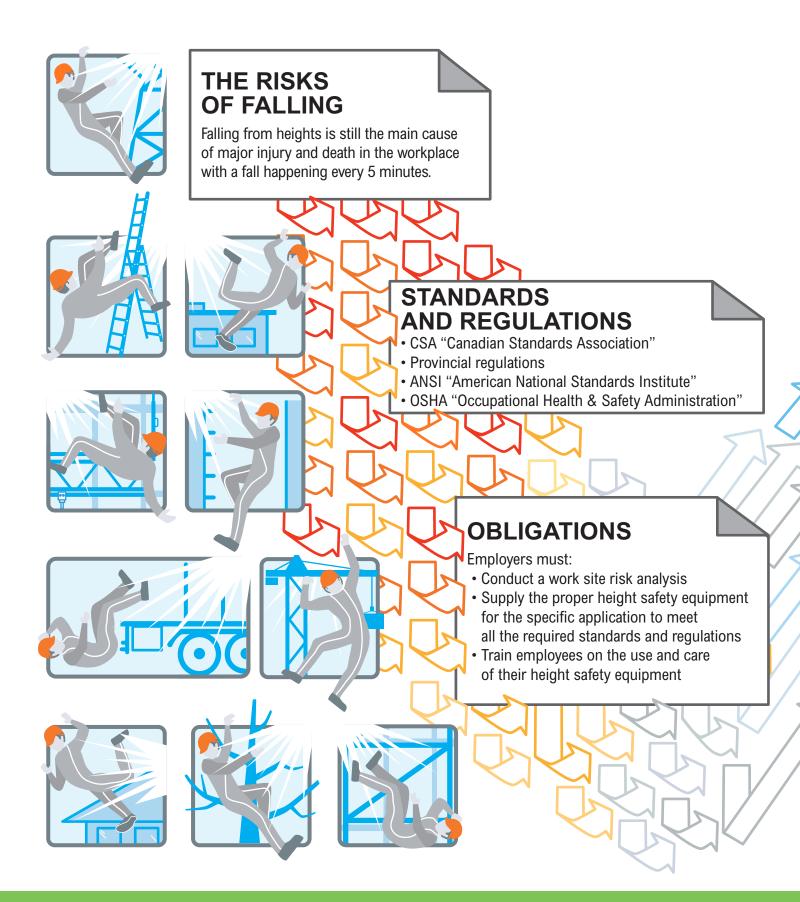
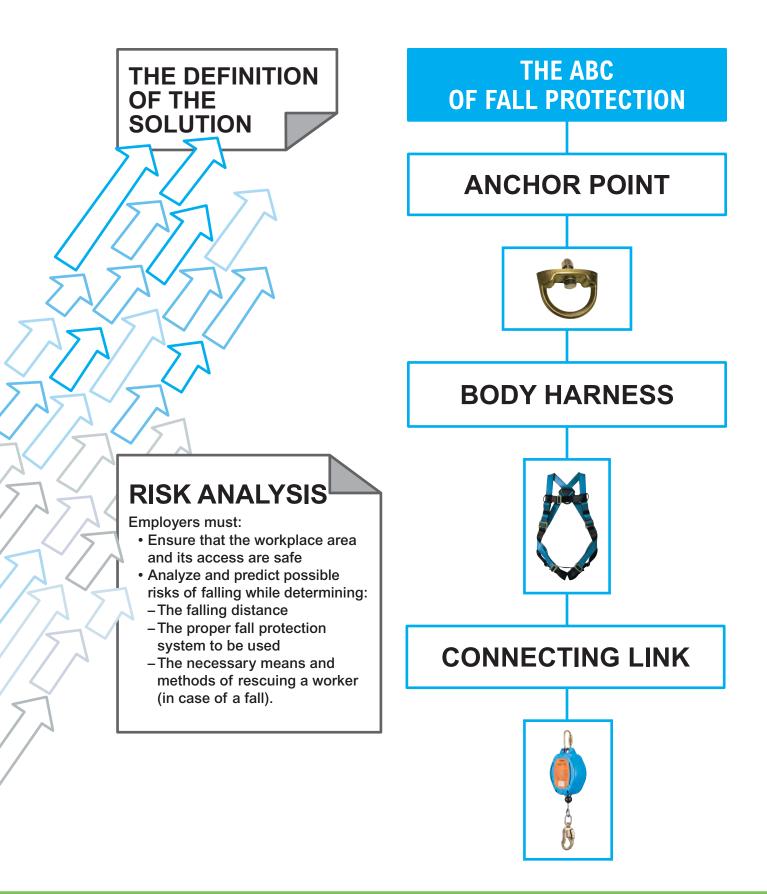


for construction applications

The Tractel®'s approach



The principles of height safety

























TracX harness AU732/X

Fall protection kit KITC-B01K/L

Versafit harness with belt EBD95L

Tower TracX harness FTD13L

Rescue harness FUY119L

Versafit harness AC732

Versafit harness AD714

TracX harness with belt EBD95L/X

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	Α	PPLICATION	ANCHORAGE	HARNESS	CONNECTING LINK
Connectors			Padded sling	TracX harness	TracBloc® 2 self-retracting lanyard
	1	Scaffold erector	V4135 3 ft. (0.9 m)	AU732/X TracX pad provides extra comfort	TRACBLOC2 8 ft. (2.4 m), two arms, ¾ and 2½ in. (20 and 64 mm) self-locking snap hooks
Temporary anchors	2	Elevated platform	Endless sling V41326	Basic fall protection kit KITC-B01K/L or KITC-B01K/S	Phoenix shock-absorbing lanyard C006K/L or C006K/S
		operator	6 ft. (1.8 m) Padded sling	Harness with lanyard Basic fall protection kit	With ¾ in. (20 mm) self-locking snap hooks Derope® controlled descent device
	(3)	Crane operator	V4135 3 ft. (0.9 m)	KITC-B01K/L or KITC-B01K/S Harness with lanyard	KT7300/AK Easy to use, minimum training required
	4	Formwork	Padded sling V4135 3 ft. (0.9 m)	Versafit harness with belt EBD95L Padded back support belt with side-positioning D-rings	Tracpac high-abrasion shock-absorbing lanyard C106H/L or C106H/S With ¾ and 2¼ in. (20 and 57 mm) self-locking snap hooks
	5	Tower erector	Padded sling V4135 3 ft. (0.9 m)	Tower TracX harness FTD13L Seven-point adjustment	Stopfor® B trailing rope grab with lanyard and lifeline D5B02K/1 + GS100NH With anti-reversability provided by gravity pin
			Padded sling	Rescue harness	Stopfor® B trailing rope grab with lanyard and lifeline
	(6)	Linesman	V4135 3 ft. (0.9 m)	FUY119L The safety harness with superior fit	D5B02K/1 + GS100NH With anti-reversability provided by gravity pin
	7	Carpenter	Anchor bar V62217 For door or window up to 43 in. (1.1 m) wide	Versafit harness AC732	Stopfor® B trailing rope grab with lanyard and lifeline D5B02K/1 + GS100NH With anti-group ability armyided by gravity air.
			Tripod	Seven-point adjustment Versafit harness	With anti-reversability provided by gravity pin Blocfor® bi-directional self-retracting lifeline
	8	Sewer technician	T3F7 7 ft. (2.1 m)	AD714 Retrieval & sternal D-rings	T1T50G Can be easily converted to a recovery device
Anchorage points	9	Guard-rail installer	Anchorage D-ring V4232 Clearance hole for ½ in. (12 mm) bolt	Versafit harness AC732 Seven-point adjustment	Blocfor® Leading Edge self-retracting lifeline RT50G/LE 50 ft. (15 m) wire rope with leading edge capacity
	10	Swing stage work	Tie-back anchor TRS1800	Versafit harness AC732	Stopfor® B trailing rope grab with lanyard and lifeline D5B02K/1 + GS100NH
			U-bar roof-mounted anchor Anchorage D-ring	Seven-point adjustment Versafit harness	With anti-reversability provided by gravity pin Blocfor® AES Leading Edge self-retracting lifeline
	11	Mason / Bridge construction	V4232 Clearance hole for ½ in. (12 mm) bolt	AC732 Seven-point adjustment	RA30G/LE 30 ft. (9 m) wire rope with leading edge capacity
	12	Elevator installer	Anchorage D-ring V4232	Versafit harness AC732	ReTrac self-retracting lanyard RY11W
			Clearance hole for ½ in. (12 mm) bolt	Seven-point adjustment Versafit harness	11 ft. (3.3 m), one arm, ¾ in. (20 mm) self-locking snap hook Stopfor® B trailing rope grab with lanyard and lifeline
	13	Water technician	Anchorage D-ring V4232 Clearance hole for ½ in. (12 mm) bolt	AC732 Seven-point adjustment	D5B02K/1 + GS100NH With anti-reversability provided by gravity pin
Temporary systems	14)	Roofer	Tempo III temporary HLL system H66500 With integral carabiner	Versafit harness AC732 Seven-point adjustment	Tracpac high-abrasion shock-absorbing lanyard C103Z/L or C103Z/S 3 ft. (0.9 m), with ¾ in. (20 mm) self-locking snap hooks
	15)	Wood frame work	Roof anchor 428103S Heavy-duty hinged D-ring	Versafit harness with belt EBD95L Padded back support belt	Tracpac high-abrasion shock-absorbing lanyard C106Z/L or C106Z/S 6 ft. (1.8 m), with ¾ in. (20 mm) self-locking snap hooks
			Doom Clide eliding been enchar	with side-positioning D-rings	Tuesda birth abresion about abouting leavend
	16	Steel erector	BeamSlide sliding beam anchor V5002 Fits I-beam from 4 to 14 in. (10 à 35 cm)	TracX harness with belt EBD95L/X With tool belt and side-positioning D-rings	Tracpac high-abrasion shock-absorbing lanyard C106H/L ou C106H/S 6 ft. (1.8 m), with ¾ and 2¼ in. (20 and 57 mm) self-locking snap hooks
Permanent HLL systems	(17)	Formwork	Travsmart permanent HLL system JK-SMSEA3-100	Versafit harness AC732	Blocfor® B20 web self-retracting lifeline RT20WC8
			Single-cable horizontal lifeline system	Seven-point adjustment TracX harness	20 ft. (6 m) webbing with impact-indicating snap hook
	18	Sealer	Travsmart permanent HLL system JK-SMSEA3-100 Single-cable horizontal lifeline system	AU732/X TracX pad provides extra comfort	Blocfor® AES Leading Edge self-retracting lifeline RA30G/LE 30 ft. (9 m) wire rope with leading edge capacity
Ladder systems	19	Water tower maintenance	Stopcable® ladder safety system	Rescue harness FUY119L	Derope® controlled descent device KT7300/AK
		mamonanos	Adjustable on most permanent ladders	The safety harness with superior fit	Easy to use, minimum training required
	20	Wind turbine technician	Stopcable® ladder safety system L1T8300/1 Adjustable on most permanent ladders	Versafit harness AD714 Retrieval & sternal D-rings	Derope® controlled descent device KT7300/AK Easy to use, minimum training required
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ANCHORAGE

ANCHORAGE CONNECTORS



TEMPORARY SYSTEMS



PERMANENT HLL SYSTEMS



LADDER SAFETY SYSTEMS



CONNECTING LINK

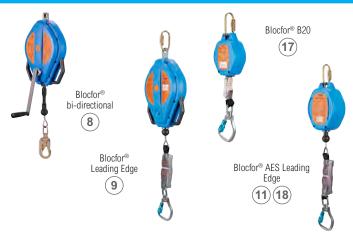
LANYARDS



ROPE GRABS



SELF-RETRACTING LIFELINES



CONTROLLED DECENT DEVICES



HEIGHT SAFETY GUIDE

for construction applications

Choose the proper equipment for the work application

Fall clearance

The fall clearance must be verified before starting to work and buying height safety equipment. It is specific to the available distance of the work area.

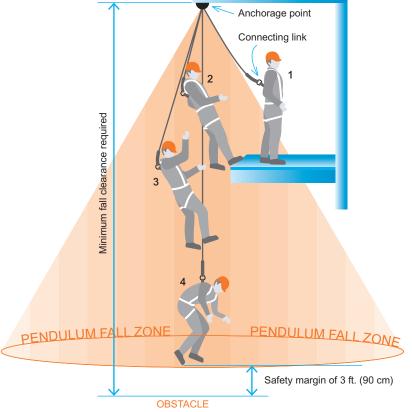
Calculating the necessary fall clearance:

Free fall distance

- + Deployment of energy absorber
- + Displacement of back D-ring
- + Height of worker
- + Safety factor/distance
- = Minimum fall clearance required

The pendulum effect:

It is a regular phenomenon caused by the fall of the worker with an angle distanced from the vertical of the anchor point. Depending on the available space, this effect must be taken into consideration in the complete fall protection solution and the limitation of the work area. All this space below the work area should be free of any obstacle that may cause harm or injury to the worker.



The proper height safety products must be chosen in reference to the work environment, work application and use as described in the products' instruction manuals.

Training on the different height safety products and systems is necessary.



