

QRT-360[®]



PREMIUM
HEAVY-DUTY
WHEELCHAIR RETRACTOR



QRT-360[®]

Introducing the QRT-3 SERIES Wheelchair and Occupant Securement System

The first 4-point, heavy duty, fully automatic retractable tie-downs **built to withstand the higher loads of the WC18 standard** and be compatible with WC19 wheelchairs



Meets all requirements of the newest WC18 standards.
Also compatible with WC19 Wheelchairs.

WC18/WC19 at a Glance

As WC19 wheelchairs become increasingly popular, new higher standards have been recommended for wheelchair tie-downs to be fully compatible.

The revised RESNA WC18 standard for Wheelchair Tie-downs and Occupant Restraint Systems (WTORS) was instituted in 2015 and is now in effect.

The most significant implication of the revised standard is that wheelchair tie-downs must be stronger. WC19 covers the design and testing of wheelchairs for use in passenger transportation, and it brings about much needed passenger protection as well as some challenges for WTORS manufacturers.

These crash tested wheelchairs will feature lap belts that are integrally mounted onto the wheelchair frame, as opposed to relying on traditional WTORS equipment where the passenger belts are mounted separately. During a collision, this new dynamic produces loads on the WTORS up to 60% higher.

An All-New Design from the Floor Up

Stronger than any previous retractor, QRT-360 utilizes innovative energy management designs and material technologies to deliver the system's full strength for maximum load capacity.

QRT-360 retractors achieve a surrogate wheelchair rating that meets the requirements of WC18 with an energy-absorbing steel frame, new high strength 58mm webbing with fine-adjust self tensioning, and 25 high-strength teeth. A re-engineered Positive Locking Interface contributes to the system's ability to secure extremely heavy loads.



A More Secure Connection, Every Time

With Q'STRAIN J-hook attachments, operators can achieve a secure attachment on virtually any wheelchair. An updated Positive Lock Indicator provides the operator with clear and certain visual confirmation that the retractor is locked and the vehicle is ready to go. Our patented design eliminates the guesswork when passenger safety is involved.

Automatic Tightening Increases Safety

Q'STRAIN's industry-leading self-tensioning system automatically tightens the straps to eliminate any slack created by small wheelchair movements. The belts continue to tighten during low-g vehicle movements, which reduce the potential for dangerous excursions in the event of a collision.

Automatic Release Makes it Easy to Use

Securement is simplified by the compact and ergonomically designed knob. Thanks to Q'STRAIN auto-release, operators and attendants can pull and secure the wheelchair hook in one step without having to press a release button.

Compatible with Most Vehicles and Chairs

Like other Q'STRAIN systems, the QRT-360 is compatible with the widest variety of wheelchairs and scooters.





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