



NEW!

Miller AirCore™ Harness

Comfort in the Air

Comfort • Easy Adjustability • Lightweight • Stylish Design

Frequently Asked Questions

Q1: Why develop the NEW AirCore line of Miller harnesses?

A1: For several years, we have monitored customer feedback relating to full body harness comfort and mobility. Although comfort is a subjective term, after multiple Voice of Customer interviews, customers began to define their true needs for comfort. Six important characteristics continuously made it to the top of the list:

1. "Keep me cool!" harness webbing and padding cannot make me overheat.
2. Ergonomic supports where I need it.
 - a. Shoulders for when I carry equipment and to ease the strain from my tool pouches.
 - b. Lumbar for when I am work positioning.
 - c. Legs for when I am suspended.
 - d. Tool belt needs to support tool bag weight without falling off the harness.
3. Non-binding and non-chafing shoulder, lumbar and leg straps.
4. Lightweight relative to other similar harnesses on the market.
5. Easy to don and adjust so that the harness can be worn correctly.
6. Visible colors so that workers can be seen when working at heights.

Based on this customer feedback, we embarked on a project to seek answers for the above needs. When researching new harness designs and new technologies in padding and materials, we saw an opportunity to create a unique and innovative fall protection harness that would cater to the above customer needs.

The Miller AirCore™ full-body harness is designed with comfort in mind.

- Lightweight, breathable, open-core padding technology (patent-pending) that provides optimal air flow, while reducing heat and moisture entrapment, keeping a worker drier and cooler.
- The patented Miller DuraFlex® stretchable webbing provides greater mobility and increased comfort.
- The unique cam buckles on the shoulder straps make vertical webbing adjustment the easiest of any harness on the market.
- Ergonomic harness design with contoured padding reduces chafing at the neck, lumbar and legs.

Q2: What are the key unique and innovative features and benefits of the Miller AirCore Harness?
A2: The Miller AirCore Harness combines comfort, ease of adjustment, lightweight and style into one innovative harness design.

COMFORT

- Unique breathable, open-core padding technology (patent pending) provides optimal airflow and reduces heat and moisture build-up; up to 16% less surface area than other padding used on the market
- Contoured ergonomic padding design minimizes contact around a worker's neck, lower back and inner thighs to reduce chafing and irritation
- Patented DuraFlex stretchable webbing also provides greater flexibility

EASY ADJUSTABILITY

- Cam buckles provide easy one hand adjustment; holds webbing firmly in place with no readjusting required
- Stand-up back D-ring easily adjusts, simplifies attachment
- Quick-connect buckles for easy donning

LIGHTWEIGHT

- Materials and components selected to reduce fatigue for all day endurance and increased productivity; up to 10% lighter than similar competitive harnesses

STYLISH DESIGN

- High visibility color for greater safety
- Unique and vibrant patterned webbing for easy identification
- Padding shaped to maximize comfort and minimize weight

Q3: What are the main features of the padding on the AirCore Harness?

A3:

- Breathable, Open-Core Padding Technology (patent pending)
 - Optimal airflow / circulation
 - Engineered to increase airflow through and around padding
 - Will not absorb water or perspiration – hydrophobic structure
 - 97% open cell foam enables breathability and allows water and perspiration to evaporate
- Strategically designed and placed padding
 - Constructed to greatly reduce heat and moisture entrapment keeping a worker drier and cooler
 - Contoured design minimizes contact around the neck, lower back and inner thighs reducing chafing and irritation
- Lightweight
- Excellent cushioning and rebound 'memory' characteristics

Q4: Is the padding removable?

A4: There is no need for our padding to be removable since it is easy to clean, dries quickly and does not retain moisture.

Q5: How should the shoulder, lumbar or leg padding be cleaned?

A5: The padding is able to be cleaned with warm water [not HOT] and a mild detergent. Once padding is clean, hang to dry. Because of its open cell technology, our padding will dry quickly and not retain moisture or breed mold, mildew or an offensive odor.

Q6: What padding is standard on ALL AirCore Harnesses?

A6: All AirCore harnesses include shoulder and leg padding. Lumbar padding is an *option* based on the harness style configuration.

Q7: How is the AirCore harness line positioned within the Miller harness range?

A7: The AirCore harness line is a mid-premium price point product. It will be sold for less than the Miller Revolution™ harness but more than our Ultra harness series. The AirCore harness line is specifically targeted for the individual seeking a more comfortable padded harness that does not retain heat or moisture.

Q8: How many models and variations are available?

A8:

| Model No. | Side D-Rings | Chest Strap | Leg Strap | Lumbar Pad | Removable Belt | *Stock Status | Weight |
|---------------|--------------|---------------|---------------|------------|----------------|---------------|-------------------|
| AC-QC/UGN | No | Quick-Connect | Quick-Connect | No | No | Stock | 4.0 lbs. (1.8kg) |
| AC-TB/UGN | No | | Tongue | No | No | | 4.0 lbs. (1.8kg) |
| AC-QC-D/UGN | Yes | | Quick-Connect | No | No | | 4.7 lbs. (2.1kg) |
| AC-TB-D/UGN | Yes | | Tongue | No | No | | 4.7 lbs. (2.1 kg) |
| AC-QC-BDP/UGN | Yes | | Quick-Connect | Yes | Yes | | 6.1 lbs. (2.8 kg) |
| AC-TB-BDP/UGN | Yes | | Tongue | Yes | Yes | | 6.1 lbs. (2.8 kg) |

Model numbers listed are for universal size. Harnesses are also available in small/medium and XXlarge by replacing the “U” in the model number with “S/M” or “2/3XL”. To order a blue harness, simply replace the “GN” in the model number with “BL” (ex. AC-QC/UBL). All listed models include a back D-ring and sub-pelvic strap.

*Green harnesses are currently a stock item. All blue harnesses will be non-stock

Q9: What are the distinct competitive advantages of the AirCore harness line?

A9:

- Patent-pending Innovative shoulder, lumbar and leg padding design - Keeps a worker more comfortable, cooler and drier,
- Patented DuraFlex stretchable webbing - Allows for easy movement without restriction
- Patent-pending breathable back strap - Keeps the worker cool and prevents roll-out during a fall
- Stand-up D-ring - Easy connection and disconnection of back D-ring
- Category leading innovative cam buckle - Industries easiest vertical webbing adjuster
- Stylish - Innovative web and padding design; Worker more willing to wear
- Lightweight - Lightweight components and materials; Reduces fatigue for increased productivity
- Non-slip waist belt design for tool bags - Keep tools on your harness when doffing a harness
- Back D-ring pad fall indicator - Easy inspection to validate if harness has seen a fall
- Pull-free lanyard rings - Convenient storage of snap/rebar hooks
- Clip-back web finials - Handy storage for extra webbing
- Honeywell RFID Enabled Technology - Easily tracks workers and their PPE

Q10: What are the target markets for the AirCore Harness?

A10: This harness will be very popular with a wide variety of end-users including the construction and the general industry market.

Q11: What is the benefit of having a two slot bent side D-rings with a lumbar pad on select AirCore Harnesses?

A11: First, it does not interfere with the every day job of the worker – low profile.
Second, it holds the work belt and tools in position when disconnected, unlike other brands, which allow the tool belt to fall to the ground.

Q12: Will the AirCore Harness include RFID identification?

A12: The Honeywell RFID Enabled Technology will be included with the new line of harnesses.

Q13: How is an order placed for the Miller AirCore Harnesses?

A13: You will order AirCore Harnesses like any other HSP product today - through Customer Care at 888-212-7233.

Q14: Will all current styles of Miller harnesses continue to be available?

A14: Yes, there will not be any changes to our harness product lines.

Q15: Does the back D-ring have any adjustability up and down?

A15: Yes, the back D-ring has about 3 inches of vertical adjustability.

Q16: How do I get access to the variable label to obtain all of the harness information?

A16: Firmly grasp the 2-slot chest pad showing the Miller logo (see image) and the webbing and pull them away from each other allowing the back of the label pack to be exposed. Flip the label pack toward you to have access to all of the labels.



Q17: Are AirCore Harnesses compatible with the Twin Turbo bracket?

A17: Yes, AirCore harnesses are compatible with the Twin Turbo bracket. In fact, the design of this harness padding prevents the D-ring from sliding when a Twin Turbo, or any other retractable, is attached.

Q18: Does the new AirCore harness meet all regulations?

A18: The AirCore harness line meets OSHA, ANSI and CSA requirements.



Ask the Expert ... Ask Miller.

800/873-5242

Fax 800/892-4078

www.millerfallprotection.com

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