



Premium Full-Body Harness



The **FT-One Ultra-Lite™** is FallTech's most innovative harness yet—every component having been crafted to achieve the most in lightweight comfort. Weighing two pounds less than the standard-defining FT-One® harness, the Ultra-Lite reduces heat and fatigue while delivering full-strength protection that helps you move freely through long, demanding days.



**01** MINIMAL-CONTACT DESIGN

Contoured straps and perforated, low-contact gel padding minimize bulk and body contact to increase airflow and mobility—so the harness feels lighter, cooler, and less restrictive throughout the workday.



**02** VENTED WEBBING

Engineered for performance, this advanced webbing delivers triple the strength of standard designs while remaining breathable and resilient in demanding environments.



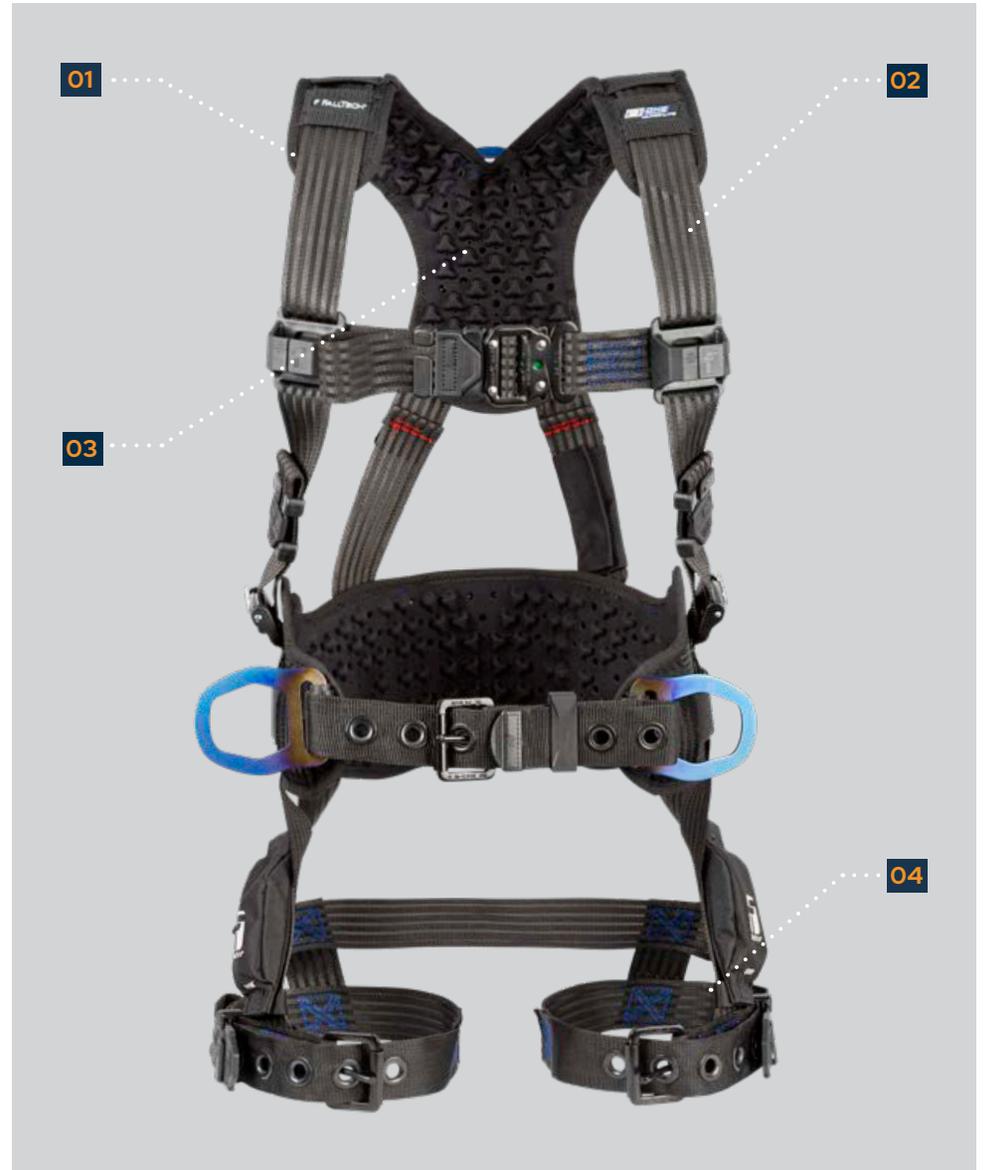
**03** MAGNETIC STRAP CONNECTORS

Low-profile magnetic connectors secure loose adjustment straps, maintaining the Ultra-Lite's clean profile while preserving comfort, mobility, and focus.



**04** COMFORT LEGS® ADVANCED

A step forward in FallTech's patented lateral leg straps, applying the sleek form and seamless feel of Ultra-Lite webbing to reduce mass and heat during movement.





Inspired by aerospace engineering and built for real jobsites, the FT-One Ultra-Lite™ delivers exceptional strength in a harness engineered to feel nearly weightless. Breathable webbing, titanium hardware, and intelligent padding work together to keep crews cooler, more mobile, and focused on the work ahead.



05 TITANIUM D-RINGS

Industry-first titanium D-rings replace heavier metals to deliver exceptional strength, corrosion resistance, and meaningful weight savings that reduce strain over long shifts.



06 ARROWGRIP® D-RING PLATE

A slip-resistant dorsal plate keeps the D-ring properly positioned—even under Class 2 SRL loads—supporting safe, consistent performance without added bulk.



07 AIR-MESH WAIST BELT

A structured yet breathable waist section distributes load efficiently, delivering essential support without trapping heat or adding unnecessary bulk.



08 SUSPENSION TRAUMA PACKS

Slim-profile trauma relief packs help reduce suspension pressure and improve balance during rescue situations—adding safety without compromising the harness's lightweight design.





8131

3D Construction Belted Full-Body Harness w/ Tongue Buckle Leg Closures



Material Specifications	
Webbing	Polyester (5,000 lb. min. strength)
D-Rings	Titanium alloy (5,000 lb. min. strength)
Adjusters	Aluminum and plated alloy steel (3,372 lb. min. strength)
Buckles	Plated alloy steel (3,372 lb. min. strength)

Relevant Standards:	
ANSI	Z359.11-2021
OSHA	1910.140
OSHA	1926.502

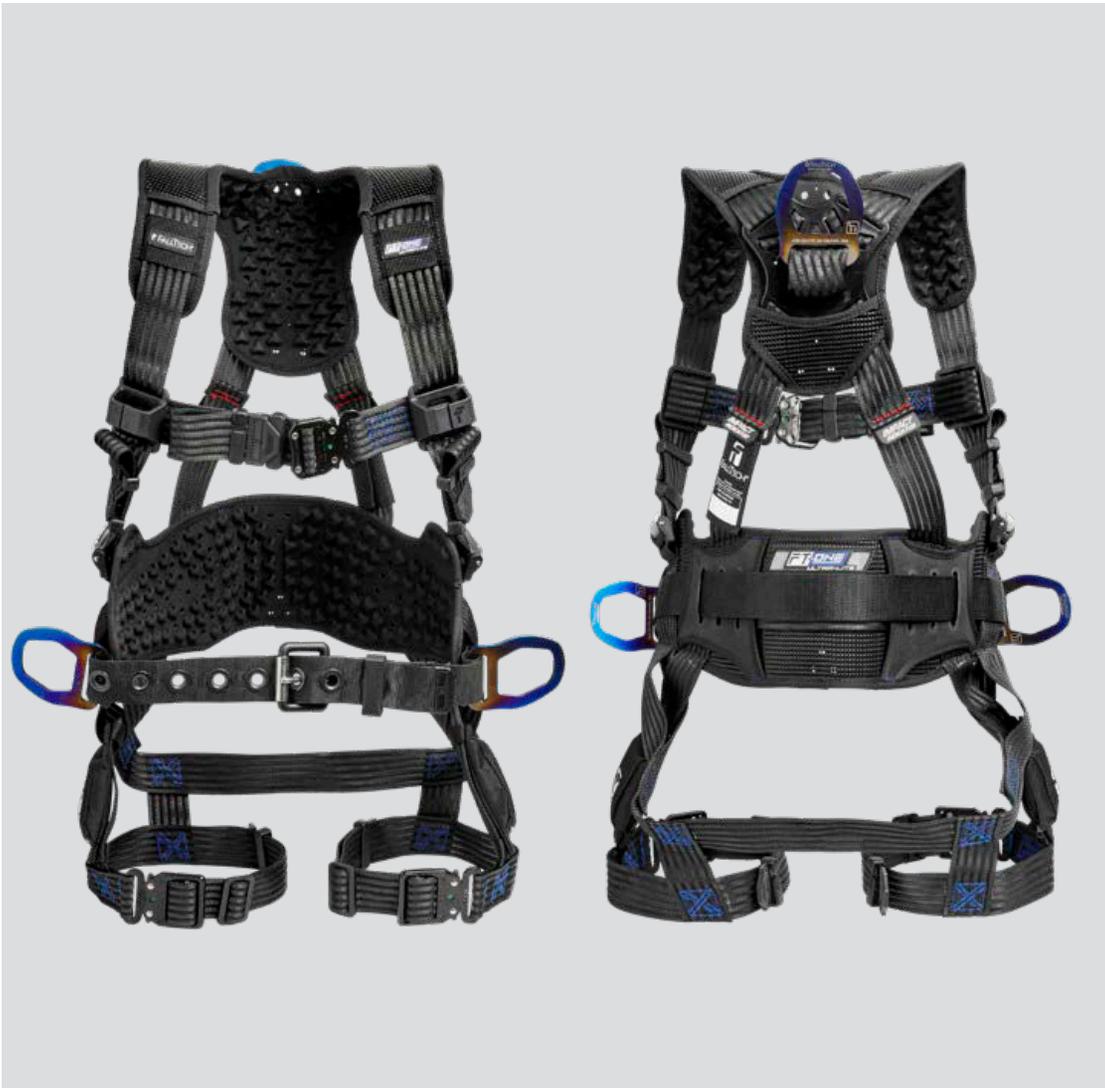
Performance Specifications	
Static Strength	3,600 lbs. min.
ANSI Max User Capacity	One user up to 310 lbs. max
OSHA Max User Capacity	Allowable up to 425 lbs. max

SIZES	
Part #	Size
8131XS	Extra Small
8131S	Small
8131M	Medium
8131L	Large
8131XL	Extra Large
81312X	2X Large



## 8131QC

### 3D Construction Belted Full-Body Harness w/ Quick-Connect Leg Closures



Material Specifications	
Webbing	Polyester (5,000 lb. min. strength)
D-Rings	Titanium alloy (5,000 lb. min. strength)
Adjusters	Aluminum and plated alloy steel (3,372 lb. min. strength)
Buckles	Plated alloy steel (3,372 lb. min. strength)

Relevant Standards:	
ANSI	Z359.11-2021
OSHA	1910.140
OSHA	1926.502

Performance Specifications	
Static Strength	3,600 lbs. min.
ANSI Max User Capacity	One user up to 310 lbs. max
OSHA Max User Capacity	Allowable up to 425 lbs. max

SIZES	
Part #	Size
8131QCXS	Extra Small
8131QCS	Small
8131QCM	Medium
8131QCL	Large
8131QCXL	Extra Large
8131QC2X	2X Large



8132

1D Standard Non-Belted Full-Body Harness w/ Tongue Buckle Leg Closures



Material Specifications	
Webbing	Polyester (5,000 lb. min. strength)
D-Rings	Titanium alloy (5,000 lb. min. strength)
Adjusters	Aluminum and plated alloy steel (3,372 lb. min. strength)
Buckles	Plated alloy steel (3,372 lb. min. strength)

Relevant Standards:	
ANSI	Z359.11-2021
OSHA	1910.140
OSHA	1926.502

Performance Specifications	
Static Strength	3,600 lbs. min.
ANSI Max User Capacity	One user up to 310 lbs. max
OSHA Max User Capacity	Allowable up to 425 lbs. max

SIZES	
Part #	Size
8132XS	Extra Small
8132S	Small
8132M	Medium
8132L	Large
8132XL	Extra Large
81322X	2X Large



**8132QC**  
 1D Standard Non-Belted Full-Body Harness w/ Quick-Connect Leg Closures



Material Specifications	
Webbing	Polyester (5,000 lb. min. strength)
D-Rings	Titanium alloy (5,000 lb. min. strength)
Adjusters	Aluminum and plated alloy steel (3,372 lb. min. strength)
Buckles	Plated alloy steel (3,372 lb. min. strength)

Relevant Standards:	
ANSI	Z359.11-2021
OSHA	1910.140
OSHA	1926.502

Performance Specifications	
Static Strength	3,600 lbs. min.
ANSI Max User Capacity	One user up to 310 lbs. max
OSHA Max User Capacity	Allowable up to 425 lbs. max

SIZES	
Part #	Size
8132QCXS	Extra Small
8132QCS	Small
8132QCM	Medium
8132QCL	Large
8132QCXL	Extra Large
8132QC2X	2X Large



## 81323D

### 3D Standard Non-Belted Full-Body Harness w/ Tongue Buckle Leg Closures



Material Specifications	
Webbing	Polyester (5,000 lb. min. strength)
D-Rings	Titanium alloy (5,000 lb. min. strength)
Adjusters	Aluminum and plated alloy steel (3,372 lb. min. strength)
Buckles	Plated alloy steel (3,372 lb. min. strength)

Relevant Standards:	
ANSI	Z359.11-2021
OSHA	1910.140
OSHA	1926.502

Performance Specifications	
Static Strength	3,600 lbs. min.
ANSI Max User Capacity	One user up to 310 lbs. max
OSHA Max User Capacity	Allowable up to 425 lbs. max

SIZES	
Part #	Size
81323DXS	Extra Small
81323DS	Small
81323DM	Medium
81323DL	Large
81323DXL	Extra Large
81323D2X	2X Large



## 81323DQC

### 3D Standard Non-Belted Full-Body Harness w/ Quick-Connect Leg Closures



Material Specifications	
Webbing	Polyester (5,000 lb. min. strength)
D-Rings	Titanium alloy (5,000 lb. min. strength)
Adjusters	Aluminum and plated alloy steel (3,372 lb. min. strength)
Buckles	Plated alloy steel (3,372 lb. min. strength)

Relevant Standards:	
ANSI	Z359.11-2021
OSHA	1910.140
OSHA	1926.502

Performance Specifications	
Static Strength	3,600 lbs. min.
ANSI Max User Capacity	One user up to 310 lbs. max
OSHA Max User Capacity	Allowable up to 425 lbs. max

SIZES	
Part #	Size
81323DQCXS	Extra Small
81323DQCS	Small
81323DQCM	Medium
81323DQCL	Large
81323DQCXL	Extra Large
81323DQC2X	2X Large

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©2026 Alexander Andrew, Inc.  
1306 S. Alameda St.  
Compton, CA 90221-4803

Tel / 323.752.0066

Fax / 323.752.5613

Tools shown not included.

Product description and specifications  
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