



## CATALOG


Lifting and Handling | Measure and Control | Access | Height Safety

United States of America



[www.tractel.com](http://www.tractel.com)

# HEIGHT SAFETY



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# harnesses

at a glance

**Durability** | **Reliability** | **Peak performance**

SERIES	MODEL	DORSAL D-RING	SIDE POS. D-RING	STERNAL D-RING	FRONTAL D-RING(S)	SHOULDER D-RING	PASS THROUGH LEGS	TONGUE AND BUCKLE LEGS	QUICK-CONNECT LEGS	SHOULDER/tracx PAD(S)	LEG PADS	BELT	ELASTICITY (elaspac)	APPLICATIONS	PAGE
<b>COMFORT SERIES</b>															
tracx	AT732_/X	■							■	■				A	85
tracx	AB742_/X	■	■					■		■				AP	85
tracx	AT7132_/X	■	■	■					■	■				ALP	85
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<b>PERFORMANCE SERIES</b>															
versafit	A732	■					■							A	87
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derrick	FFF4_/WP	■			■			■				■		ADL	88
TOWER tracx	FTD13_	■	■	■				■		■		■		ALP	89
TOWER tracx	FTD13_/SAD	■	■	■				■		■		■		ALP	89
elastrac®	FMT95L	■	■						■	■	■	■	■	AP	91
elastrac®	FMT1195L	■	■	■					■	■	■	■	■	ADLP	91
rescue	FUY119_	■	■	■	■				■	■	■	■		ADLP	92



Fall arrest  
CSA group A



Suspension/Descent  
CSA group D



Retrieval  
CSA group E



Ladder climbing  
CSA group L



Positioning  
CSA Group P

# how to choose a harness

## SELECT THE CONNECTION POINTS ADAPTED TO YOUR USE (D-RINGS)



### ADJUSTABLE DORSAL D-RING

For fall arrest and restraint.



### SHOULDER D-RING

For rescue/retrieval operations.



### SIDE-POSITIONING D-RING

For work positioning applications.



### FRONTAL ATTACHMENT D-RING

For suspension and ladder climbing applications.



### STERNAL D-RING

For ladder climbing.

## SELECT THE COMFORT LEVEL ADAPTED TO YOUR TYPE OF USE (ADJUSTMENT POINTS)



### 3-POINT ADJUSTMENT

- Legs (x2)
- Chest (x1)



### 5-POINT ADJUSTMENT

- Torso (x2)
- Legs (x2)
- Chest (x1)



### 7-POINT ADJUSTMENT

- Torso (x2)
- Subpelvic strap (x2)
- Legs (x2)
- Chest (x1)

## SELECT THE LEG ADJUSTMENT TYPE



### TONGUE AND BUCKLE

Easy belt-type adjustment and will not loosen during wear. Proper adjustment needs to be made each time worker uses harness.



### PASS THROUGH

Quick and easy connection and release with pass-thru type buckle.



### QUICK-CONNECT

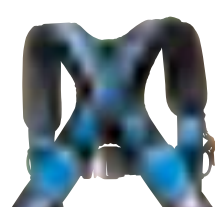
Always-ready adjustment for repetitive use. User simply needs to make a first-time adjustment.

## SELECT ADDITIONAL COMFORT OPTIONS



### elaspac

Replaces conventional stretch webbing with a controlled mechanical pack that limits the harness stretch.



### tracx PAD

Adds support and distributes the loads evenly to the shoulders to reduce worker fatigue.



### LEG PADS

Breathable lining and increases comfort for day-long use.



### BELT

Padded for extra lumbar comfort. Relieves fatigue from weight of hanging tools.

# donning the vest style harness



**1** Unfasten leg and chest straps, hold harness by the dorsal D-ring and inspect before use.



**2** Put harness on like a jacket with dorsal D-ring between shoulder blades.



**3** Connect leg straps and adjust.



**4** Connect chest strap and adjust so it is positioned across the chest.



**5** Adjust shoulder straps and sub-pelvic strap so it is under the pelvis.



**6** The harness should be snug but not overly tight.



**7** Secure all loose ends of the webbing using the elastic keepers. The harness must allow movements and positions without significant constraints of the body.



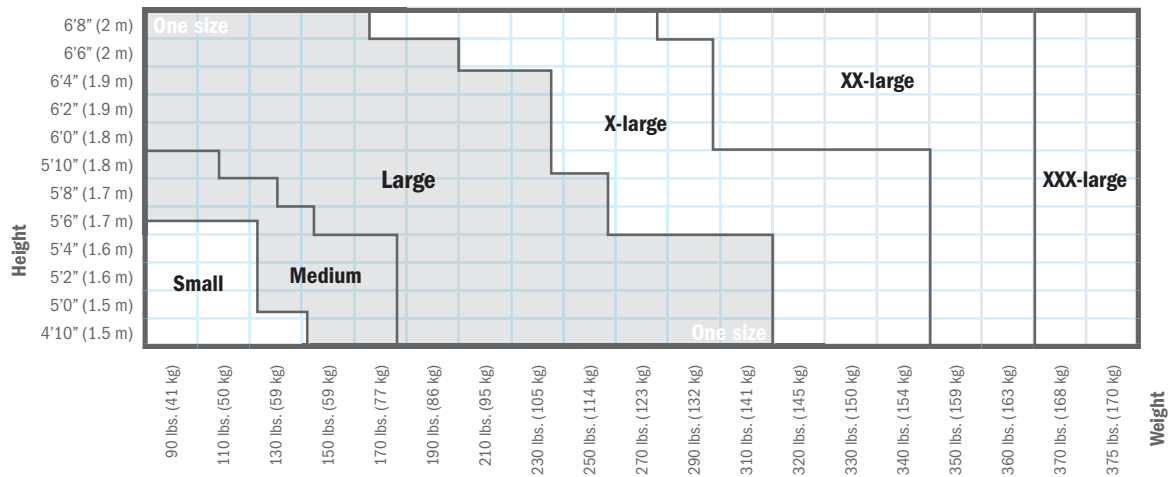
User must read, understand and follow manufacturer's instruction before use. Failure to observe warning may cause falls which may result in serious injury or death. Images are for illustrative purposes only. Options and types of buckles may differ depending on model.

# harnesses

## at a glance

### SIZES

All harnesses are available in different sizes. Modify part number by adding (or by replacing the letter L) at the end of the part number either the letter(s) S for small, M for medium, XL for X-large or XXL for XX-large.



### MODULAR CAPABILITY

Most Tractel® harnesses can accommodate Tractel® belts. Order the belt separately. Only Tractel®'s most popular models are shown. For specific applications, please contact our Customer Service.

### BELT SIZES

SMALL	MEDIUM	LARGE	X-LARGE	XX-LARGE
31-39 in. (78-100 cm)	35-43 in. (88-110 cm)	38-46 in. (98-120 cm)	44-52 in. (108-130 cm)	46-55 in. (118-140 cm)

All belts are available in different sizes. Modify part number by replacing letter **L** at the end of the part number by either the letter(s) **S** for small, **M** for medium, **XL** for X-large or **XXL** for XX-large.

**WAIST BELTS ARE PROHIBITED FOR FALL ARREST.**

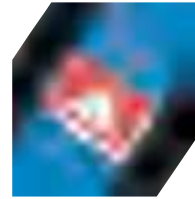
# tracx harness

## features

COMFORT SERIES

**tracx PAD**  
Provides extra comfort and minimizes weight on shoulders. Keeps you dry and comfortable with breathable lining.

**ADJUSTABLE DORSAL D-RING** (hidden)



**VISUAL FALL INDICATOR**  
(on back)

**CHEST STRAP KEEPER**  
To keep the chest strap in place. Designed with additional friction preventing chest strap from sliding.

**LABEL COVER**  
Protects labels containing important product information.

**SPRING-LOADED ADJUSTER BUCKLE**  
Adjusts and stays in place. Prevents webbing creeping.

**BELT LOOP**  
To accommodate any Tractel® removable belt or your favorite tool belt up to 4 in. (10 cm) wide.

**SIDE-POSITIONING D-RINGS**  
For work-positioning applications.

**WAIST PAD**

**TONGUE AND BUCKLE**  
Quick-connect connection also available.

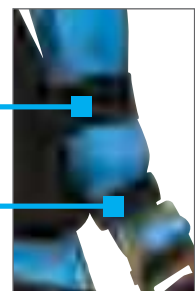
**TRACTEL® 'S EXCLUSIVE DUAL KEEPER SYSTEM**



**LANYARD KEEPER**  
Snap release design to keep the lanyard arm out of the way when not in use and minimizing risk of tripping.

**ELASTIC KEEPER**  
Allows excess webbing to be folded and tucked into the keeper to prevent from getting tangled.

**RUBBER SLIDER**  
Prevents from creeping and losing adjustment.



# tracx harness

combining safety and comfort

COMFORT SERIES

## FEATURES

- tracx pad provides extra comfort and minimizes weight on shoulders. Keeps you dry and comfortable with breathable lining.
- Adjustable sub-pelvic strap
- Optional leg pads

### AT732/X



- Quick-connect buckles
- tracx pad
- Dorsal D-ring
- Sizes: one size and X-large



### AB742/X



- Tongue and buckle legs
- tracx pad
- Side-positioning D-rings
- Dorsal D-ring
- Sizes: one size and X-large



### AT7132/X



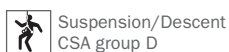
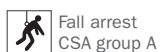
- Quick-connect buckles
- tracx pad
- Side-positioning D-rings
- Sternal D-ring
- Fixed chest strap
- Dorsal D-ring
- Sizes: one size and X-large



### EBB95L/X



- Tongue and buckle legs
- tracx pad
- Padded back support belt with side-positioning D-rings
- Removable tool belt accommodates pouches
- Dorsal D-ring
- Sizes: medium, large and X-large



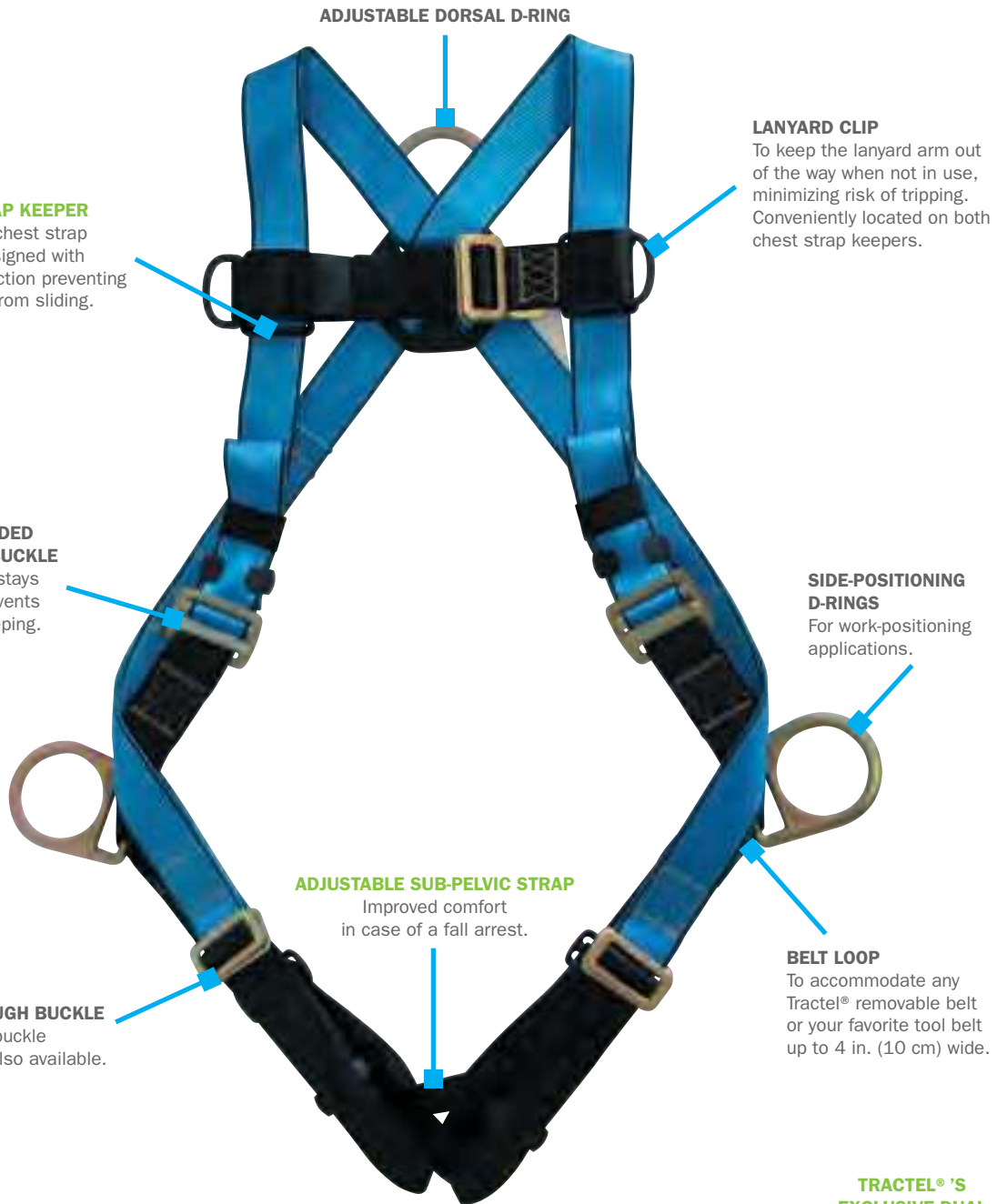
www.tracel.com



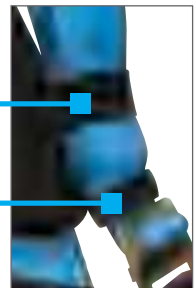
# versafit harness

features

PERFORMANCE SERIES



**VISUAL FALL INDICATOR**  
(on back)



**ELASTIC KEEPER**  
Allows excess webbing to be folded and tucked into the keeper to prevent from getting tangled.

**RUBBER SLIDER**  
Prevents from creeping and losing adjustment.

**TRACTEL® 'S EXCLUSIVE DUAL KEEPER SYSTEM**

# versafit harness

PERFORMANCE SERIES

## FEATURES

- 7-point adjustment including adjustable sub-pelvic strap
- Lanyard keeper
- Label cover

### A732



- Pass through legs
- Dorsal D-ring
- Sizes: small, one size, X-large and XX-large

### AB732 (not shown)

- Tongue and buckle legs
- Dorsal D-ring
- Sizes: small, one size, X-large and XX-large

### A742 (not shown)



- Pass through legs
- Dorsal D-ring
- Side-positioning D-rings
- Sizes: small, one size, X-large and XX-large

### AB742

- Tongue and buckle legs
- Dorsal D-ring
- Side-positioning D-rings
- Sizes: small, one size, X-large and XX-large

### AB714



- Tongue and buckle legs
- Dorsal D-ring
- Retrieval D-rings
- Sternal D-ring
- Fixed chest strap
- Sizes: small, one size, X-large and XX-large

### EBB95L



- Tongue and buckle legs
- Dorsal D-ring
- Padded back support belt with side-positioning D-rings
- Removable tool belt accommodates pouches
- Shoulder pads
- Lanyard retaining clips on both shoulder straps
- Fall indicators / inspection tag / serial number
- Sizes: medium, large and X-large



A732



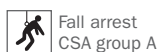
AB742



AB714



EBB95L



Fall arrest  
CSA group A



Suspension/Descent  
CSA group D



Retrieval  
CSA group E



Ladder climbing  
CSA group L



Positioning  
CSA Group P

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# phoenix harness

COMPLIANCE SERIES

**A432**



- Pass through legs
- Dorsal D-ring
- Size: One size fits most



# kevlar® harness

fire retardant

PROFESSIONAL SERIES

**ACK04**



- Pass through legs
- Impact reduction fold
- Five-point adjustment
- Adjustable dorsal D-ring
- Adjustable chest strap
- Sewn sub-pelvic strap
- Inspection tag / serial number
- Kevlar® thread for durability
- Side-positioning D-rings
- Sizes: One-size and X-large



Kevlar® is a registered trademark of Dupont

# derrick harness

PROFESSIONAL SERIES

**FFF4L/WP**



- Tongue and buckle legs
- Extended D-ring
- Adjustable sub-pelvic strap
- Seven-point adjustment
- Restraint D-ring
- Frontal attachment
- Sewn 4 ft. (1.2 m) restraint tie-back lanyard
- Front pad
- Adjustable chest strap
- Lanyard retaining clips on both shoulder straps
- Padded back support belt with rear attachment
- Removable tool belt accommodates pouches
- Fall indicators / inspection tag / serial number
- Sizes: Small, medium, large, X-large and XX-large



# tower tracx harness

PROFESSIONAL SERIES



**LANYARD CLIP**  
To keep the lanyard arm out of the way when not in use, minimizing risk of tripping. Conveniently located on both chest strap keepers.

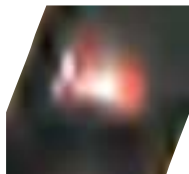
**traxx PAD**  
Provides extra comfort and minimizes weight on shoulders. Keeps you dry and comfortable with breathable lining.

**FIXED CHEST STRAP**

**LABEL COVER**  
Protects labels containing important product information.

**QUICK-CONNECT BUCKLE**

**SPRING-LOADED ADJUSTER BUCKLE**  
Adjusts and stays in place. Prevents webbing creeping.



**VISUAL FALL INDICATOR**  
(on back)

**STERNAL D-RING**  
For ladder climbing.

**BELT LOOP**  
To accommodate any Tractel® removable belt or your favorite tool belt up to 4 in. (10 cm) wide.

**ULTRA COMFORT WAIST PAD**

**SADDLE BUCKLES**

**SIDE-POSITIONING D-RINGS**  
For work-positioning applications.

**ACCESSORY HOOK**

**TOOL RINGS**

**TONGUE AND BUCKLE**

**FTD13L**



- Tongue and buckle legs
- traxx pad
- Padded back support belt with side-positioning D-rings
- Sternal D-ring
- Fixed chest strap
- Removable tool belt accommodates pouches
- Dorsal D-ring
- Sizes: small, medium, large, X-large and XX-large

**FTD13L/SAD**



- FTD13L with pro-seat saddle

**XSAD1**

- pro-seat saddle for harness
- Wrap around comfort pad
- Internal aluminum stay
- Adjustable height for correct fit
- Extended positioning D-ring



**Tractel®'S EXCLUSIVE DUAL KEEPER SYSTEM**



**ELASTIC KEEPER**  
Allows excess webbing to be folded and tucked into the keeper to prevent from getting tangled.

**RUBBER SLIDER**  
Prevents from creeping and losing adjustment.

# elastrac<sup>®</sup> harness

## features

**PROFESSIONAL SERIES**

**tracx PAD**

Provides extra comfort and minimizes weight on shoulders. Keeps you dry and comfortable with breathable lining.

**QUICK-CONNECT CHEST STRAP**

**CHEST STRAP KEEPER**

To keep the chest strap in place. Designed with additional friction preventing chest strap from sliding.

**VISUAL FALL INDICATOR/INSPECTION TABS**

**LABEL COVER**

Protects labels containing important product information.

**SPRING-LOADED ADJUSTER BUCKLE**

Adjusts and stays in place. Prevents webbing creeping.

**SIDE-POSITIONING D-RINGS**

For work-positioning applications.

**INDEPENDENT SEAT SUPPORT**

**INDEPENDENT LEG STRAPS WITH QUICK-CONNECT AND LEG PADS**

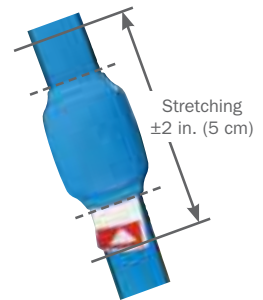
**ADJUSTABLE DORSAL D-RING**

**SUSPENSION LOOP**

To support worker weight while waiting for rescue.

**elaspac**

Replaces conventional stretch webbing with a controlled mechanical pack that limits the harness stretch to a maximum of 2 in. (5 cm) allowing a worker full mobility and freedom of movement while reducing excessive fall distances.



**BELT LOOP**

To accommodate any Tractel<sup>®</sup> removable belt or your favorite tool belt up to 4 in. (10 cm) wide.

**WAIST PAD**

**TRACTEL<sup>®</sup> 'S EXCLUSIVE DUAL KEEPER SYSTEM**

**LANYARD KEEPER**

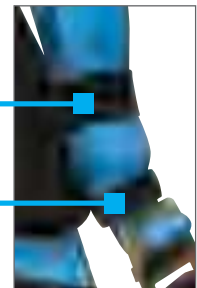
Snap release design to keep the lanyard arm out of the way when not in use and minimizing risk of tripping.

**ELASTIC KEEPER**

Allows excess webbing to be folded and tucked into the keeper to prevent from getting tangled.

**RUBBER SLIDER**

Prevents from creeping and losing adjustment.



# elastrac® harness

flexibility, mobility, durability

PROFESSIONAL SERIES

## ELASTRAC® WITH BELT

### FMT95L



- elaspac
- Quick-connect leg straps
- Quick-connect chest strap
- tracc pad
- Belt
- Suspension loop
- Side-positioning D-rings
- Leg pads
- Sizes: small, medium, large, X-large and XX-large



FMT95L

## ELASTRAC® WIND

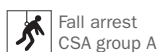
### FMT1195L



- elaspac
- Quick-connect leg straps
- Quick-connect chest strap
- tracc pad
- Belt
- Suspension loop
- Side-positioning D-rings
- Leg pads
- Sewn sternal D-ring assembly
- Frontal attachment (lower)
- Tool rings on belt
- Sizes: small, medium, large, X-large and XX-large



FMT1195L



Fall arrest  
CSA group A



Suspension/Descent  
CSA group D



Retrieval  
CSA group E



Ladder climbing  
CSA group L



Positioning  
CSA Group P

www.tractel.com

# rescue harness

PROFESSIONAL SERIES

## the safety harness with superior fit for all day comfort and quick intervention!



### traxx PAD

Adds support and distributes the loads evenly to the shoulders to reduce worker fatigue

### ADJUSTABLE DORSAL D-RING

### STERNAL AND WAIST D-RINGS

- Improves connection options
- Ideal for ladder climbing, rescue, controlled descent and positioning
- Lightweight

### VISUAL FALL INDICATOR

### LARGE AND BENT ALUMINIUM SIDE D-RINGS

- Improves accessibility
- Facilitates connection options
- Will not interfere in confined spaces when not in use
- Ideal for certain positioning needs
- Lightweight

### TRIPLE-LOCKING ALUMINIUM CARABINER

- Increases safety level
- Lightweight

### INDEPENDENT LEG STRAPS

Leg strap design moves independently allowing complete freedom of movement and flexibility

### LEG PADS

With auto buckle

### FUY119L



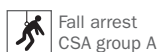
- Y-style keeping shoulder straps in place
- Waist D-ring for rescue attachment and controlled descent
- Independent leg/seat support
- traxx comfort pad
- Comfort waist lumbar support
- Six-point adjustment
- Size: Medium, large, X-large and XX-large

### BENEFITS

- Simplifies rescue attachment
- Keeps work-position centered
- Unrestricted leg movement
- Increased mobility

### APPLICATIONS

- Fall arrest
- Ladder climbing
- Work positioning
- Descent
- Rescue
- Rope access
- Rigging
- Tower climbing
- Wind



Fall arrest  
CSA group A



Suspension/Descent  
CSA group D



Retrieval  
CSA group E



Ladder climbing  
CSA group L



Positioning  
CSA Group P

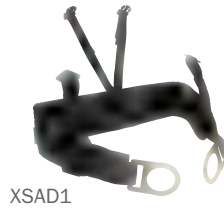
# accessories

## for harnesses

### SADDLE FOR HARNESS

#### XSAD1

- Wrap around comfort pad
- Internal aluminum stay
- Adjustable height for correct fit
- Extended positioning D-ring



XSAD1

### tracvest

#### XVEST02

- Lightweight outer mesh
- Breathable inner liner snaps apart to accommodate harness
- Reflective striping front and back
- Side storage pockets
- Lanyard retaining clip
- D-ring extender keeper
- Washable
- Sizes: one-size and X-large



XVEST02

### SHOULDER PADS

#### XSPADW

- Fits any harness
- Easy to install and remove
- Washable



XSPADW



XLPAD2W

### LEG PADS

#### XLPAD2W

- Fits any harness
- Easy to install and remove
- Washable

### D-RING EXTENDER

#### XW112R1

- 17 in. (0.4 m)
- Compatible with all Tractel® harnesses
- Easy pass-through design



XW112R1



K6FL6A



XTL

### SUSPENSION LOOP

#### K6FL6A

- For post-fall suspension

### TOOL LANYARD

#### XTL

- 2 to 3.3 ft. (61 to 100 cm)
- Maximum tool weight: 10 lbs. (4.5 kg)

### BAGS

#### XB1116 (shown)

- Lightweight storage bag
- 11 x 16 in. (28 x 40 cm)



XB1116

#### XB0820 (shown)

- Carrying bag with handles
- 8 x 20 in. (20 x 50 cm)



XB0820



XB2111

#### XB2111

- Carrying bag with handles
- 11 x 11 x 21 in. (28 x 28 x 53 cm)



# how to choose a lanyard

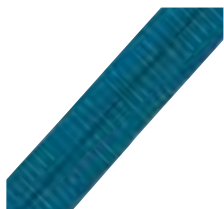
## LENGTH

Different lengths available, the standard is 6 ft. (1.8 m). Selecting the proper length minimizes the free fall distance. (Consult your Competent Person)

## ARMS

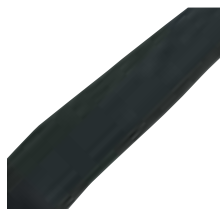
Single-arm lanyards are mostly used for common applications. Two-arm lanyards are used when 100% tie-off is required.

## MATERIAL



### WEBBING

Could be used in different environments, make sure to recognize the possible exposed working hazards. Consult your competent person.



### KEVLAR®

Best heat-resistant material for flammable environments.

## SHOCK ABSORBER



### tracpac

Pack design, deploys and dissipates the energy by extending the deceleration distance.



### stretchfor

Composed of a specially woven core material and a structural tubular sheath webbing. The core material is constructed to stretch when dynamically loaded. With the addition of an internal elastic retainer, the lanyard length stretches and reduces tripping hazards.

## SELF-LOCKING SNAP HOOKS



### ¾ in. (20 mm) STEEL HOOK

Forged steel, standard hook for most applications.



### 2¼ in. (57 mm) STEEL HOOK

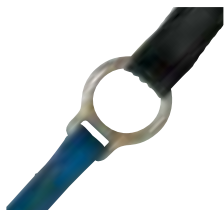
Forged steel, hook used mostly for scaffolding and rebar work.



### 2½ in. (64 mm) ALUMINUM HOOK

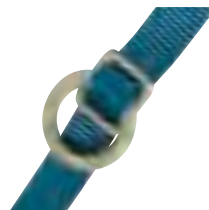
Polished aluminium, lighter for day-long comfort.

## RINGS



### RESCUE RING

Used to relieve tension from victim's lanyard for quicker rescue.



### TIE-BACK RING

Designed to wrap lanyard around suitable anchor structure back to the lanyard (ex. beam).

# shock-absorbing lanyards

All lanyards listed below are 6 ft. (1.8 m) and have a ¾ in. (20 mm) self-locking snap hook at shock pack end.

## tracpac HIGH-ABRASION SHOCK-ABSORBING LANYARDS

- Available lengths: 3, 4, 5 or 6 ft. (0.9, 1.2, 1.5 or 1.8 m) only, except adjustable and tie-back models

### One arm

<b>C106Z</b>	with ¾ in. (20 mm) self-locking snap hook
<b>C106H</b>	with 2¼ in. (57 mm) self-locking snap hook
<b>C196ZZ</b>	adjustable with tie-back and ¾ in. (20 mm) self-locking snap hook

### Two arms

<b>C126C</b>	two arms with ⅝ in. (16 mm) autolocking carabiners
<b>C126H</b>	two arms with 2¼ in. (57 mm) self-locking snap hooks

## phoenix SHOCK-ABSORBING LANYARDS

- Available length: 6 ft. (1.8 m) only

### One arm

<b>C006K</b>	with ¾ in. (20 mm) self-locking snap hook
<b>C006H</b>	with 2¼ in. (57 mm) self-locking snap hook

### Two arms

<b>C026H</b>	two arms with 2¼ in. (57 mm) self-locking snap hooks
--------------	--

## tracpac EXTENDIBLE SHOCK-ABSORBING LANYARDS

- Extends from 4½ to 6 ft. (1.4 to 1.8 m)
- Available length: extendible from 4½ to 6 ft. (1.4 to 1.8 m) only

### Two arms

<b>C226Y</b>	two arms with 2¼ in. (63 mm) aluminum self-locking snap hooks
--------------	---

## tracpac F2 EXTENDIBLE SHOCK-ABSORBING LANYARDS

- Allows to tie off at your feet when overhead anchor is not available
- Extends from 4½ to 6 ft. (1.4 to 1.8 m)
- Available length: extendible from 4½ to 6 ft. (1.4 to 1.8 m) only

### Two arms

<b>CY226H</b>	two arms with 2¼ in. (57 mm) self-locking snap hooks
---------------	--



# shock-absorbing lanyards

All lanyards listed below are 6 ft. (1.8 m) and have a ¾ in. (20 mm) self-locking snap hook at shock pack end.

## tracpac RESCUE LANYARD WITH DUAL SHOCK ABSORBER

- Extendible from 4½ to 6 ft. (1.4 to 1.8 m)
- Available length: stretchable from 4½ to 6 ft. (1.4 to 1.8 m) only

### Two arms

**CA226H/R** two arms with 2¼ in. (57 mm) self-locking snap hooks

## tracpac F2 RESCUE LANYARD WITH DUAL SHOCK ABSORBER

- Allows to tie off at your feet when overhead anchor is not available
- Available length: stretchable from 4½ to 6 ft. (1.4 to 1.8 m) only

### Two arms

**CAY226H/R** two arms with 2¼ in. (57 mm) self-locking snap hooks

## stretchfor SHOCK-ABSORBING LANYARDS

- Reduces tripping hazards
- Available length: stretchable from 4½ to 6 ft. (1.4 to 1.8 m) only

### One arm

**C506Z** with ¾ in. (20 mm) self-locking snap hook

**C506H** with 2¼ in. (57 mm) self-locking snap hook

### Two arms

**C526H** two arms with 2¼ in. (57 mm) self-locking snap hooks

**C526Y** two arms with 2½ in. (63 mm) aluminum self-locking snap hooks

## stretchfor RESCUE SHOCK-ABSORBING LANYARDS

- With rescue ring
- Available length: stretchable from 4½ to 6 ft. (1.4 to 1.8 m) only

### Two arms

**C526H/R** two arms with 2¼ in. (57 mm) self-locking snap hooks

## KEVLAR® SHOCK-ABSORBING LANYARDS

- Fire retardant
- Available length: 6 ft. (1.8 m) only

### One arm

**C0K6Z** with ¾ in. (20 mm) self-locking snap hook

### Two arms

**C0K26H** two arms with 2¼ in. (57 mm) self-locking snap hooks



# work-positioning assemblies



## adjustfor work-positioning rope lanyard CSP06C1

- 6 ft. x ½ in. (1.8 m x 12.5 mm) rope lanyard with rope adjuster
- Friction bend rope adjuster
- Lightweight made of aluminum and steel components
- Abrasion resistant sheath
- Security sewn-end termination



## REBAR CHAIN ASSEMBLY

- ### V61WH
- 2¼ in. (57 mm) with swivel link hook
  - Swivel assembly
  - All self-locking hooks
  - Overall length: 27 in. (68.6 cm)



# connectors for lanyards

All lanyards that meet ANSI A10.32-2012 and Z359.12-2009 come standard with a ¾ in. (20 mm) forged steel self-locking snap hook (#43601 – Z) at each end. Choose your connector in the list below by changing the last letter of the lanyard product code by the one in brackets.

All hooks and carabiners comply with the 3,600 lbs. (16 kN) gate strength requirement.

### PM11Z (C1)

- Alloy steel
- ¾ in. (16 mm) opening
- Breaking strength: 5,000 lbs. (22.2 kN)
- Gate strength: 3,600 lbs. (16 kN)



### P307Z (T)

- Alloy steel
- 2 in. (50 mm) opening
- Breaking strength: 9,000 lbs. (40 kN)
- Gate strength: 3,600 lbs. (16 kN)
- Captive eye pin included



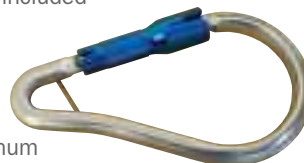
### P2854Z/3

- Anodized aluminum
- 1½ in. (24 mm) opening
- Triple-locking
- Breaking strength: 5,620 lbs. (25 kN)
- Gate strength: 3,600 lbs. (16 kN)



### P2868Z (C6)

- Anodized aluminum
- 2 in. (53 mm) opening
- Breaking strength: 5,620 lbs. (25 kN)
- Gate strength: 3,600 lbs. (16 kN)
- Captive eye pin included



### P202Z (T1)

- Alloy steel
- 1 in. (26 mm) opening
- Breaking strength: 11,200 lbs. (50 kN)
- Gate strength: 3,600 lbs. (16 kN)
- Captive eye pin included



### P407Z (TT)

- Alloy steel
- 2 in. (53 mm) opening
- Breaking strength: 7,200 lbs. (32 kN)
- Gate strength: 3,600 lbs. (16 kN)
- Captive eye pin included



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# fall protection kit

## BASIC FALL PROTECTION KIT

### KIT-B01K



- phoenix T5 harness
- 6 ft. (1.8 m) shock-absorbing lanyard (C006K)
- Storage bag (XB1116)



## quik-mount® roofing system

### quik-mount® KIT



#### N0850S

- phoenix harness (A432)
- Manual rope adjuster and 3 ft. (0.9 m) shock-absorbing lanyard combination (D5U03K)
- 50 ft. (15 m) Superline lifeline (GS50NK)
- One heavy-duty hinged D-ring roof anchor with screws
- Pail



### ACCESSORIES

#### REUSABLE PEAK ROOFING ANCHOR N105B

- Box of five anchors
- Screws included

#### REUSABLE FLAT ROOFING ANCHOR 428104S

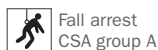
- Box of five anchors
- Screws included

#### HEAVY-DUTY HINGED D-RING ROOF ANCHOR 428103S

- Screws included

#### ROPE ADJUSTER D5U03K

- With sewn 3 ft. (0.9 m) shock-absorbing lanyard



Fall arrest  
CSA group A



Suspension/Descent  
CSA group D



Retrieval  
CSA group E



Ladder climbing  
CSA group L



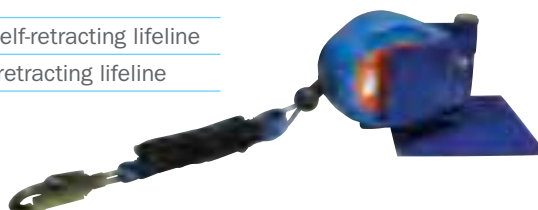
Positioning  
CSA Group P

# roof anchors

## SCREW-DOWN ROOF ANCHOR

The screw-down roof anchor has a 360° swiveling basket to hold up to 50 ft. (15 m) of retractable lifeline. This convenient setup keeps the self-retracting lifeline off the roof and rotating freely for greater ease of movement. Lightweight and portable, this anchor provides a quick solution to your fall protection needs. For wood roofs.

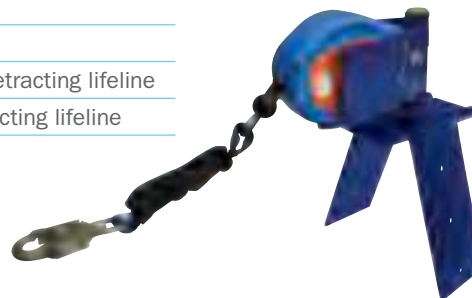
<b>N620</b>	Anchor only
<b>N620/3</b> <i>(shown)</i>	With 30 ft. (9 m) blocfor® AES Leading Edge self-retracting lifeline
<b>N620/5</b>	With 50 ft. (15 m) blocfor® Leading Edge self-retracting lifeline



## ADJUSTABLE/SWIVEL RIDGE ANCHOR

Mount this anchor at the peak of the roof, use up to a 50 ft. (15 m) self-retracting lifeline in the 360° swiveling basket and work both sides of the roof without having to move the anchor. This anchor is the ultimate in flexibility, and with its durable powder coated steel finish, it will provide years of trouble free service. For wood roofs.

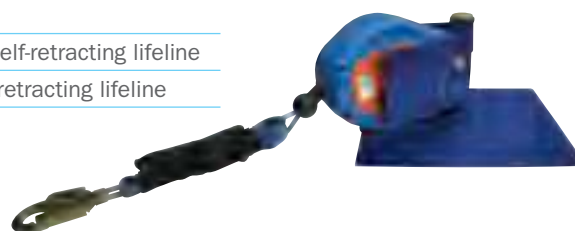
<b>N630</b>	Anchor only
<b>N630/3</b> <i>(shown)</i>	With 30 ft. (9 m) blocfor® AES Leading Edge self-retracting lifeline
<b>N630/5</b>	With 50 ft. (15 m) blocfor® Leading Edge self-retracting lifeline



## FLAT METAL ROOF ANCHOR

The flat metal roof anchor provides continuous protection and 360° freedom of movement on Type B and Type R roof decking as well as flat metal roofs. It's lightweight and the screw-down installation allows for a quick and easy installation. For metal roofs.

<b>N640</b>	Anchor only
<b>N640/3</b> <i>(shown)</i>	With 30 ft. (9 m) blocfor® AES Leading Edge self-retracting lifeline
<b>N640/5</b>	With 50 ft. (15 m) blocfor® Leading Edge self-retracting lifeline



## STANDING SEAM ROOF ANCHOR

The standing seam roof clamp provides continuous protection and freedom of movement on flat or sloped seamed roofs. Provides a 360° swivel mount with a retractable lifeline. Adjustable for metal roof seams 24, 30, 32 and 36 in. (60, 75, 80 and 90 cm). For metal roofs.

<b>N650</b>	Anchor only
<b>N650/3</b> <i>(shown)</i>	With 30 ft. (9 m) blocfor® AES Leading Edge self-retracting lifeline
<b>N650/5</b>	With 50 ft. (15 m) blocfor® Leading Edge self-retracting lifeline



# hard anchorage connectors

## BEAM CLAMP

### V5009

- Fits I-beam from 3 to 9¼ in. (76 to 235 mm)
- Screw-down adjustment



V5009

## BEAM TROLLEY

### V5019

- Fits I-beam from 2<sup>5</sup>/<sub>16</sub> to 8<sup>1</sup>/<sub>16</sub> in. (59 to 220 mm)
- Simple screw-down adjustment
- Locking nut



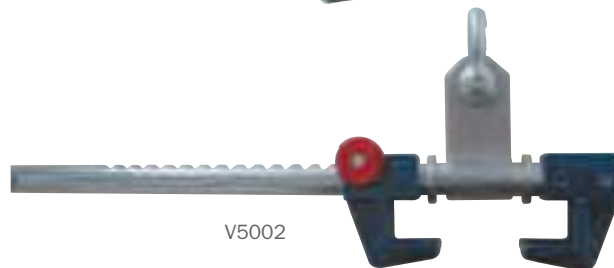
V5019

## beamslide

Sliding beam anchor.

### V5002

- Fits I-beam from 4 to 14 in. (100 to 355 mm)
- Autolocking positioning knob
- Steel rollers allow for smooth travel.



V5002

## WIRE FORM CONNECTOR

- Stainless steel
- Rated 5,000 lbs. (22.2 kN)

### V4212 (J1) (shown)

- 2<sup>7</sup>/<sub>8</sub> in. (73 mm) opening

### V4214 (J3)

- 5<sup>1</sup>/<sub>2</sub> in. (140 mm) opening



V4212

## ANCHORAGE D-RINGS

### V3731 (shown)

- ½ in. (13 mm) hole
- Includes nut and bolt

### V4232

- Clearance hole for ½ in. (13 mm) bolt
- Does not include hardware

### V4238

- Clearance hole for 5/8 in. (16 mm) bolt
- Does not include hardware



V3731

## ANCHOR BAR

### V62217

- Door or window anchor point
- Very fast and easy to set up
- Up to 43 in. (1.1 m) wide



V62217

# hard anchorage connectors

## PORTABLE ancore WEDGE

Reusable concrete anchor connector.

### V42PAWFP

- For fall protection
- Breaking strength: 5,000 lbs. (22.2 kN)

### V42PAWFP2

- For fall protection
- Breaking strength: 10,000 lbs. (44.4 kN)

### V42PALFP

- For fall protection
- Also works with steel
- Breaking strength: 5,000 lbs. (22.2 kN)

### V42PAWCI1K

- For construction or industrial use
- Breaking strength: 5,000 lbs. (22.2 kN)

### V42PAWCI2K

- For construction or industrial use
- Breaking strength: 10,000 lbs. (44.4 kN)



## splice-safe

Lifeline anchor device.

### V4260

- Complies with 5,000 lbs. (22.2 kN) minimum strength rating without an eye splice
- Provides field termination splice
- Use on  $\frac{5}{16}$  and  $\frac{3}{4}$  in. (16 and 19 mm) 3-strand rope
- Use on  $\frac{7}{16}$  and  $\frac{1}{2}$  in. (11 and 13 mm) Kernmantle rope
- Lightweight and re-usable

### V4260C1 (shown)

- + With PM11Z carabiner



## FIRST MAN REMOTE HOOK

Ideal for specialized high reach anchor placement.

### V1820

- Complete first man remote hook (V3106117)
- Fiberglass pole that extends from 8 to 20 ft. (2.4 to 6 m) with adapter for hook assembly (V1106697)

### V148C

- Fiberglass pole
- With carabiner
- Extends from 4 to 8 ft. (1.2 to 2.4 m)



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# soft anchorage connectors

## ANCHOR SLINGS

- Pass-through D-ring
- Rated 5,000 lbs. (22.2 kN)
- Made of polyester webbing
- Heavy duty back pad

### V4135 *(shown)*

- 3 ft. (0.9 m) length

### V4165

- 6 ft. (1.8 m) length



V4135



V4115

## SLING CHOKER

### V4115

- 15 in. (0.4 m) length
- Rated 5,000 lbs. (22.2 kN)
- Made of polyester webbing

## CONCRETE ANCHOR STRAPS

- Rated 5,000 lbs. (22.2 kN)
- For rebar steel
- Protective sleeve
- One loop and one D-ring
- Orange

### V8234/O

- 4 ft. (1.2 m)

### V8236/O

- 6 ft. (1.8 m)



V8236/O

## WIRE ROPE SLINGS

### V419060

- 6 ft. x ¼ in. (1.8 m x 6.5 mm)
- Vinyl covered
- O-rings



V419060

## ENDLESS SLINGS

### V41326

- 6 ft. (1.8 m) endless sling



V41326

# rope grabs

## stopfor® B TRAILING ROPE GRAB

The stopfor® B is a lightweight hands-free grab. The unique design provides a roll over cam brake technology which applies breaking pressure to the lifeline in the event of a fall yet allows unprecedented mobility when travelling, extending rope life.

- Lightweight
- Anti-reversability provided by gravity pin
- Anti-panic function with roll-over cam brake
- 5/8 in. (16 mm) three-strand rope diameter

### WB58

- stopfor® B

### WB58P *(shown)*

- stopfor® B with park feature



## stopfor® K212 TRAILING ROPE GRAB FOR KERNMANTLE LIFELINES

Meets all applicable industry standards including the ANSI IWCA I-14.1 (9.2.2[b]).

### DK2L1Z

- 1/2 in. (13 mm) Kernmantle rope diameter
- Weight: 0.4 lbs. (180 g)
- Rotating side plates allow entry/exit
- Captive lock system via carabiner attachment
- Sold with a 12 in. (0.3 m) lanyard
- Note: Use with Tractel® rope only



# lifelines

## BULK KERNMANTLE LIFELINES

### G70716

- 7/16 in. (11 mm) diameter
- Breaking strength: 8,000 lbs. (35.6 kN)

### G7012

- 1/2 in. (13 mm) diameter
- Breaking strength: 10,000 lbs. (44.4 kN)



## POLYBLEND LIFELINES

- 5/8 in. (16 mm) diameter
- Breaking strength: 6,500 lbs. (28.9 kN)

### G9058

- Bulk – Reels of 600 and 1,200 ft. (180 and 365 m)

### GB—N\*

- Nylon thimble only

### GB—NK\*

- 3/4 in. (20 mm) snap hook

### GB—NH\*

- 2 1/4 in. (57 mm) snap hook



## SUPERLINE LIFELINES

- 5/8 in. (16 mm) diameter
- Breaking strength: 11,500 lbs. (51.2 kN)

### G8058

- Bulk – Reels of 1,200 ft. (365 m)

### GS—N\*

- Nylon thimble only

### GS—NK\*

- 3/4 in. (20 mm) snap hook

### GS—NH\*

- 2 1/4 in. (57 mm) snap hook



## EDGE ROPE PROTECTOR SLEEVE

Prevents synthetic lifelines from being worn or damaged when contact with sharp edges and/or abrasive surfaces cannot be avoided.

### XEDGPRO

- Heavy-duty vinyl coated polyester
- Velcro® opening
- 22 13/16 x 9 7/8 in. (580 x 250 mm)
- Rope lanyard to facilitate installation and position



\* Replace “—” in part number with desired length in feet.  
Standard lengths: 25, 50, 100, 200, 300 and 400 ft.

# self-retracting lanyards

The traccpac self-retracting lanyard allows freedom of movement in elevated areas, eliminates tripping hazards and dangerous falls normally associated with fixed length lanyards. A new robust housing and smoother spring mechanism has been developed for the self-retracting system for a more durable and quicker response lanyard.

## 6 FT. (1.8 M) traccpac SELF-RETRACTING LANYARDS

### C0506Z/6

- Lightweight
- Permanently attached to soft pack
- With  $\frac{3}{4}$  in. (20 mm) self-locking snap hooks
- Available length: 6 ft. (1.8 m) only

## 7 FT. (2.1 M) TWO-ARM traccpac SELF-RETRACTING LANYARDS

### C0527Y/7

- Lightweight
- Permanently attached to soft pack
- Two arms
- With  $\frac{3}{4}$  in. (20 mm) self-locking snap hook at shock pack and  $2\frac{1}{2}$  in. (64 mm) aluminum self-locking snap hooks at each arm
- Available length: 7 ft. (2.1 m) only

## 10 FT. (3 M) SELF-RETRACTING WEB LANYARD WITH COVER

### RN9QK

- Autolocking carabiner
- Fall indicator fold
- $\frac{3}{4}$  in. (20 mm) self-locking snap hook



C0506Z/6



C0527Y/7



RN9QK

# bloctor®

## self-retracting lifelines

### BENEFITS

- No annual factory re-certification, except in Canada. (CSA requires inspection, maintenance and recertification annually, regardless of usage.)
- Patented system
- Integrated energy absorber
- Lower cost of ownership
- Leading edge capability
- Automatically eliminates rope slack

### FEATURES

- Fiberglass filled casing for added durability
- Impact-indicating snap hook
- Rubber recoil bumper
- Corrosion-resistant components
- Isolated drum provides contaminate-free brake components

### bloctor® B20 WEB SELF-RETRACTING LIFELINE

<b>RT20WC8</b>	20 ft. (6 m)	Polyamide 6/ABS
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### bloctor® AES SELF-RETRACTING LIFELINE WITH GALVANIZED STEEL WIRE ROPE

<b>RA20G</b>	20 ft. (6 m)	Polyamide 6/ABS
<b>RA30G</b>	30 ft. (9 m)	Polyamide 6/ABS

### bloctor® AES SELF-RETRACTING LIFELINE WITH STAINLESS STEEL WIRE ROPE

<b>RA20S</b>	20 ft. (6 m)	Polyamide 6/ABS
<b>RA30S</b>	30 ft. (9 m)	Polyamide 6/ABS

### bloctor® AES SELF-RETRACTING LIFELINE WITH SYNTHETIC ROPE

<b>RA30R</b>	30 ft. (9 m)	Polyamide 6/ABS
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### bloctor® AES LEADING EDGE SELF-RETRACTING LIFELINE WITH GALVANIZED STEEL WIRE ROPE

<b>RA30G/LE</b>	30 ft. (9 m)	Polyamide 6/ABS
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bloctor® B20



bloctor® AES



bloctor® AES  
Leading Edge

**NO ANNUAL  
RE-CERTIFICATION!**

When subject to a fall, the unit must be returned for service.

# blocfor®

## self-retracting lifelines

### FEATURES

- Sleek and durable housings
- Integrated carrying handles on some models
- Lightweight
- Easy to handle
- Synchronized twin inertia-braking pawls
- Constant triggering speed regardless of position
- Isolated spring and braking mechanism made of anti-corrosive and anti-sparking materials
- Impact-indicating snap hook
- Rubber recoil bumper
- Tamper proof connector assembly including carabiner
- Leading edge capability on certain models

### blocfor® SELF-RETRACTING LIFELINE WITH GALVANIZED STEEL WIRE ROPE

<b>RT50G</b>	50 ft. (15 m)	Polyamide 6/ABS
<b>RT75G</b>	75 ft. (23 m)	Cast aluminum
<b>RT100G</b>	100 ft. (30 m)	Cast aluminum

### blocfor® LEADING EDGE SELF-RETRACTING LIFELINE WITH GALVANIZED STEEL WIRE ROPE

<b>RT50G/LE</b>	50 ft. (15 m)	Polyamide 6/ABS
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### blocfor® SELF-RETRACTING LIFELINE WITH STAINLESS STEEL WIRE ROPE

<b>RT50S</b>	50 ft. (15 m)	Polyamide 6/ABS
<b>RT75S</b>	75 ft. (23 m)	Cast aluminum
<b>RT100S</b>	100 ft. (30 m)	Cast aluminum

### blocfor® SELF-RETRACTING LIFELINE WITH SYNTHETIC ROPE

<b>RT50R</b>	50 ft. (15 m)	Polyamide 6/ABS
<b>RT100R</b>	100 ft. (30 m)	Cast aluminum

### OPTIONAL UPPER SWIVEL ATTACHMENT

Add “/SW” to the end of the product code



50 ft. models

75 and 100 ft. models

Optional swivel

height safety

self-retracting lifelines

## NO ANNUAL RE-CERTIFICATION!

When subject to a fall, the unit must be returned for service.

[www.tractel.com](http://www.tractel.com)

# derope®

## emergency escape/controlled descent devices



### FEATURES

- Easy to use, minimum training required
- Enables the evacuation of one or two persons from an elevated position to a lower level or the ground
- Automatically controls rate of descent
- Constant descent speed of 235 fpm (72 m/min) for one person and of 295 fpm (90 m/min) for two
- Up to 1,300 ft. (400 m) of descent for one person and up to 650 ft. (200 m) of descent for two
- Multi-person rescue capability
- Snap hooks located at each end of the rope allow for multiple evacuations
- Operation can be carried out down a cableway or tagline positioned at an angle between 30° and 60°
- Available with hand crank winch for limited lifting
- Dual descent pig tails
- Integrated jamming cleat that gives the user more control during a rescue
- External cooling fins ensure that the unit is quickly ready for consecutive descents
- Utilizes 3/8 in. (9 mm) Kernmantle rope
- Meets ANSI Z359.4-07 and CSA Z259.2.3, type 1E

### derope® T DESCENT DEVICE SYSTEMS

Standard derope® allows a back and forth evacuation upwards as well as downwards.

- derope® T descent device unit
- 6 ft. (1.8 m) vinyl covered wire rope sling (V4173)
- 3/4 in. (20 mm) carbon steel autolocking carabiner (PM11Z)
- J-knife (KSOS)
- Rescue/rope bag (XB23144 or XB26168)

<b>KT7200/TK</b>	200 ft. (60 m) derope® rescue system
<b>KT7300/TK</b>	300 ft. (91 m) derope® rescue system
<b>KT7400/TK</b>	400 ft. (121 m) derope® rescue system
<b>KT7500/TK</b>	500 ft. (152 m) derope® rescue system
<b>KT7600/TK</b>	600 ft. (182 m) derope® rescue system

### derope® UP A DESCENT DEVICE SYSTEMS

Incorporates a hand wheel winch mounted on to the base unit which allows the derope® descent device to be used as a lifting device. With a lift ratio of roughly 2:1, the winch is capable of lifting a victim in order to release it from its fall protection sub-system.

- derope® Up A descent device unit
- 6 ft. (1.8 m) vinyl covered wire rope sling (V4173)
- 3/4 in. (20 mm) carbon steel autolocking carabiner (PM11Z)
- J-knife (KSOS)
- Rescue/rope bag (XB23144 or XB26168)

<b>KT7200/AK</b>	200 ft. (60 m) derope® rescue system
<b>KT7300/AK</b>	300 ft. (91 m) derope® rescue system
<b>KT7400/AK</b>	400 ft. (121 m) derope® rescue system



# derope®

## emergency escape/controlled descent devices

### LADDER derope® UP E DESCENT DEVICE SYSTEMS

Equipped with a wheel winch and a ladder bracket that can be secured on ladder rungs for more stability during rescue operations.

### derope® UP E DESCENT DEVICE WK SYSTEMS

- derope® Up E descent device with mounted ladder adapter
- Adjustable lanyard including two ¾ in. (20 mm) carbon steel autolocking carabiners (D58U98)
- Edge roller (K072586K)
- Rescue bag (XB26168)

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**KT7300/WK** 300 ft. (91 m) derope® rescue system

---

**KT7330/WK** 330 ft. (100 m) derope® rescue system

---

### derope® UP E DESCENT DEVICE WKE SYSTEMS

- derope® Up E descent device with mounted ladder adapter
- Adjustable lanyard including two ¾ in. (20 mm) carbon steel autolocking carabiners (D58U98)
- Edge roller (K072586K)
- Rescue bag (XB26168)
- T-bar (K5TBAR/K)
- stopfor® A rope grab (WA58)

---

**KT7300/WKE** 300 ft. (91 m) derope® rescue system

---

**KT7330/WKE** 330 ft. (100 m) derope® rescue system

---

### TRIPOD derope® UP R DESCENT DEVICE SYSTEMS

Equipped with a wheel winch and a tripod bracket that can be secured on a tripod leg to perform rescue operations in confined space environments.

---

**KT7050/R** 50 ft. (15 m) derope® rescue system

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**KT7100/R** 100 ft. (30 m) derope® rescue system

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### KERNMANTLE ROPE

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**GC7S9** Super dry, semi-static ¾ in. (9.5 mm) Kernmantle rope

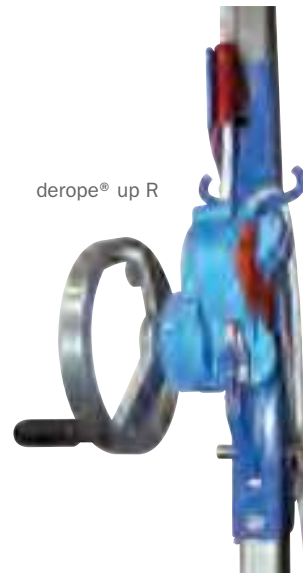
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### To calculate rope length required

- Evacuation: descent height x 1
- Controlled rescue: descent height x 2



derope® up E



derope® up R



# control descent device

## d4 DESCENDER

Controlled-descent device with safety descent lever containing dual brake mechanism for accidental release or panic grab.

### K6013572

- Standard: EN 340, class A (exceeds CSA Z259.2.3-99 and ANSI Z359.3-06)
- Rope diameter:  $\frac{7}{16}$  in. (11 mm) Kernmantle rope
- Hinged side plate to facilitate rigging
- Aluminum alloy sheaves
- Stainless steel side plates

## d4 DESCENDER KITS

- d4 descender (K6013572)
- Rope assembly
- 6 ft. (1 m) endless sling (V41326)
- Carabiner (PM11Z)
- Carrying bag

### KIT-D430

- 30 ft. (9.1 m)

### KIT-D450

- 50 ft. (15.2 m)

### KIT-D475

- 75 ft. (22.8 m)

### KIT-D4100

- 100 ft. (30.4 m)



# ascent/descent systems

## ASCENT/DESCENT SYSTEMS

Designed for controlled descent, work access and rescue for general industry, maintenance and confined space applications.

- Manually operated, raising and lowering
- Requires 10 lbs. (4.5 kg) of force to hold a 220 lbs. (100 kg) load
- 4:1 mechanical advantage
- Anti-reversing lock, activates in descent mode
- Positioning ascender
- $\frac{7}{16}$  in. (11 mm) diameter Kernmantle rope
- Optional  $\frac{1}{2}$  in. (13 mm) diameter Kernmantle rope available
- Travel/storage bag

### K50S25

- 25 ft. (7.6 m) system

### K50S50

- 50 ft. (15 m) system

### K50S75

- 75 ft. (23 m) system

### K50S100

- 100 ft. (30 m) system



## LEFT AND RIGHT HAND ASCENDERS

For rope ascension or specialty rigging applications used within rope access and rescue practices.

- Standard: EN 567 (*Mountaineering equipment*)
- Rope diameter:  $\frac{3}{8}$  to  $\frac{1}{2}$  in. (9 to 12 mm)
- Aluminum alloy
- Breaking strength: 3,375 lbs. (15 kN)

### K3020492

- Right ascender handle

### K3020502

- Left ascender handle



# accessories

## for rescue and control descent

### SUSPENSION LOOP

#### K6FL6A

- For post-fall suspension

### BAGS

#### XB23144

- Medium size for up to 300 ft. (91 m) of rope

#### XB26168

- Large size for more than 300 ft. (91 m) of rope

### EDGE ROLLER

Edge protection for use on industrial structures.

#### K072586K

- Aluminum alloy

### VICTIM TRANSFER PULLEY

#### K9TRPS

- Two carabiners
- 4:1 mechanical advantage
- Storage bag

#### XB2410

- Storage bag for victim transfer pulley

### J-KNIFE

#### KSOS

- Hook blade for cutting webbing during rescue

### T-BAR HANDLE

To lift lanyard during rescue.

#### K5TBAR/K

- With attached carabiner (PM11Z)

### DAISY CHAIN

Use with rope ascending devices, industrial rope access techniques or vertical rescue applications.

#### K8DC01

- 68½ in. (1.75 m) long

### HARD-SHELL CASE

#### XC101289-NF

- Heavy-duty carrying case
- Properly stores unit

### HARD-SHELL CASE LIFTING STRAP

#### KSTRAP (not shown)

- Designed to support rescue case
- Maximum capacity of 200 lbs. (90 kg))

### BRACKET FOR TRIPOD derope® UP R DESCENT DEVICE SYSTEMS

Secures derope® on a tripod's leg to perform rescue operations in confined space environments.

#### 7987428 (not shown)

### VINYL COVERED WIRE ROPE SLING

#### V4173

- 6 ft. x ¼ in. (1.8 m x 6.5 mm)



K6FL6A



XB23144



XB26168



K072586K

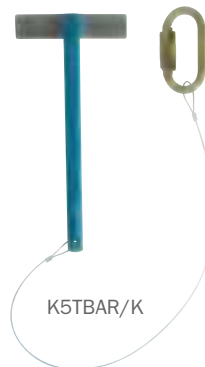


K9TRPS

XB2410



KSOS



K5TBAR/K



K8DC01



XC101289-NF



V4173

www.tractel.com

# confined space systems

Accessing confined spaces involves a number of life-threatening hazards. These may include the possibility of a fall or the occurrence of being overcome by fumes or gases. Tractel®'s confined-space access and rescue systems are designed to provide a safe means of accessing a confined space area. In an emergency, confined-space systems allow the rescuers to retrieve the injured or unconscious workers without exposing themselves to similar potential hazards.



MODEL	DESCRIPTION	TRIPOD		BI-DIRECTIONAL RETRIEVAL		WINCH		RETRACTABLE LIFELINE	
		T3S7	T1T50G	T1T100G	T2S50G	T2S100G	RT50G	RT100G	
<b>T51F50G</b>	Confined space system One – 50 ft. (15 m)	■	■						
<b>T51F100G</b>	Confined space system One – 100 ft. (30 m)	■		■					
<b>T52F50G</b>	Confined space system Two – 50 ft. (15 m)	■	■		■				
<b>T52F100G</b>	Confined space system Two – 100 ft. (30 m)	■		■		■			
<b>T53F50G</b>	Confined space system Three – 50 ft. (15 m)	■			■		■		
<b>T53F100G</b>	Confined space system Three – 100 ft. (30 m)	■				■			■

All the above systems include required head pulleys, mounting brackets and carrying bags.

# accessories and equipment

for confined space systems

## SPREADER BAR

### T9YL2Z

- Web 2 ft. (0.6 m)



## WORK WINCHES

- Galvanized steel wire rope lengths of 50, 100 or 200 ft. (15, 30 or 60 m)
- Tripod mounting bracket included

### T2S50G

- 50 ft. (15 m) work winch

### T2S100G

- 100 ft. (30 m) work winch

### T2S200G

- 200 ft. (60 m) work winch

*Work winch must be used with a backup fall-arrest system.*



## LEG-MOUNTING BRACKETS

### T90B4

- For blocfor® retrieval lifeline

### T90B5

- Tripod leg-mounting bracket included with tripod



## STEEL HEAD PULLEY

- Easy to install
- Pulley with sealed ball bearing
- Pulley supplied with carabiner

### K3040102

- Steel head pulley

### PM11Z

- ¾ in. (20 mm) alloy steel carabiner



# accessories and equipment

for confined space systems

## **blocfor® BI-DIRECTIONAL RETRIEVAL LIFELINES**

While the retracting capability of the unit provides freedom of movement and fall protection, the device can be easily converted to a recovery device to rescue an injured or unconscious worker.

MODEL	LENGTH	CASING
<b>With galvanized steel wire rope</b>		
<b>T1T50G</b>	50 ft. (15 m)	Polyamide 6/ABS
<b>T1T100G</b>	100 ft. (30 m)	Cast aluminum
<b>With stainless steel wire rope</b>		
<b>T1T50S</b>	50 ft. (15 m)	Polyamide 6/ABS
<b>T1T100S</b>	100 ft. (30 m)	Cast aluminum



## tripods

### **STANDARD TRIPODS**

- Telescopic aluminum tripod
- Minimum breaking strength: 5,000 lbs. (22.2 kN)
- Two forged steel anchor eyes
- Includes leg-mounting bracket (T90B5)

#### **T3F7** (shown)

- 7 ft. (2.1 m) tripod

#### **T3F9**

- 9 ft. (2.7 m) tripod



### **CARRYING BAG FOR TRIPOD**

#### **XB15105**

- For up to 10 ft. (3 m) tripod
- 105 x 15 x 15 in. (267 x 38 x 38 cm)



# rescue and rope access

## S PULLEY (FIXED SIDE PLATES)

Technical rigging applications for light to medium loads and personnel. Ideal use within arboricultural climbing systems or guided descent evacuation.

### K3040162

- Single sheave: 1 $\frac{1}{16}$  in. (27 mm)
- Breaking strength: 4,500 lbs. (20 kN) direct
- Dimension: 3 $\frac{3}{16}$  x 2 $\frac{1}{8}$  in. (81 x 55 mm)
- Rope diameter:  $\frac{3}{8}$  to  $\frac{1}{2}$  in. (9 to 13 mm)
- Aluminum alloy
- Standard: EN 12278 (*Mountaineering equipment*)



## M PULLEY (ROTATING SIDE PLATES)

Technical rigging applications for light to medium loads and personnel.

### K3040102

- Single sheave: 2 $\frac{5}{16}$  in. (59 mm)
- Rotating side plates (inline positioning)
- Breaking strength: 6,300 lbs. (28 kN) direct
- Dimension: 4 $\frac{1}{4}$  x 3 $\frac{3}{16}$  in. (119 x 82 mm)
- Rope diameter:  $\frac{5}{16}$  to  $\frac{5}{8}$  in. (8.4 to 16 mm)
- Aluminum alloy
- Standard: EN 12278 (*Mountaineering equipment*)



## DOUBLE PULLEY (ROTATING SIDE PLATES)

Technical short hoist pulley systems for medium loads and personnel.

### K3040112

- Rotating side plates (inline positioning)
- Breaking strength: 5,400 lbs. (24 kN) direct
- Dimension: 5 $\frac{5}{8}$  x 3 $\frac{3}{16}$  in. (144 x 82 mm)
- Rope diameter:  $\frac{5}{16}$  to  $\frac{5}{8}$  in. (8.4 to 16 mm)
- Aluminum alloy
- Standard: EN 12278 (*Mountaineering equipment*)



# tempo III

## temporary horizontal kernmantle lifeline

The tempo III temporary horizontal lifeline was designed to be used by a maximum of three persons. It provides a simple and lightweight solution to temporary horizontal fall-arrest applications. It can be adjusted from 3 to 60 ft. (1 to 18 m).

### BENEFITS

- Kernmantle rope of ½ in. (12.5 mm) which can be adjusted from 3 to 60 ft. (1 to 18 m) between two anchorage points
- Allows safe access to horizontal locations
- Compact, light and easy to carry with storage bag

### FEATURES

- tempo III rope adjuster with integral carabiner
- 60 ft. (18 m) of ½ in. (12.5 mm) Kernmantle rope
- Two 6 ft. (1.8 m) endless slings (V41326)
- One carabiner (PM11Z)
- Three travel O-rings (47700)
- Storage bag (XB0820)

### H66500

- tempo III rope adjuster with integral carabiner



# stanchion

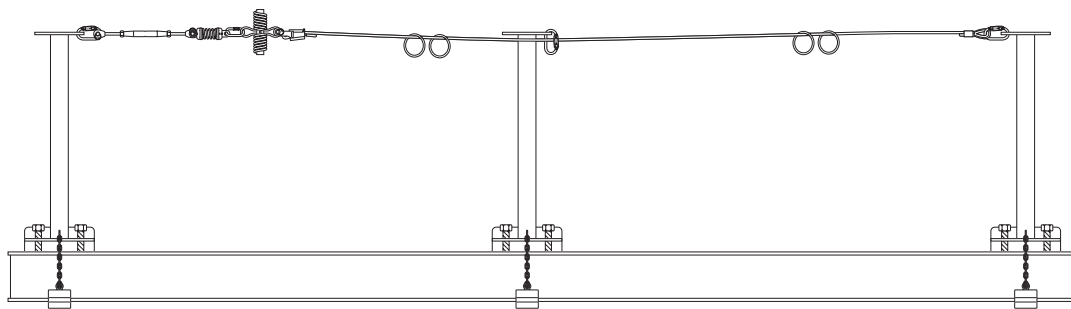
## temporary post

### FEATURES

- Lightweight and portable
- Installs quickly
- Can be used on perimeter of building
- Two-person tie off, up to 60 ft. (18.3 m)
- Mounts at a 19° angle from the base, out of the way of workers walking steel
- Attaches to beam with top mounted bolts and safety chain
- No drilling or welding
- No web straps to deteriorate
- No ratchets to break or threaded rods to lose
- No tie-back cables or loose pieces
- Can be used as intermediate or end stanchion

### H8100

- Single stanchion



### travspring® TEMPORARY KITS FOR STANCHION POSTS (shown)

- Connectors (PM11Z)
- Turnbuckle tensioner
- Tension indicator
- INRS energy absorber
- Wedge socket
- O-rings
- Wire rope

<b>HK-SPG2-60</b>	60 ft. (18 m) system
<b>HK-SPG2-100</b>	100 ft. (30 m) system
<b>HK-SPG2-150</b>	150 ft. (45 m) system
<b>HK-SPG2-200</b>	200 ft. (60 m) system
<b>HK-SPG2-250</b>	250 ft. (75 m) system
<b>HK-SPG2-300</b>	300 ft. (90 m) system

See components' details on page 121.

### travsmart KITS FOR STANCHION POSTS

System for up to two users

- Cable assembly
- One INRS energy absorber
- Tension indicator
- Turnbuckle

<b>HK-SMG2-100</b>	100 ft. (30 m) system with 1 intermediate anchor
<b>HK-SMG2-150</b>	150 ft. (45 m) system with 2 intermediate anchors
<b>HK-SMG2-200</b>	200 ft. (60 m) system with 3 intermediate anchors
<b>HK-SMG2-250</b>	250 ft. (75 m) system with 4 intermediate anchors
<b>HK-SMG2-300</b>	300 ft. (90 m) system with 5 intermediate anchors

See components' details on page 118.

\* travsmart traveler and carabiner available separately.

The number of stanchion posts varies according to length of the system and must be purchased separately.

www.tractel.com



# travsmart

## permanent single-cable horizontal lifeline system

The travsmart single line system provides smooth travel. It allows the traveler to move freely over the intermediate anchors, minimizing wear and eliminating user assistance. The user's hands remain free to accomplish whatever task is required.

The travsmart is a permanent horizontal lifeline system that is easy to install and can allow up to five users. It is a hands free system that does not require special training or tools. The system comes with a visual tension indicator and an in-line energy absorber.

travsmart shall be designed by a qualified person, professional engineer, as part of a complete personal fall arrest system. It can then be installed by any user.

### BENEFITS

- Permanently installed
- The system length is unlimited and can go around corners
- Maximum spacing between anchor points is 50 ft. (15 m)

### FEATURES

- The travsmart traveler ensures smooth hands free travel over anchors and around corners
- The system can be secured to walls, overhead, under an inclined surface, on the ground and on posts
- Comes with a tension indicator and tensioner
- Lightweight components
- Can be used for fall arrest or fall restraint

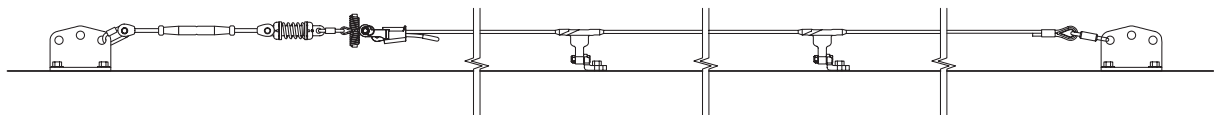
### APPLICATIONS

- Building maintenance (rooftops without guardrails or parapets)
- Aircraft hangers (overhead systems to service the top of the fuselage and wings)
- Bridges and viaducts
- Oil and gas installations
- Distribution facilities
- Overhead cranes
- Industrial plants



### travsmart KITS

- Stainless steel cable assembly
- INRS energy absorber(s)
- Tension indicator
- Turnbuckle
- Two end anchors



#### Up to three users

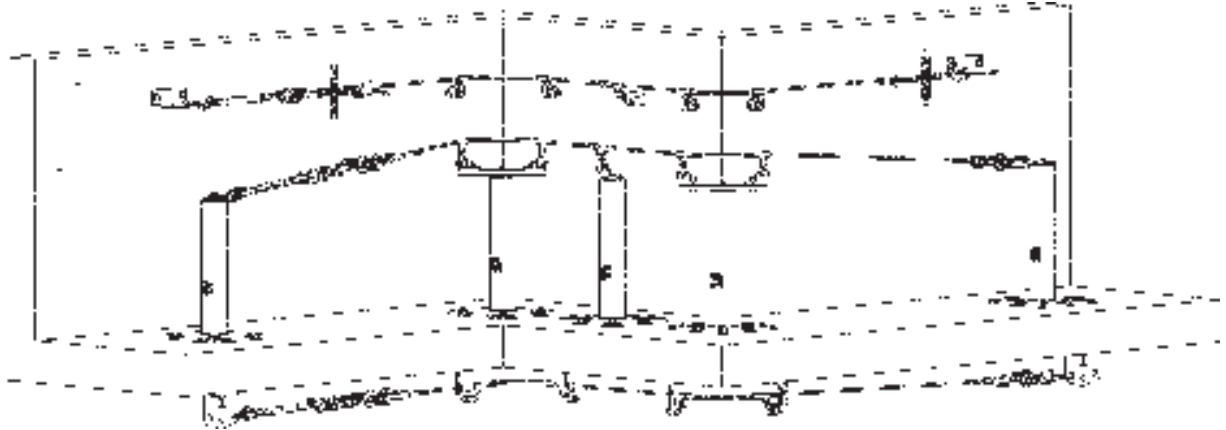
<b>JK-SMSEA3-100</b>	100 ft. (30 m), 1 intermediate anchor
<b>JK-SMSEA3-150</b>	150 ft. (45 m), 2 intermediate anchors
<b>JK-SMSEA3-200</b>	200 ft. (60 m), 3 intermediate anchors
<b>JK-SMSEA3-250</b>	250 ft. (75 m), 4 intermediate anchors
<b>JK-SMSEA3-300</b>	300 ft. (90 m), 5 intermediate anchors

#### Up to five users

<b>JK-SMSEA5-100</b>	100 ft. (30 m), 1 intermediate anchor
<b>JK-SMSEA5-150</b>	150 ft. (45 m), 2 intermediate anchors
<b>JK-SMSEA5-200</b>	200 ft. (60 m), 3 intermediate anchors
<b>JK-SMSEA5-250</b>	250 ft. (75 m), 4 intermediate anchors
<b>JK-SMSEA5-300</b>	300 ft. (90 m), 5 intermediate anchors

# travsmart

permanent horizontal lifeline system



## END ANCHOR

**J30193897**

- Stainless steel
- 6.7 x 5 x 2.2 in. (170 x 126 x 55 mm)



## END ANCHOR FOR POSTS

**J3666698**

- Stainless steel
- 4 in. (100 mm) long
- Two holes for ½ in. (12 mm) fasteners



## TURNBUCKLE

**J3640742**

- Stainless steel



## WEDGE SOCKET

**J30193837**

- Cupro aluminum and stainless steel



## TENSION INDICATOR

**J3666858**

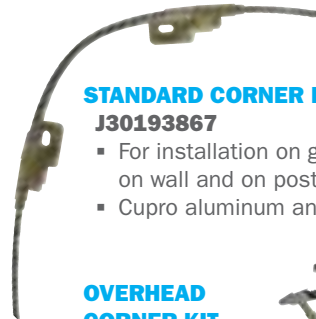
- Stainless steel



## STANDARD CORNER KIT

**J30193867**

- For installation on ground, on wall and on post
- Cupro aluminum and stainless steel



## INRS ENERGY ABSORBER

**J3666688**

- Supplied with quick link
- Stainless steel



## OVERHEAD CORNER KIT

**J30193877**

- For installation underside
- Cupro aluminum and stainless steel



## STANDARD INTERMEDIATE ANCHOR

**J30193847**

- For installation on ground, on wall and on post
- Cupro aluminum and stainless steel



## CORNER PLATE

**J30193887**

- Stainless steel
- 11 in. (280 mm) long
- Three holes for ½ in. (12 mm) fasteners



## UNDER-CEILING INTERMEDIATE ANCHOR

**J30193857**

- For installation underside
- Cupro aluminum and stainless steel



## TRAVELER

**J30251349**

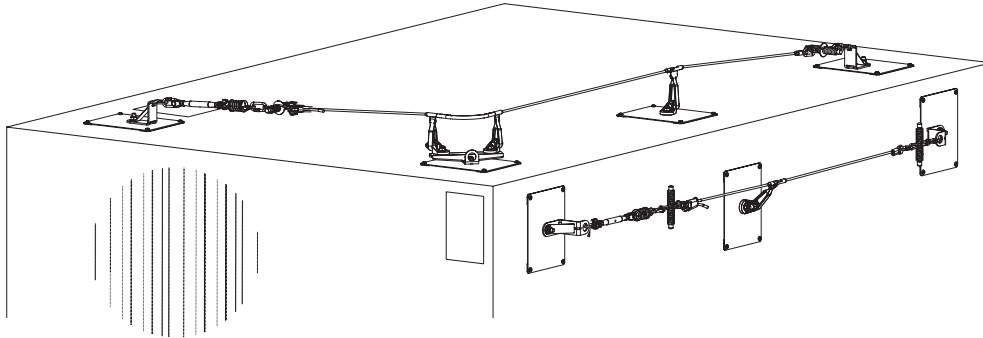
- Opening-type mobile anchor point which slides on the travsmart lifeline cable.



[www.tractel.com](http://www.tractel.com)

# travflex® 2

permanent single-cable HLL system for light rooftop structures



The travflex® 2 is easy to install, service and maintain as there are no special tools required. The travflex® 2 makes working on roofs safe and protects the structure's roof even when a fall occurs.

Simply the safest and easiest horizontal lifeline system you can get for light-roof structures.

## BENEFITS

- Up to three users
- Installation on rooftops and walls
- Ideal for light roof structures. Roof panels do not distort after stopping a fall
- Hands-free design with better ergonomics
- Traveler passes over intermediate and corner anchors with no manual manipulation
- User can work on either side of lifeline
- Eliminates risk of wire-cable clips loosening and slipping
- End and corner anchors have additional anchor points
- No need to dismantle the entire lifeline in the event of a fall, individual components can be replaced

## FEATURES

- The travflex® 2 traveler ensures smooth hands free travel over anchors and around corners
- The system can be secured to flat roofs, sloped roofs and walls
- Comes with a tension indicator and tensioner
- Lightweight components
- Can be used for fall arrest or fall restraint

## APPLICATIONS

- Building maintenance, inspection, repair and service
- Industrial plants
- Lightweight structures
- Flat or sloped surfaces up to 15° inclination (only straight-line installation is available for wall-mount applications)
- Fall arrest or travel restraint

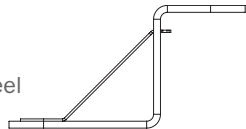
## END ANCHOR

### J30100378

- Galvanized steel

### J30100388

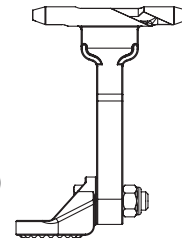
- Stainless steel



## INTERMEDIATE SUPPORT

### J30100398

- One every 50 ft. (15 m) apart
- Aluminum-bronze (anchor) and stainless steel (hardware)



## INRS ENERGY ABSORBER

### J3666688

- Supplied with quick link
- Stainless steel



## CABLE

### J37009000

- 5/16 in. (8.4 mm) diameter
- Galvanized

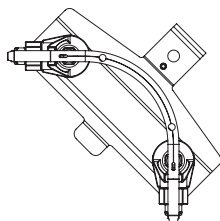
### J37009000S

- 5/16 in. (8.4 mm) diameter
- Stainless steel



## CORNER KITS

- Available in galvanized or stainless steel
- Available for metal roof panel or rigid structures



## TURNBUCKLE

### J3640742

- Stainless steel



## TENSION INDICATOR

### J3666858

- Stainless steel



## WEDGE SOCKET

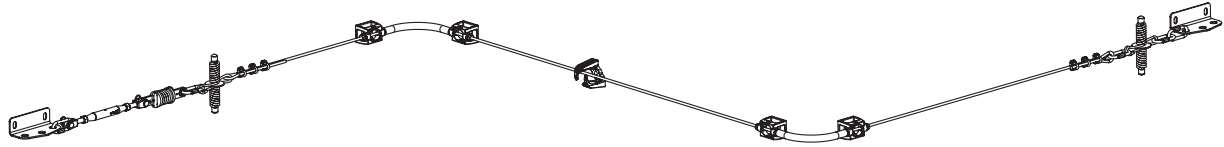
### J30193837

- Cupro aluminum and stainless steel



# travspring®

## horizontal lifeline system



The travspring® horizontal lifeline provides an economical solution for your fall protection needs. All components can be installed using common tools and the system can be used both in a temporary environment or can be installed permanently. The travspring® is a proximity system meaning that the user must manipulate the lanyard to traverse through anchor points.

travspring® shall be designed by a qualified person, professional engineer, as part of a complete personal fall arrest system. It can then be installed by any user.

### FEATURES

- Up to five users
- Intermediate anchors every 50 ft. (15 m)
- Easy to install, no special tools required
- Visible in-line tension indicator
- Single line wire rope available in stainless steel (optional galvanized wire rope)
- Unlimited system length
- Meets all OSHA, ANSI and CSA standards

### APPLICATIONS

- Roof tops without guard rails or high parapets
- Bridges and viaducts
- Overhead cranes
- Construction sites without parapets

### END ANCHOR

#### J3666848

- Stainless steel



### TENSION INDICATOR

#### J3666858

- Stainless steel



### INRS ENERGY ABSORBER

#### J3666888

- Supplied with quick link
- Stainless steel



### TURNBUCKLE

#### J3640742

- Stainless steel



### travspring® KITS

- Connectors (PM11Z)
- Turnbuckle tensioner
- Tension indicator
- INRS energy absorber
- Wedge socket
- O-rings
- Wire rope

<b>JK-SPSEA3-100</b>	100 ft. (30 m), 1 intermediate anchor
<b>JK-SPSEA3-150</b>	150 ft. (45 m), 2 intermediate anchors
<b>JK-SPSEA3-200</b>	200 ft. (60 m), 3 intermediate anchors
<b>JK-SPSEA3-250</b>	250 ft. (75 m), 4 intermediate anchors
<b>JK-SPSEA3-300</b>	300 ft. (90 m), 5 intermediate anchors

*The number of stanchion posts varies according to length of the system and must be purchased separately.*

### INTERMEDIATE SUPPORT

#### J3666868

- One every 50 ft. (15 m) apart
- Stainless steel



### WEDGE SOCKET

#### J30193837

- Cupro aluminum and stainless steel



### CORNER KIT

#### J3666878

- Includes two turning point anchors and a guide tube
- Stainless steel



### PULLEY FOR CORNERS

#### J368948

- Direct the cable from 0° to 160°
- Stainless steel and copper-aluminum/aluminum



### CABLE

#### J37009000

- 1/16 in. (8.4 mm) diameter
- Galvanized

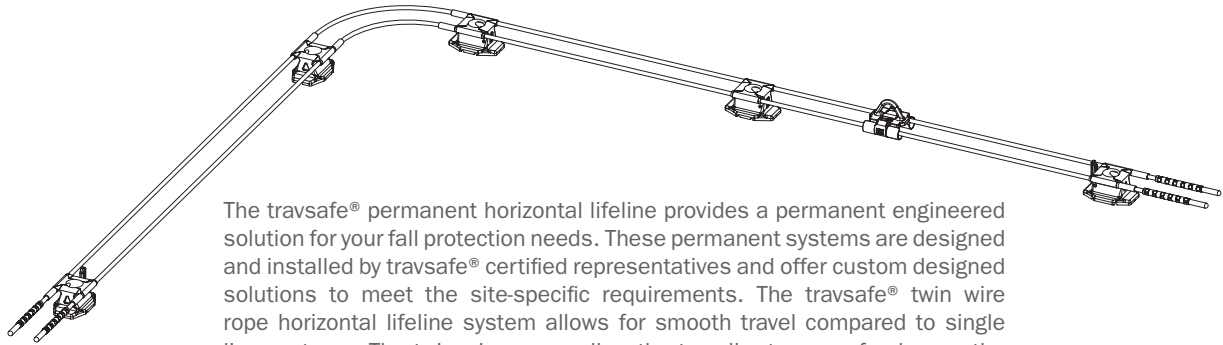
#### J37009000S

- 1/16 in. (8.4 mm) diameter
- Stainless steel



# travsafe®

## permanent horizontal lifeline system



The travsafe® permanent horizontal lifeline provides a permanent engineered solution for your fall protection needs. These permanent systems are designed and installed by travsafe® certified representatives and offer custom designed solutions to meet the site-specific requirements. The travsafe® twin wire rope horizontal lifeline system allows for smooth travel compared to single line systems. The twin wire ropes allow the traveller to move freely over the intermediate anchors, minimizing wear and eliminating user resistance. The user's hands remain free to perform their work task. When properly designed and installed, the system meets all OSHA, ANSI and CSA requirements.

travsafe® is an engineered system that requires design and installation by Tractel® certified installers. It shall be designed, installed and used under the supervision of a qualified person, professional engineer, as part of a complete personal fall arrest system.

### FEATURES

- Up to five users
- Intermediate anchors every 50 ft. (15 m)
- Ease of travel over anchors
- Wire ropes available in stainless or galvanized steel
- Traveller's jaws close tightly around the lines if a fall occurs
- Unlimited system length
- When using the rollsafe traveller can accommodate up to a 50 ft. (15 m) self-retracting lifeline in an overhead application
- Meets all OSHA, ANSI and CSA standards

### APPLICATIONS

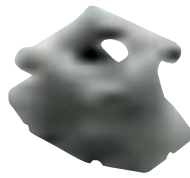
- Roof tops without guardrails or high parapets
- Aircraft hangers to allow airplane service
- Bridges and viaducts
- Overhead cranes
- Catwalks without sides
- Arena rafters



### STAINLESS STEEL ANCHORS



End anchor



Intermediate anchor

### TRAVELLERS

The travellers have minimal moving parts and are made out of stainless steel. They move effortlessly over the anchors and around corners. The regular traveller fits onto the system at the end anchors. The removable traveller can be installed at any point along the system. The rollsafe traveller is used in overhead applications.



Regular



Removable



rollsafe

# tirsafe®

## temporary horizontal lifeline systems



The tirsafe® device adds energy-absorbing technology to any Horizontal Lifeline System (HLL). With the unit's unique features, it allows for quicker and more reliable installations while at the same time provides the industries first fully re-usable HLL energy absorber.

The system is designed to accommodate up to three workers to travel along a 65 ft. (20 m) single span or up to 300 ft. (90 m) multi-spans and reduces line deflection to approximately seven feet.

Upon impact force, the tirsafe® device is simply sent back to an authorized service center, similar to self-retracting lifelines, for repairs and re-certification. The tirsafe® HLL energy absorber is simply the easiest, most reliable and cost-effective system on the market today.

### FEATURES

- Built-in tension indicator
- Impact indicator
- Re-settable by authorized service center
- Three users per single span
- Single spans up to 65 ft. (20 m)
- Multi spans up to 300 ft. (90 m)
- Minimal line deflection
- Lightweight and quick installation
- Sold separately or as complete system



Tension indicator

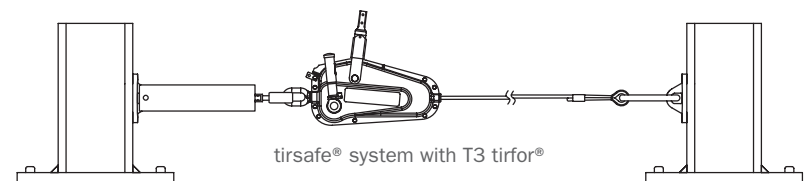


Impact indicator

MODEL	LENGTH	TIRSAFE® UNIT	TURNBUCKLE	T3 TIRFOR®
<b>H088159</b>	Unit only	■		
<b>H365001</b>	65 ft. (20 m)	■	■	
<b>H310001</b>	100 ft. (30 m)	■	■	
<b>H41001</b>	100 ft. (30 m)	■		■
<b>H41501</b>	150 ft. (45 m)	■		■
<b>H42001</b>	200 ft. (60 m)	■		■
<b>H43001</b>	300 ft. (90 m)	■		■

### T3 tirfor®

The T3 tirfor® unit is a continuous locking jaw tensioning device. Used along with the tirsafe® horizontal lifeline system, it provides a fast and easy method for tensioning any horizontal lifeline. The unit is sold separately or as part of a complete tirsafe® system and makes installing and moving horizontal systems quick and effortless.



www.tractel.com

# dynaplug HF 44

## structural anchoring strength measuring tool

The dynaplug is an electronic sensor used for static rupture resistance test of structural anchors and anchoring devices. Used in the testing of anchor points of safety lifelines.

### FEATURES

- Accuracy: <1% of nominal capacity
- Operating temperature from -4 to 140°F (-20 to 60°C)
- Power supply: three 1.5 V "AA" batteries
- Delivered with a set of casings compatible with the most current anchors (Ø10, Ø12, Ø14 and Ø16 mm) and a cover adapted to the Tractel® anchors points. Other casings on request.
- Automatic sequence of 15 seconds test to 1,000 lbs. (500 kg)
- Automatic sequence of 3 minutes test to 2,000 lbs. (1,000 kg)



MODEL	WORKING LOAD LIMIT	WEIGHT
HF 44/2	5,000 lbs. (2,500 kg)	11.5 lbs. (5.2 kg)
HF 44/3	10,000 lbs. (5,000 kg)	25.4 lbs. (11.5 kg)

# dynaline HF 45

## lifeline tension dynamometer

The dynaline HF 45/1/LPT is an electronic apparatus designed to indicate tension on lifeline cables.

### FEATURES

- Accuracy: ±2% of nominal capacity
- Capacity range from 100 to 1,200 lbs. (50 to 600 kg)
- Operating temperature from 23°F to 122°F (-5°C to 50°C)
- Power supply: three 1.5 V "AA" batteries, up to 200 hours
- Protection: IP 65 (NEMA 4)



MODEL	WORKING LOAD LIMIT	WIRE ROPE Ø	MINIMUM DISPLAY	INCREMENT	WEIGHT
HF 45/1/LPT	100-1,200 lbs. (50-600 kg)	5/16-1/2 in. (8.4-12 mm)	100 lbs. (50 kg)	2 lbs. (1 kg)	4.9 lbs. (2.2 kg)

# tie-back anchors



## U-BAR ROOF-MOUNTED ANCHOR

The standard U-bar safety tie-back anchors are the economical solution for securing safety lifelines or equipment lines for fall protection and suspended work.



## WALL-MOUNTED ANCHOR

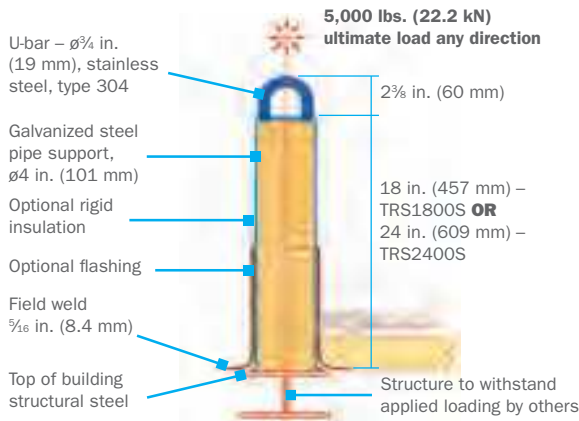
When tie-backs are required on roofs where waterproofing or flashing is not an option, Tractel®'s wall-mounted U-bar tie-back anchors provide a simple, inexpensive solution.



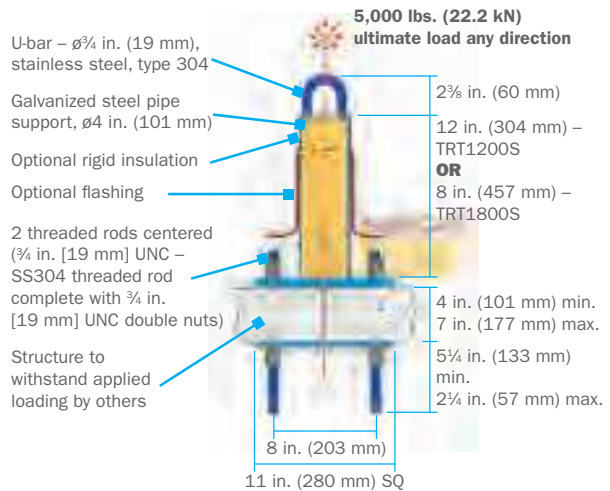
## FLUSH-MOUNTED ROOF ANCHOR

An ideal solution when no protrusions on the roof are permissible.

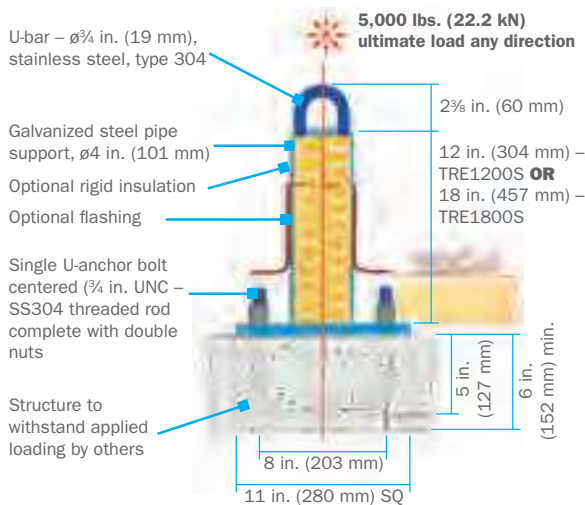
### TRS1800S AND TRS2400S MODELS



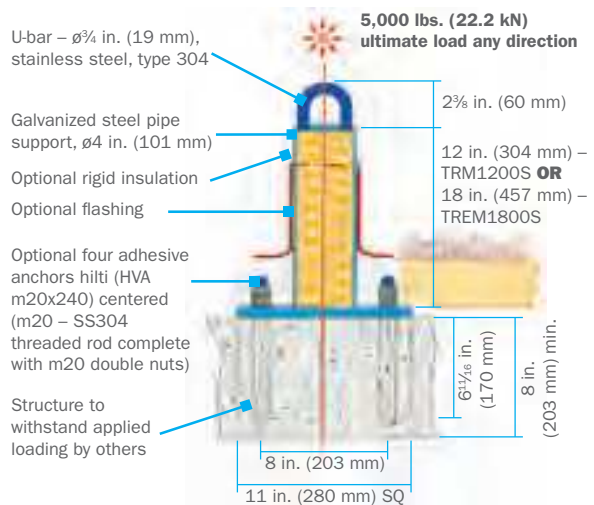
### TRT1200S AND TRT1800S MODELS



### TRE1200S AND TRE1800S MODELS



### TRM1200S AND TRM1800S MODELS



Tie-backs form a system that must be engineered and designed. Different models available. Please contact us for more information.

[www.tractel.com](http://www.tractel.com)



# stopcable®

## ladder safety systems

- Adjustable on most permanent ladders
- No special tools required for installation
- Includes:
  - Wire rope
  - Wire rope adjuster
  - Upper and lower brackets

### stopcable® WITH GALVANIZED STEEL WIRE ROPE

MODEL	LENGTH	WIRE ROPE
L1T820/1	20 ft. (6 m)	3/8 in. (9.5 mm) with LT38E
L1T8600/1	600 ft. (180 m)	3/8 in. (9.5 mm) with LT38E

\* Other lengths available from 20 to 600 ft. (6 to 180 m) in multiples of 10 ft. (3 m).

Note: System does not include ladder.

### stopcable® WITH STAINLESS STEEL WIRE ROPE

MODEL	LENGTH	WIRE ROPE
L1T820S/1	20 ft. (6 m)	3/8 in. (9.5 mm) with LT38E
L1T8600S/1	600 ft. (180 m)	3/8 in. (9.5 mm) with LT38E

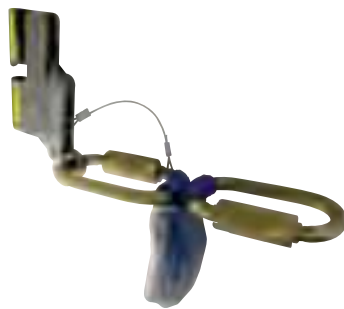
\* Other lengths available from 20 to 600 ft. (6 to 180 m) in multiples of 10 ft. (3 m).

Note: System does not include ladder.

### DETACHABLE TRAVELER FOR stopcable® LADDER SAFETY SYSTEMS

Sold separately from the ladder safety systems.

MODEL	DESCRIPTION
LT38E	Detachable traveler for 3/8 in. (9.5 mm) wire rope with energy absorber



# T-rail 17

portable and non-penetrating guardrails

**EASY INSTALLATION**

**NO DRILLING**

**NO TOOLS NEEDED**

**IDEAL FOR RENTAL APPLICATIONS**

The T-rail 17 is a 42 in. (106 cm) high versatile line of guardrail systems that fits a variety of applications meeting OSHA guidelines for permanent/temporary guardrail without penetrating your roof. In addition, it can be used as a portable system during construction and be moved from one location to another as needed.

Rail sections and gates are available from 3 to 10 ft. (1 to 3 m) long and are secured to cast iron bases allowing any type of shape and length required. Adjustable midrails are available to avoid obstacles in the path of the rail. Rails and gates are sold in kits.

## BENEFITS

- Non penetrating placement
- Low cost installation; three workers can erect over 250 ft. (75 m) in an hour, no tools required
- No extending counterweights required, reducing trip hazards
- Provide a safe work environment—no work stoppages or fines

## FEATURES

- Four port base allows rail sections to be angled in any direction
- Positive locking system secures rails to base
- Bases come standard with EPDM pads on bottom
- Adjustable midrails available when obstacles need to go through rail.
- Working handles are cast into base for easy lifting and positioning
- Stackable bases for easy storage and transport for quick rental requirements
- Rail Transport Cart and mover available to facilitate storage and installation

## APPLICATIONS

- Manhole barricade
- Rail car platforms
- Ramps
- Construction sites
- Dig sites
- Mezzanines
- Assembly and break areas
- Crowd control
- Hoist areas



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# T-rail 17

portable and non-penetrating guardrails

## SKYLIGHT PROTECTION



## FALL PROTECTION FOR RE-ROOFING



## HEIGHT SAFETY AROUND MECHANICALS



## T-rail 17 ACCESSORIES



# kwikstand

## portable warning line system

The KwikStand is a portable warning line system that provides a high-visibility warning to reduce accidents using bright yellow OSHA-rated flags.

### BENEFITS

- Blend of portability, durability and ease-of-use.
- Inexpensive and safe for “designated” work areas
- Handle welded to the stanchion for ease of transporting into position
- Fast and easy setup and take down – ideal for temporary visual warning or hazard demarcation
- Extender feet or stakes available for use in a variety of surfaces

### FEATURES

- Standard tough powder coat finish
- 39 in. (1 m) tall when assembled
- Provides high-visibility warning to reduce accidents using bright yellow OSHA rated flags
- Self-contained design with lanyard clip attached
- Folds for easy transportation
- Each stand weighs 34 lbs. (15.4 kg) – sturdy construction

### APPLICATIONS

- Rooftops
- Manufacturing facilities
- Office buildings
- Construction sites/high-rise construction
- Maintenance contractors
- Warehouses
- Amusement parks
- Airports
- Parking lots

<b>KS-Y</b>	kwikstand – Safety yellow
<b>KSF105</b>	105 ft. (32 m) of flags



# versaclamp and paraclamp

## parapet safety guardrail systems



Tractel® offers two types of parapet safety guardrail systems. The versaclamp is a highly versatile safety guardrail C-Clamp for fall protection that can be used on parapets and concrete slabs. The paraclamp is engineered to eliminate damage to copings or flashings on parapets.

### BENEFITS

- Portable, cost-effective solution for fall protection on parapet lined rooftops
- Fastest install time of any parapet clamp in the market
- Adjustable stanchion for various height parapets
- Rail adaptors are available

### VERSACLAMP FEATURES

Versatile solution for parapet and concrete slabs applications.

- Expands from 2 to 16 in. (5 to 40 cm)
- Simple and fast compression locking system
- Adjustable guardrail post allows it to comply with OSHA guardrail heights from the work surface as it extends up to 42 in. (107 cm) when fully extended
- Install at 8 ft. (2.4 m) increments
- Toe-board brackets are available for deck applications
- Yellow zinc finish

### PARACLAMP FEATURES

Simple solution for parapet applications.

- Available in two sizes able to fit from 1 to 18 in. (2.5 to 45 cm) or 1 to 24 in. (2.5 to 60 cm) parapet widths.
- 42 in. (107 cm) high when fully extended
- Simple and fast compression locking system
- Install at 8 ft. (2.4 m) increments
- Yellow zinc finish

### APPLICATIONS

- Re-roof or new roof applications with parapet
- Construction sites

<b>VC16</b>	16 in. (40 cm) versaclamp
<b>VC22</b>	22 in. (55 cm) versaclamp
<b>PC18</b>	18 in. (45 cm) paraclamp
<b>PC24</b>	24 in. (60 cm) paraclamp
<b>PCTRADP</b>	T-rail 17 rail adapter

\*Wood planks not included.

# self-closing safety gate

The self-closing safety gate automatically closes the gate after each passage and stops without handrail contact.

Determining the proper gate size for your application only requires the measurement of the inside clear opening.

## A36 CARBON STEEL WITH SAFETY YELLOW POWDER COAT

MODEL	FITS CLEAR OPENING	OPENING CLEARANCE	WEIGHT
<b>GGD211824Y</b>	21 in. (53 cm)	18 to 24 in. (45 to 61 cm)	26 lbs. (11.8 kg)
<b>GGD272430Y</b>	27 in. (68 cm)	24 to 30 in. (61 to 76 cm)	28 lbs. (12.7 kg)



# dock gate

The dock gate provides protection against falls from loading docks. Custom gas struts make the vertical gate easy to open, and tapered guides on the receiver post make for easy alignment when closing.

- Gas struts for ease of operation
- Also available in stainless steel by special order
- Meets or exceeds OSHA standards

Determining the proper gate size for your application only requires the measurement of the inside clear opening.

## A36 CARBON STEEL WITH SAFETY YELLOW POWDER COAT

MODEL	FITS CLEAR OPENING	OPENING CLEARANCE	WEIGHT
<b>GD8Y</b>	8 ft. (2.4 m)	12 ft. (3.7 m)	80 lbs. (36.3 kg)
<b>GD10Y</b>	10 ft. (3 m)	15 ft. (4.6 m)	88 lbs. (39.9 kg)



Custom safety gates for wider openings or unusual handrail configurations also available.

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# vertical lift gate

The vertical lift safety gate provides protection in areas that do not have adequate swing clearance. Applications include staircase, ladder and platform openings.

- Available in 4 and 6 ft. (1.2 and 1.8 m) widths, the ideal solution for confined spaces
- Meets or exceeds OSHA standards

Determining the proper gate size for your application only requires the measurement of the inside clear opening.

## A36 CARBON STEEL WITH SAFETY YELLOW POWDER COAT

MODEL	FITS CLEAR OPENING	OPENING CLEARANCE	WEIGHT
GV4Y	4 ft. (1.2 m)	6 ft. (1.8 m)	50 lbs. (22.3 kg)
GV6Y	6 ft. (1.8 m)	8 ft. (2.4 m)	60 lbs. (27.2 kg)



# mezzanine clear height safety gate

The mezzanine clear height safety gate protects employees in elevated mezzanine loading areas with no height restrictions to accommodate tall loads. Its counterbalanced gates ensure that one gate is always between your employees and the leading edge, allowing you to load and unload material while keeping your employees safe.

- Easy to install
- Available in carbon steel in safety yellow powder coat
- Meets or exceeds OSHA, IBC and ANSI standards

Determining the proper gate size for your application only requires the measurement of the inside clear opening.

## A36 CARBON STEEL GALVANIZED

MODEL	FITS CLEAR OPENING	WEIGHT
GMCL64G	64(w) x 42(h) in. (162.6 x 106.7 cm)	190 lbs. (86.2 kg)



Custom safety gates for wider openings or unusual handrail configurations also available.

# engineered solutions

## Tractel<sup>®</sup> services

- Initial site assessment
- Engineering
- Certified system installation
- End user training
- Inspection/  
Re-certification

### OVERHEAD BRIDGE CRANES AND EXPOSED WALKWAYS



### BUILDING ROOF TOPS



### TRUCKS, BUSES AND AIRCRAFT HANGARS



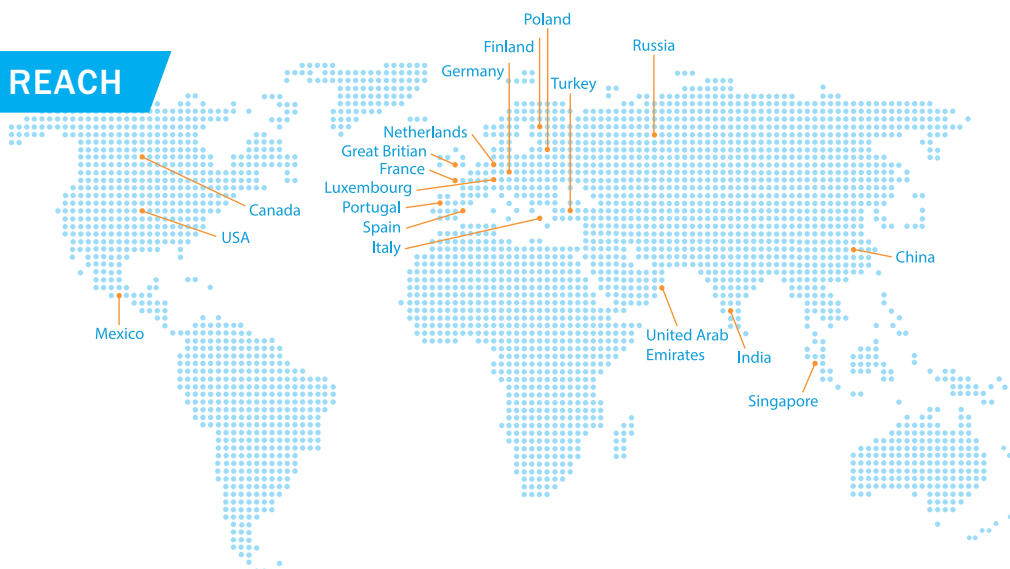
### RAILCARS AND ARENAS



height safety



## GLOBAL REACH



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