

# Miller AirCore™ Tower Harness

## Description

The new Miller AirCore™ Tower Climbing harness provides the ultimate in performance, comfort and durability – exceeding expectations when used in even the most challenging climbing environments! This new line of AirCore harnesses keeps your workers comfortable and safe – increasing productivity. It's designed for workers climbing cell phone, TV, radio and utility towers, while building/decommissioning towers, changing out transmission lines/antennas, or installing/replacing lights.

## Materials

- Webbing (DuraFlex®):** Stretchable Polyester (green or blue)
- Cam Buckle:** Anodized black aluminum
- Elastic Keepers:** Elastic
- Thread:** 6-cord, bonded 3-strand or polyester thread [Min. tensile strength of 42 lbs (0.19kN)]
- Grommets:** Stainless steel
- \*Hardware:** Clear chromate, finished carbon steel OR clear anodized, forged aluminum alloy, depending on model

### Back, Belt, Leg and

- Shoulder Pads:** Nylon, polyester, polyurethane, polypro
- Back Mesh Shield:** Polyester mesh
- Label Pack:** Evoprene, nylon
- Labels:** Valeron®
- Size Labels:** Hop-Syn® XT
- Bos'n Chair:** Leather, polyethylene, aluminum, polyester
- Tool Loops:** Polyester, PVC

\*All hardware meets ASTM (50) fifty-hour salt spray.

Valeron® is a registered trademark of Valéron Strength Films.  
Hop-Syn® XT is a registered trademark of Hop Industries Corporation.

## Technical

- Max. Capacity:** 400 lbs (181.4 kg)
- Minimum Tensile Strength:**
  - Webbing:** 5,000 lbs (22kN)
  - \*D-Ring:** 5,000 lbs (22kN)
  - \*Buckles:** 4,000 lbs (18kN)

## Compliance

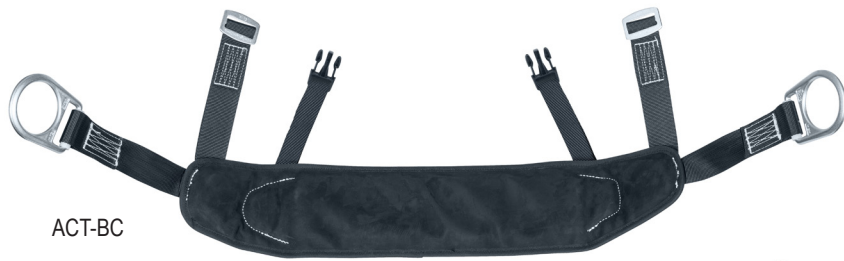
Harnesses meet OSHA 1926.502, ANSI Z359.1, ANSI A10.32 and CSA Z259.10-12 requirements.



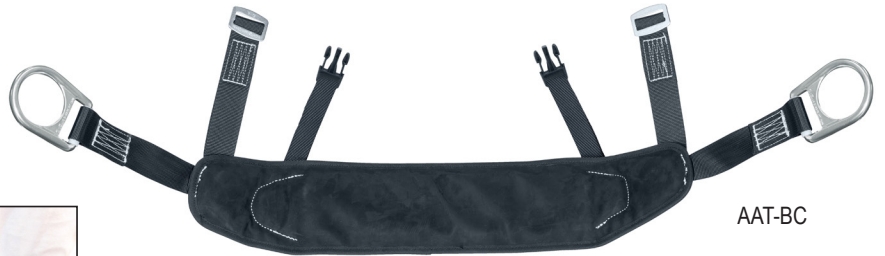
| Miller AirCore™ Tower Harnesses* |             |              |                     |                     |                      |             |            |                 |
|----------------------------------|-------------|--------------|---------------------|---------------------|----------------------|-------------|------------|-----------------|
| Model Number                     | Back D-Ring | Front D-Ring | Chest Strap Buckle  | Leg Strap Buckles   | Belt with Lumbar Pad | Bos'n Chair | Tool Loops | Weight          |
| ACT-QCUG                         | Yes (Steel) | Yes (Steel)  | Steel Quick Connect | Steel Quick Connect | Yes                  | No          | Yes        | 6.6 lbs (3.0kg) |
| ACT-QCBCUG                       | Yes (Steel) | Yes (Steel)  | Steel Quick Connect | Steel Quick Connect | Yes                  | Yes (Steel) | Yes        | 9.8 lbs (4.5kg) |
| AAT-QCUG                         | Yes (Alum.) | Yes (Alum.)  | Alum. Quick Connect | Alum. Quick Connect | Yes                  | No          | Yes        | 5.9 lbs (2.7kg) |
| AAT-QCBCUG                       | Yes (Alum.) | Yes (Alum.)  | Alum. Quick Connect | Alum. Quick Connect | Yes                  | Yes (Alum.) | Yes        | 8.8 lbs (4.0kg) |

\*All Miller AirCore Tower Harnesses also include: cam buckle shoulder strap adjustment, two pull-free lanyard keepers, elastic webbing keepers, and mating buckle connectors for attachment of a Bos'n chair. Model numbers listed are for universal size in green webbing. Harnesses are also available in small/medium (SM) or XXL/XXXL (23X) by replacing the "U" in the model number with "SM" or "23X". To order blue webbing, replace the "G" at the end of the model number with a "B".

# Miller AirCore™ Tower Harness Accessories



ACT-BC



AAT-BC

Tool Loops  
(shown attached to harness belt)



## Miller AirCore™ Tower Harness Accessories

| Model Number | Description  | Weight          |
|--------------|--|-----------------|
| ACT-BC*      | Bos'n Chair with steel hardware for attachment to harness    | 3.2 lbs (1.5kg) |
| AAT-BC*      | Bos'n Chair with aluminum hardware for attachment to harness | 2.9 lbs (1.3kg) |
| ACTL10       | Tool Loops for attachment to harness belt, package of 10     | 0.5 lbs (0.2kg) |

\*The Bos'n chair is replaceable. Harnesses are available with or without the Bos'n chair; refer to the harness table on page 1. Above model numbers are provided for replacement orders.



by Honeywell

Toll Free 800.873.5242 (press 4) • [hsptechsupport@honeywell.com](mailto:hsptechsupport@honeywell.com) • [www.millerfallprotection.com](http://www.millerfallprotection.com)

**⚠ WARNING!** THIS DOCUMENT PROVIDES AN OVERVIEW OF FALL PROTECTION PRODUCTS AVAILABLE FROM HONEYWELL AND CARE HAS BEEN TAKEN TO ASSURE THE ACCURACY OF THE DATA. IT DOES NOT PROVIDE IMPORTANT PRODUCT WARNINGS AND INSTRUCTIONS. HONEYWELL RECOMMENDS ALL USERS OF FALL PROTECTION EQUIPMENT UNDERGO THOROUGH TRAINING, AND THAT ALL WARNINGS AND INSTRUCTIONS PROVIDED WITH THE PRODUCTS BE THOROUGHLY READ AND UNDERSTOOD PRIOR TO EACH USE. FAILURE TO READ AND FOLLOW ALL PRODUCT WARNINGS AND INSTRUCTIONS COULD RESULT IN SERIOUS INJURY OR DEATH.