



**Carbon**  
**FT-One™ Tower**  
**Premium Body Harness**

*Patent Pending*

**F** FALLTECH®



Engineered to meet the specific needs of tower climbers, the Carbon FT-One Tower is the ultimate body harness for those who demand the finest protection and unparalleled comfort.

Premium Body Harness

Carbon FT-One Tower



#### Abrasion-Free Neck Guard

Neoprene lining gently cushions your skin, preventing straps from grinding into your neck.



#### Detachable Bosun Seat

Removing your bosun seat is as simple as a "click." Attach or detach your seat in seconds using two quick-connect buckles.



#### Quick-Access Suspension Relief

Every Carbon FT-One Tower comes with suspension trauma relief packs that may prevent life-threatening secondary injuries while awaiting rescue.



#### Multiple Lanyard Keeper Options

The Carbon FT-One Tower comes with four locations to "park" your lanyards. Choose from pairs along the chest straps or along the waist belt.



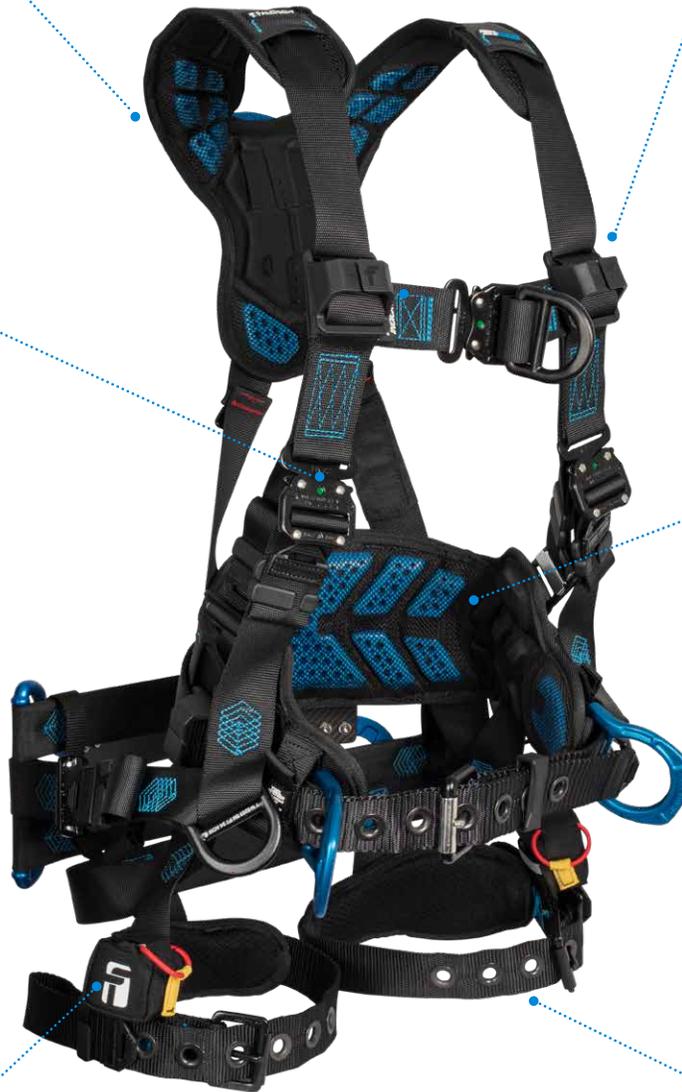
#### Comfort Gel Padding

Gel padding cushions your body while maintaining air flow and dispersing pressure, thus neutralizing fatigue and preserving your performance.



#### Comfort Legs™

In a first for the segment, the Carbon FT-One Tower features lateral leg straps that give climbers max mobility and pinch-free movement.



Front View



The Carbon FT-One Tower features a seamless design that eliminates hot spots, maximizes ergonomics, and alleviates weight to give you all-day comfort.

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Carbon FT-One Tower



### Personal Connector Support

Connect to any personal self-retracting lifeline (SRL-P), quickly and easily without manipulating webbing straps. This design also keeps the dorsal D-ring free for other connections



### ArrowGrip® Plate

An angular dorsal plate is carefully designed to keep your harness's D-ring secure in its proper position even under the weight of Class 2 SRL-Ps.



### Modular Belt System™

A modular belt lacing system lets you custom-configure your tool pouch positions for ease of use, comfort, and efficiency.



### Tool Tether Anchor Points

The waist-belt includes four durable attachment loops for tool tethers. Each tether loop is ANSI /ISEA 121-compliant to carry tools weighing up to 5 pounds.



### Heavy-Duty Waist Belt

The belt stays firmly in position when carrying the heaviest tools.



### Carbon Fiber Seat Chassis

An industry-first leaf-spring-inspired composite chassis delivers a strong, lightweight, and flexible structure for all-day comfort and support.



### MDS™

Our powerful neodymium magnetic deployment system lets you deploy or stow your bosun seat in seconds, single-handedly and with confidence.



Back View



The Carbon FT-One Tower comes with tongue buckle leg closures for easy adjustment to accommodate different leg sizes. This is an ideal option for climbers who have large temperature deltas during their work. This design lets climbers quickly adjust leg strap size when adding or shedding layers.

Premium Body Harness / Carbon FT-One Tower



Tongue Buckle Front View



Tongue Buckle Back View

Performance Specifications

Static Strength	3,600 lbs. Minimum
ANSI User Capacity	One User up to 310 lbs. Max
OSHA User Capacity	Allowable up to 425 lbs. Max

Relevant Standards

ANSI	ANSI Z359.11-2021
OSHA	1910.140, 1926.502

Material Specifications

Webbing	Polyester (5,000 lbs. Min. Strength)
D-Ring	Aluminum Alloy (5,000 lbs. Min. Strength)
Adjusters	Aluminum Alloy (3,372 lbs. Min. Strength)
Quick Connect Buckles	Plated Alloy Steel (3,372 lbs. Min. Strength)
Tongue Buckles	Plated Alloy Steel (3,372 lbs. Min. Strength)

Tower Climber Belted

Part#	Sizes	Leg Closure
8048S	Small	Tongue Buckle
8048M	Medium	
8048L	Large	
8048XL	Extra Large	
80482X	2X Large	



The Carbon FT-One Tower comes with quick connect leg closures for easy connections. This is an ideal option for climbers who want a single fit with minimal adjustment.

Premium Body Harness / Carbon FT-One Tower



Quick Connect Front View



Quick Connect Back View

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Tower Climber Belted

Part#	Sizes	Leg Closure
8048QCS	Small	Quick Connect
8048QCM	Medium	
8048QCL	Large	
8048QCXL	Extra Large	
8048QC2X	2X Large	

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Tools shown not included.

Product description and specifications  
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U.S. and International Patents Pending.

