



## Safety Tiebacks and Horizontal Lifelines



When securing building maintenance systems, our range of safety tieback anchors provide code-regulated level of safety required.

Travsafe is a permanent, dual wire rope lifeline system. It is designed to protect users equipped with a harness and lanyard from falls as they traverse the line.

Options are available which permit the operator to easily engage and disengage anywhere along the line if required. A Travsafe lifeline can also include curves and corners to suit any application.

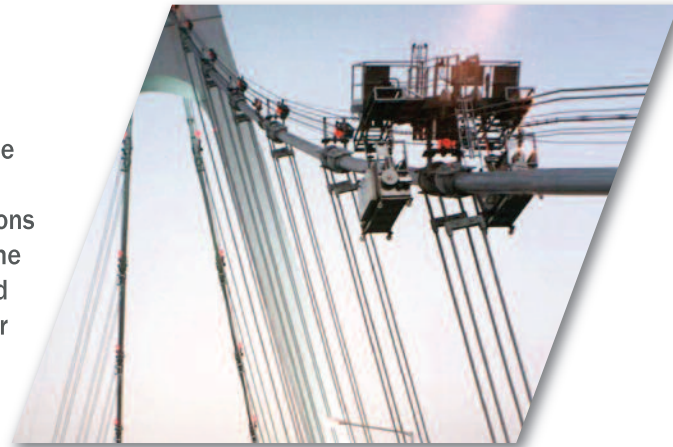
## Special Applications

Tractel supplies access equipment for special applications such as bridges, viaducts, pavilions and other tower structures.

We understand that access for regular inspection and maintenance of these systems is critical. We can provide access to almost any application providing cost-effective solutions for routine access to the largest and most unusual structures.

Tractel engineers have the experience to provide permanent access solutions designed at the same time as the structure, or added later to provide access for inspection and maintenance.

Have confidence; Tractel has over 30 years of experience in the design and supply of custom man-rated applications across North America.



Tractel® is a world leading safety specialist providing reliable, innovative and cost-effective working-at-height solutions and services. These solutions are used in many end-user applications, in particular in industrial, construction, energy, telecoms and infrastructure projects.



## Building Facade Maintenance Equipment

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Tractel Ltd., Swingstage Division is the leading supplier of Permanent Access Systems for building facade maintenance.

Tractel has completed over five thousand projects worldwide which include all of our major product ranges: Roofcars, Powered Davits, Davits, Rolling Ladders, Monorails, Travsafe and Tieback Anchors.

Tractel provides:

- Cost effective solutions
- Full engineering services
- Service for new existing equipment
- Experience in working in occupied buildings
- Full building facade maintenance
- Risk management
- Demonstration and training
- Experience in retrofitting older buildings
- Single source responsibility, featuring inhouse engineering, design, manufacturing and installation by some of the most experienced professionals in the industry
- Equipment that works and is fully compliant with all national and local codes. A120.1 - CAN/CSA-Z271-10

Tractel advantages:

- Over 60 years experience
- In-house manufacturing, quality control
- Most reliable equipment in the industry
- Fewest moving parts
- Easier to use and maintain
- Competitive pricing
- Superior design and engineering
- Installation by experienced professionals
- Inexpensive to maintain
- Full product support
- Nationwide service
- Local sales managers in every region
- Full liability coverage on our equipment, the best in the industry
- Security of a renowned company with personnel who understand the construction environment

We provide single-source responsibility for all your facade maintenance requirements. Tractel is the only company in our industry capable of providing real "turn-key service" to our customers. Offering complete solutions to suit even the most complex design challenges set before us. The permanent solutions we provide means your liability is not compromised. Go with the industry leader, Tractel. Can you afford not to?

## BMU & Track



Roofcars suit a wide variety of buildings, allowing facade access with integrated safety devices standard and a range of options to suit the application.

- Designed for high-rise buildings
- Complete facade maintenance access
- Nothing to assemble or disassemble at roof level
- Built-in safety devices monitor all operations for complete operator safety and peace of mind for the building owner
- Hoists contained in the Roofcar means no power lines to the platform that can fail
- Greater capacity on the platforms
- The system is controlled via two fail safe remote control units located on the platform and roof level BMU. There are three forms of central communication available wireless, conductor core or cable
- Can be designed to suit any application

## Powered Davit Carriages with Powered Platforms

Powered davit carriage building maintenance units are designed for low, mid and high-rise buildings. The equipment suits applications where the labor-intensive operation of moving portable davits from location to location must be overcome.

Davit carriages are capable of servicing buildings with heights of up to 650ft. (200 m).

- Designed for mid to high-rise buildings
- Complete facade maintenance access
- Economical solution where a Roofcar is not practical
- Can be used as a pair of davits or as a single davit for a one-man cage
- Saves the labor-intensive operation of moving portable davits from one location to the next
- Like typical davit systems, the mast can be lowered out of view



## Portable Davits with Powered Platforms



The Tracmod powered platform is fitted with the latest in Tirak powered hoisting systems, with all code-required safety feature fully intergrated.

- Corrosion resistant and robust construction ensures reliability and long life.
- Modular platform sections can be adapted to suit various lengths of the building facade.
- Safety features include emergency descent, stop controls, tilt detection, slack cable detection, separate hoist controls and upper and lower obstruction sensors

## Rolling Ladders and Monorail



A wide variety of access solutions incorporate Monorails, Railscaf, Rolling Ladders, Gantries and Platforms that are vertically mounted or sloped, guided along track-ways or monorails. All designed to blend in with the shape and color of the background of the building.

Powered platforms and portable davits are the most popular solution for exterior building access in North America. Tractel is the leader in the design and provision of these systems.

Our experience is reflected in the advanced features incorporated into our products.

- Designed for low to mid-rise buildings.
- Two piece assembly for easy handling and transportation.
- Davit mast comes complete with wheels for movement between fixed davit bases.
- Davit Masts can be lowered out of site when not in use.
- Special conditions can incorporate portable davit bases



- Designed to access exterior and interior glazed atriums
- Rolling ladder can be manual or power operated
- Rolling ladders and monorails cover a wide variety of access solutions
- Early consultation results in a simplified and economical solution

