



BUILT FOR SAFETY **DESIGNED FOR COMFORT**

Beyond Compliance –
The New Generation of Safety Harnesses

Miller H500 Series

Honeywell
MILLER



THE WORKER-CENTRIC SAFETY HARNESS

Two important goals of ergonomics are the comfort and the health & safety of workers. In many ways, these are mutually compatible, for where health and safety are jeopardized, discomfort results. When it comes to working at height, few tasks are more dangerous than steel erection and scaffolding. Not only are construction workers at risk of fall, but long hours spent in a restrictive non-ergonomic heavy harness can lead to muscular fatigue due to restricted freedom of movement, overexertion, repetitive tasks, load exposure, sweat and heat build-up...often resulting in frustration and complacency. These states can cause or contribute to critical errors, such as eyes and mind not on the task and bad

posture, leading workers to be less compliant to their harness (incorrect fit and adjustment, no anchor point attachment, etc.) which may increase the risk of musculoskeletal disorders (MSDs) and fall.

Honeywell recognized the need for change and revolutionized a new generation of safety harnesses, the Miller H500 series, around four key worker-centric value drivers: ergonomic safety, usability, style and performance.

The new Honeywell Miller® H500 integrates evidence-based “best-in-class” anatomically and ergonomically designed pressure-relief breathable paddings for more comfort and freedom of movement,

and introduces a variety of other new smart and intuitive safety features.

The Honeywell Miller® H500 safety harness synthesizes safety, quality and comfort. Whereas some other harnesses may protect workers from serious injury at the expense of their long-term well-being, the Honeywell Miller® H500 aims beyond compliance to keep workers safe and supported – making their jobs easier and keeping them more safe.

A NEW AGE OF SAFETY HARNESSES



① Greater freedom of movement

- **New** patented shoulder/back padding design minimises overhead muscular fatigue (overexertion)
- **New** specially formulated webbing flexes to accommodate movement and body contours for optimum comfort around legs and shoulders
- **New** side-adjustment straps for better ergonomic fit
- H-Design leg design for greater user comfort
- Lighter-than-ever harnesses

② More breathability

- **New** “best-in-class” anatomically and ergonomically designed pressure-relief breathable shoulder/back padding keeps workers drier and cooler
- **Three times more breathable** compared to the next best alternative (less water vapour resistance – RET)*

③ Smart anti-tangle for a hassle-free donning experience

④ Dedicated SRL web link for an easy attachment of personal SRLs

⑤ User friendly resettable Pull-Free lanyard keepers

- Allows users to attach lanyard when not in use

⑥ Clearly identifiable fall impact indicators for hassle-free inspection

⑦ Improved visible stitch pattern for easy inspection

⑧ Lightweight aluminum Quick-release Cobra® buckles

⑨ Highly visible protected label protection for hassle-free inspection

⑩ Water repellent webbing and rated 140 kg (max weight capacity)

*As per the Satra Technology technical report.

NEW MODERN DESIGN FOUR CORE MODELS

The modern ergonomic design provides higher visibility, smarter features and safer, more comfortable functionality. Select from four models, available in three sizes.

HONEYWELL MILLER® H500

INDUSTRY COMFORT (IC)



- Highly breathable, lightweight, ergonomic shoulder/back padding
- Specially formulated comfortable leg and shoulder webbing
- User-friendly resettable lanyard keepers

QUICK FIT (QF)



- Lightweight breathable mesh vest
- Specially formulated comfortable leg and shoulder webbing
- User-friendly resettable lanyard keepers

INDUSTRY STANDARD (IS)



- Smart anti-tangle easy-donning solution
- Specially formulated comfortable leg and shoulder webbing
- User-friendly resettable lanyard keepers

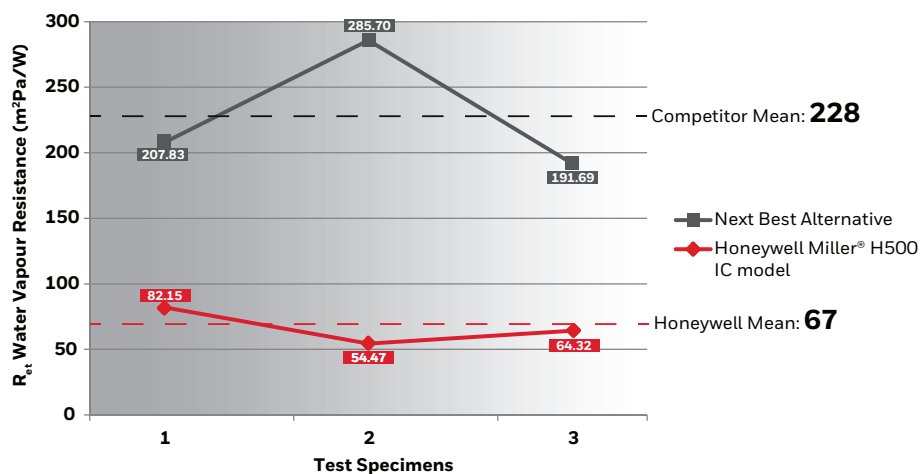
HIGH VISIBILITY (HV)



- Comfortable and lightweight lined High Visibility jacket (EN ISO 20471 Class 2)
- Specially formulated comfortable leg and shoulder webbing
- Auto quick-release leg buckles

RET BREATHABILITY DATA

The **lower** the RET value is, the **higher** the breathability.



FEATURES

- Lightweight, ergonomic, breathable harness
- Comfortable around the legs, back and shoulders
- Increased freedom of movement
- Smart resettable lanyard keepers and SRL web link
- Quick and easy to fit
- Improved visible stitch pattern
- Clearly identifiable fall impact indicators
- Water-repellent webbing

HONEYWELL MILLER® H500 MODEL GUIDE

CORE MODELS	VARIANT	LEG BUCKLES	CHEST BUCKLES	ATTACHMENT POINTS			SIZING	PART NUMBERS
				BACK	FRONT	SRL WEB LINK		
IC MODEL 	IC6	Auto Quick-release	Auto Quick-release	D-ring	D-ring	Yes	1	1036081
							2	1036082
							3	1036083
	IC7	Auto Quick-release	Auto clip	D-ring	2 web loops	Yes	1	1036085
							2	1036086
							3	1036087
QF MODEL 	QF1	Auto Quick-release	Auto clip	D-ring	2 web loops	No	1	1036109
							2	1036121
							3	1036122
IS MODEL 	IS1	Mating	Auto clip	D-ring	None	No	1	1036089
							2	1036090
							3	1036091
	IS2	Auto Quick-release	Auto clip	D-ring	None	No	1	1036093
							2	1036094
							3	1036095
	IS3	Mating	Mating	D-ring	D-ring	No	1	1036097
							2	1036098
							3	1036099
	IS4	Auto Quick-release	Auto Quick-release	D-ring	D-ring	No	1	1036101
							2	1036110
							3	1036111
	IS5	Mating	Auto clip	D-ring	2 web loops	No	1	1036113
							2	1036103
							3	1036104
	IS6	Auto Quick-release	Auto clip	D-ring	2 web loops	No	1	1036106
							2	1036107
							3	1036108
HV MODEL 	HVY1	Auto Quick-release	Auto clip	D-ring	2 web loops	No	1	1036123
							2	1036124
							3	1036125
	HVY2	Auto Quick-release	Auto Quick-release	D-ring	D-ring	No	1	1036126
							2	1036127
							3	1036128
	HV01	Auto Quick-release	Auto clip	D-ring	2 web loops	No	1	1036129
							2	1036130
							3	1036131
	HV02	Auto Quick-release	Auto Quick-release	D-ring	D-ring	No	1	1036132
							2	1036133
							3	1036134

The new Honeywell Miller® H500 Series meets the EN-361 standard.

