifications



Ball / Coupler Type Towing Hitch #6824

TQ Industries builds a very durable ball type towing system. This mechanism shall be made of 3" flat bar secured under the entire length of the base with 1 7/8" ball on one end (rigid), and matching coupler on other end (swivel). Each end shall include a bumper to protect walls & the towing mechanism. The connecting height shall have a 9-11" centerline above floor when using 8" casters. Stress produced by towing is placed on this structure and not on the cart frame & sides. This mechanism can be used on many cart types.



Triangle Type Towing Hitch #6828

This triangle hitch is very durable and is found in many types of carts. This mechanism consists of a fixed channel and removable triangular connector piece. The channel is made of two pipes welded on a 2" steel channel which inserts into the tubular frame on the Tecni-Quip "L" series carts. The channel has three (3) 1" holes, one in the center and two 10" off center, or, 21" center to center. The connector piece is made of 1/2" steel rod with 2" long post which slip in holes in channel. The connector piece is removable and is stored underneath the cart or upright on end of cart. The connecting height from the floor will vary from 5-8" depending on caster size.



Ball versus Triangle Type

Ball type hitches are commonly found for outdoor towing. The Ball Type hitch could be considered safer under varied surfaces and grades with steep inclines and bumps. The Triangle Type hitch is more often found inside facilities or on level surfaces.

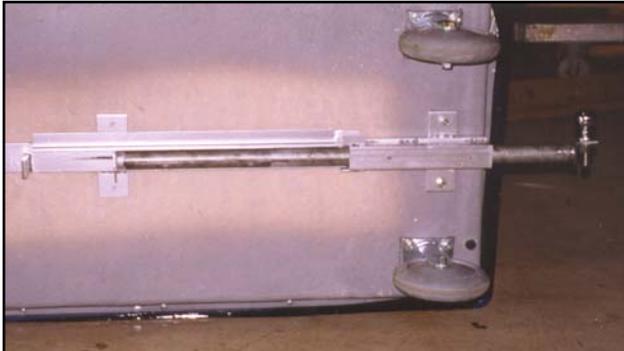
Retractable Towing Hitch Specifications

Part Number #6824

Retractable Towing Hitches are available on all models of TECNI-QUIP aluminum or Fiberglass carts. Please contact factory to discuss in detail.

The Retractable type of towing system is most commonly utilized in situations where the cart's provided floor space is critical, as it will not add additional length to the cart's body.

TECNI-QUIP provides you with the following towing mechanisms in the retractable format: Ball and Coupler*, Triangle type connector* or matching the towing system that your facility currently uses.



Construction is very durable and consists of a metal undercarriage mounted to the base of the entire Cart's body, The retractable towing system glides in and out of this undercarriage.



Towing mechanism shown here , fully extended from under cart for hook up. It will be hidden under cart, when cart is in service.

Carts in photos show with ball/coupler type system.

Fold-up Loop Ring and Pintle Catch Hitch Specifications

Part Number # 6830

The Pintle and Folding Loop Coupler should be used for towing situations over any road surface at speeds not to exceed 20 MPH. Bumps and Inclines up to 20 degrees are not a problem. It is useful where surface are uneven. Multiple carts can be chained and towed together, like a train.

Made of powder coated steel, this style of tow hitch is TOUGH and can handle VERY heavy loads. (Note D.O.T. certified for highway use).

Folding Loop is a simple space saving design.

Can be used with any Pintle Hook where a safety latch is required or with a standard hitch ball, if a safety latch is not required, such as use over level surfaces at walking speed.

