



# B7-COMFORT

## Tower Climbing Harness

Designed for Tower Climbers and those who work at height for extended periods, the B7-Comfort Tower Climbing Harness is the ideal body wear solution. With the unique integrated hip O-Ring design, a robust sub-pelvic strap and a replaceable aluminum-based adjustable seat sling, the B7-Comfort Tower Climbing Harness was engineered for superior mobility, climbability and comfort when working at height all day.

With countless innovations built around comfort and mobility, the B7-Comfort Tower Climbing Harness is the perfect choice for Tower Climbers. Time to raise your expectations.

Towering Comfort. Total Mobility.



### AWARD WINNING DESIGN

The B7-Comfort Tower Climbing Harness has been honored with two top industry awards - the 2024 Pro Tool Innovation Award for Safety-Tethering & Fall Protection; and Occupational Health & Safety's 2024 New Product of the Year Award for Fall Protection: Harness/Lanyards.

**HEIGHT SAFETY.  
SIMPLIFIED.**

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## Tower Climbing Harness



Patent pending adjustable shoulder pad

Chest pad label covers

twICEme® Safety technology

Auto-resetting and adjustable lanyard keepers

Patent pending adjustable waist pad

Aircraft grade aluminum hardware

Patent pending DiaLock torso adjusters

Red alert stitching

Three-Six-O chassis

Tool tether anchor attachments

Comfort leg pads

Lightweight aluminum-base seat

### Key features & benefits



**Patent pending adjustable padding**  
Allows the user to tailor the harness for a more secure and comfortable fit



**Custom aircraft grade aluminum hardware**  
Lightweight and durable for long-lasting use on the toughest jobs



**Patent pending DiaLock double-locking torso adjusters**  
Easy, seamless, and precise adjustment method allows for quick and smooth adjustment that won't creep throughout the day



**Integrated twICEme® safety technology**  
NFC-based safety chip that allows for quick and easy access of user's health and safety information in the event of an emergency



**Three-Six-O harness chassis**  
The B7-Comfort Tower Climbing Harness unique O-Ring design allows the torso and legs to move independently of each other for unrivaled and unrestricted movement and mobility



**Auto-resetting and adjustable lanyard keepers**  
Made from a durable thermoplastic for impact resistance and flexibility



**Red alert stitching**  
Red stitching on the inside of the harness to aid in proper donning and provide a visual warning if webbing is twisted



**Chest pad label covers**  
An added layer of comfort that keeps labels protected and legible

### Declaration of conformity

This product has been tested in an ISO 17025 accredited laboratory in accordance with all requirements specified by **ANSI Z359.7**

This product is compliant with the following safety regulations and consensus standard:  
**OSHA 1910.140 & 1926.502 | ANSI Z359.11 | CSA Z259.10**

For more information:

**+1 (800) 466 6385**

**customer.service@guardianfall.com**



Designed, Tested and Assembled in United States

# B7-COMFORT

## Tower Climbing Harness



EZ D-Ring stand up dorsal D-Ring

Patented personal SRL adapter

Reflective edging

Impact indicators

Wear-indicating and water-repellant webbing

Aircraft grade aluminum hardware

Adjustable tool bag attachment system

Extra wide sub-pelvic support

Patent pending integral suspension trauma relief straps

Lightweight aluminum-base seat



### Key features & benefits



#### EZ D-Ring stand up dorsal D-ring

Stand up, aluminum dorsal D-ring allows for easy access at all times. Designed with a slight bend to mitigate engagement with the user's head



#### Patent pending integral trauma straps

Suspension trauma relief straps built into leg pads for convenient access and a streamlined design



#### Durable, supportive & comfortable padding

Soft and breathable open-cell foam and spacer mesh lend to a comfortable, breathable and lightweight feel. Military-grade rip stop and a chemical, UV and tear-resistant rubber provide ultimate protection and durability



#### Wear-indicating and water-repellant webbing

Red inner core aids during inspection and water-repellant coating improve sweat and water resistance



#### Adjustable tool bag attachment system

Allows the user to adjust the distance between belt supports to snugly fit a tool bag from 4" to 10"\* (10.16 cm to 25.4 cm\*) on their hip



#### Lightweight aluminum-base seat

Durable and supportive while mitigating worker fatigue



#### Reflective edging

Provides improved worker visibility at night or in low-light environments



#### Adjustable, removeable and replaceable seat sling

Side release buckles and harness connection buckles allow for complete adjustability, and replacement of seat sling without compromising the harness.

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### Patent pending adjustable padding

Guardian's patent pending adjustable padding is the first of its kind on a fall protection harness. The adjustable padding allows the user to truly tailor the fit of their harness for maximum comfort and work efficiency.

To adjust the padding, disengage the hook and loop, adjust to desired length and press firmly to re-engage the hook and loop, securing the wings to the base.



### Adjustable tool bag attachment system

The adjustable waist pad also creates the B7-Comfort Tower Climbing Harness Adjustable Tool Bag Attachment System which allows the snug attachment of tool bags from 4"-10"\* (10.16 cm to 25.4 cm\*)



\*Waist pad adjustability dependent on harness size. XS = +1" (2.54) per side; SM=+2" (5.08 cm) per side; M=+4" (10.16 cm) per side; LG-XXL=+6" (15.24 cm) per side."

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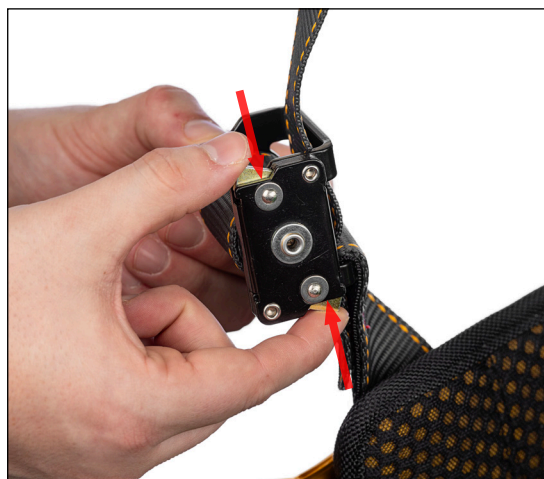
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## Tower Climbing Harness



### Patent pending DiaLock torso adjusters

Offer an easy, quick, and precise adjustment method. Simply turn the knob up to tighten. The DiaLock adjusters are the most refined adjuster in its class, with 35% finer adjustment than the leading competitive adjuster of its type. The DiaLock also features a double locking mechanism to safely secure the webbing once adjusted and mitigates webbing creep throughout the day. The DiaLock adjuster – dial in comfort, then lock it in.

To tighten the DiaLock adjusters, simply turn the knurled knob in an upward direction.

To loosen the the DiaLock adjusters, you must engage and press both unlock buttons on the corner of the adjuster frame. Once both buttons are engaged together, webbing will release and adjust out.

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## Tower Climbing Harness



### Three-Six-O harness chassis design

The B7-Comfort Tower Climbing Harness unique Three-Six-O harness chassis design keeps the harness fully integrated while allowing the torso and sub-pelvic and legs to move independent of each other. This lends to a full range of unrestricted movement of the hip joint for unrivaled mobility around the job site.



Unique O-Ring chassis design



Full range of unrestricted movement

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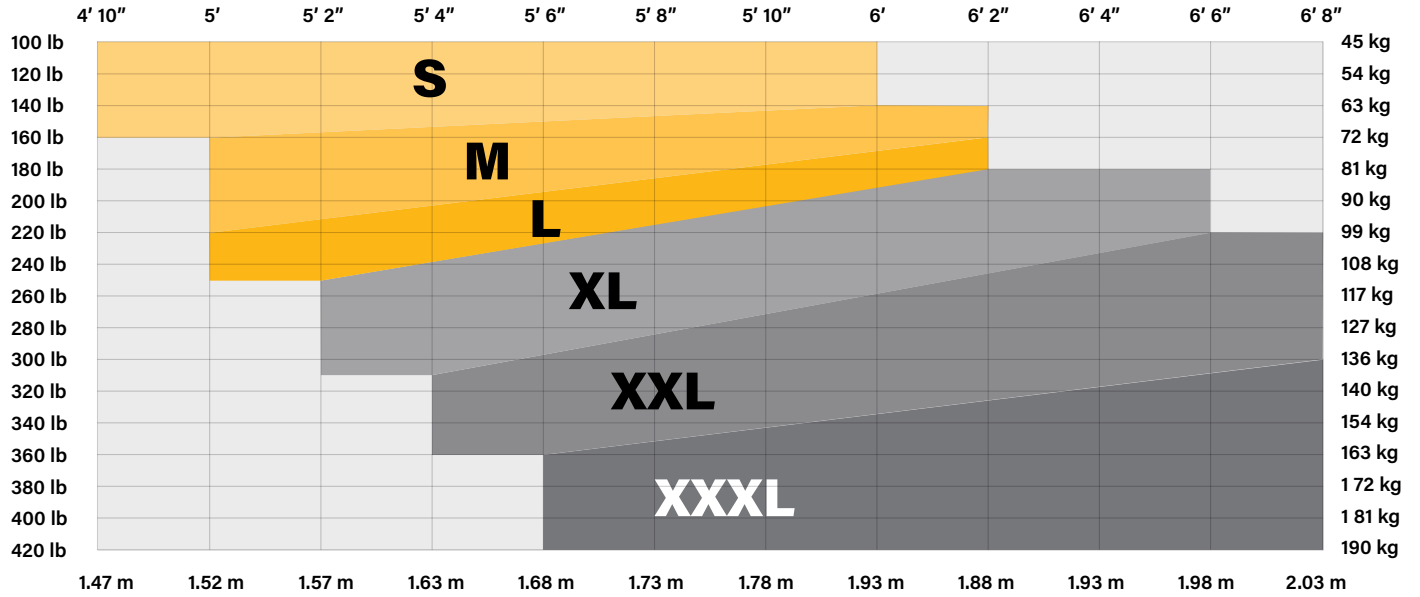
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## Tower Climbing Harness



### Sizing guide



Description	Chest Buckle/ Leg Buckle	Part Numbers / Size					
		XS	S	M	L	XL	XXL
B7-Comfort Tower Climbing Harness, Waist Pad, Seat, Sternal & Hip D-Rings	QC / QC	3740700	3740701	3740702	3740703	3740704	3740705

QC: Quick-Connect \*TB: Tongue-buckle on waist pad

### Buckle types



Quick-Connect



Tongue-Buckle\*

### Specifications

#### User weight range

(including all clothing, tools, and equipment)

**OSHA** | 100-420 lbs (45-190 kg)

**ANSI** | 130-310 lbs (58.96-140.613 kg)

**Materials** | Polyester, nylon, rubber, zinc & EDC-coated steel, stainless steel, anodized aluminum

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