

QRT[®] SERIES



THE WORLD'S
MOST TRUSTED
WHEELCHAIR RETRACTORS



OVERCOMING TOMORROW'S CHALLENGES, TODAY.

As wheelchairs offer increased range and enhanced mobility, they also get heavier. Transportation service providers, accessible vehicle manufacturers and passengers alike need a new solution for quick, simple, yet effective securement capable of performing under ever-increasing loads.

All New Design, From the Floor Up

Q'STRAINT's all new QRT-5 Series wheelchair and occupant securement system: The world's first 4-point, heavy duty, fully automatic tie-downs designed, engineered and built to safely secure today's heaviest wheelchairs.



QRT-550[®]

The QRT-550E retractor (patent pending), has been designed for and dynamically sled tested with wheelchairs of 200kg and features a unique energy managing design utilising advanced material technology and a double webbing loop.

WC18 Compliant
Integrated Wheelchair Lap Belt
4-Point Tie-Down Securement System

Self-Tensioning Pin Location
for Occupant Belt

Automatic Release

Ease of Use

Space-Saving and
Ergonomic Design



New Technology for a Greater Capacity

For applications up to 150kg including wheelchairs with integral lapbelts, the ideal solution is the new QRT-350E.

QRT-350[®]

The new QRT-350E retractor delivers a groundbreaking rating of 150kg, allowing it to safely secure a WC19 wheelchair with integrated lapbelt.

Increased Safety for All Passengers with Heavy Wheelchairs

With exceptional safety features, lighter and more practical than 6-point tie-down systems, the space efficient QRT-550E retractors safely secure the heaviest wheelchairs with an easy to use 4-point restraint system.

With excursions in the event of collision halved in comparison to 4 rear retractor systems the innovative design of the QRT-550E significantly adds to passenger safety.

The QRT-550E securement system allows maximum flexibility in the design of modern wheelchair accessible vehicles and the safe transportation of heavy wheelchairs up to 200 kg also reducing securement time and complexity.

A Powerful Combination of Strength and Ergonomics

Stronger than any previous retractors, the QRT-350E utilises innovative energy management designs and material technologies to deliver maximum load capacity.

With Q'STRAIT new J-hook attachments, operators can achieve a secure attachment on virtually any wheelchair. A short footprint also allows design flexibility in smaller WAVs.

Q'STRAIT's industry-leading self-tensioning system automatically tightens to eliminate any slack created by slight wheelchair movements.

Compatible with All Vehicles and Wheelchairs

QRT-550E installs quickly in almost any vehicle fitted with proper L-Track or anchor systems, and offers a new, contemporary and stylish design that complements modern vehicle interiors.

Like other Q'STRAIT systems, it is compatible with the widest variety of wheelchairs and scooters.



QRT[®]-1 SERIES

THE SECUREMENT SYSTEM THAT CHANGED EVERYTHING

The World Class 4-point wheelchair and occupant securement system, QRT-1 Series retractors defined the way in which passenger safety devices are designed and tested.

Solutions for Every Need

Today, QRT-1 Series retractors provide a full range of options for simple, safe and effective securement of wheelchairs in community transport vehicles, mini-van, rail, city bus and school bus applications.



QRT Standard

is simple and economical semi-automatic retractor system appropriate for many applications.



QRT Deluxe

is the world-class original self-locking and self-tensioning retractable system. The Max and Deluxe models feature a new ergonomic streamlined housing.



QRT Max

is a fully automatic, knobless retractor offering innovative features that maximize ease of use and ensure passenger safety.

QRT Series Specifications

Testing:
Crash tested to International Dynamic Standards of 30mph, 20g

Meets or exceeds the following standards and regulations:

- ISO 10542
- PAS 2012
- Regulation 107 (Bus & Coach)
- SAE J2249
- FMVSS 209, 302, 210, 222
- CMVSS 209
- CSA Z605
- AS 2596



WWW.QSTRAINT.COM

© 2017 Q'STRAIT®. All Rights Reserved.

Q'STRAIT®, Q'STRAIT® logo and QRT-550™ and QRT-350™ are registered trademarks of Q'STRAIT®, Inc.

Q'STRAIT EUROPE

72-76 John Wilson Business Park
Whitstable, Kent, CT5 3QT
United Kingdom
Tel: +44 (0)1227 773035
Fax: +44 (0)1227 770035
Email: info@qstraint.co.uk

Q'STRAIT AMERICA

5553 Ravenswood Road, #110
Ft. Lauderdale, FL 33312
Tel: 800-987-9987
Fax: 954-986-0021
Email: qstraint@qstraint.com

Q'STRAIT AUSTRALIA

Tramanco Pty Ltd.
21 Shoebury Street,
Rocklea, Australia, QLD. 4106
Tel: +61 7 3892 2311
Fax: +61 7 3892 1819
Email: info@tramanco.com.au