

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

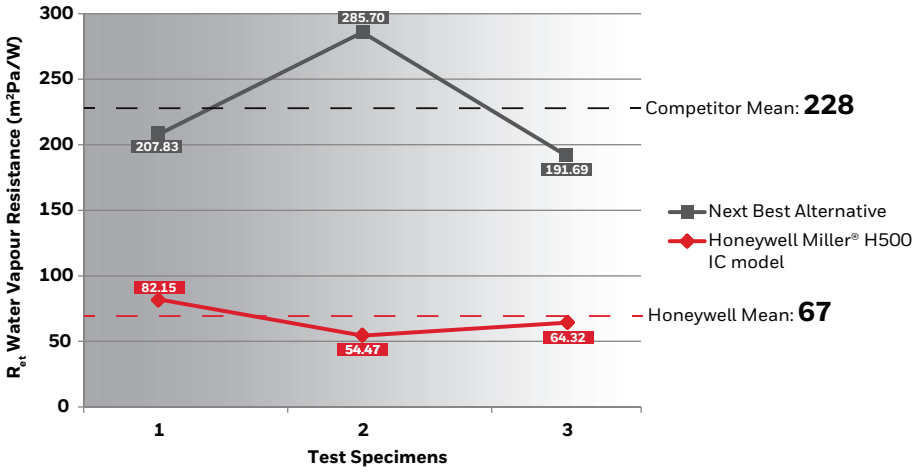
HIGH VISIBILITY (HV)



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

BREATHABILITY DATA

The **lower** the RET (water vapor resistance) value is, the **higher the breathability.**



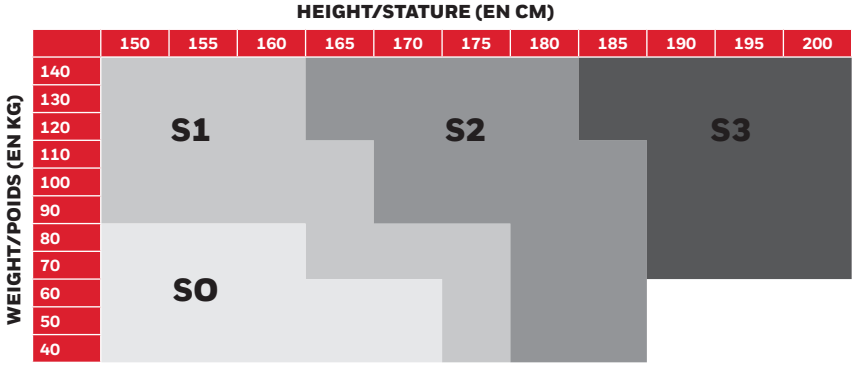
FEATURES

- 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.



SELF-RETRACTING LIFELINES

Miller® Falcon™ Edge

In work environments of every variety, edges at height are much more common than people are aware of. Simply look around any construction site and note the many different edges that exist such as edges of a floor, roof or formwork. Designed for performance in edge applications, Falcon Edge SRLs offer versatility, reliability, and maximum safety.



WE HAVE YOUR BACK

Honeywell Miller® has a full complement of associated products to ensure your PPE needs are met. With years of experience in the field and a name you can trust why not utilise our full range that is specifically designed to work together.

REF.	CABLE LENGTH METERS	CABLE	CONNECTORS			WEIGHT KG	DIMENSIONS mm
			TOP		BOTTOM		
			KARABINER	SWIVEL	SNAP HOOK WITH FALL INDICATOR AND INTEGRATED SWIVEL		
1034052	6.2	Galvanized steel	x	x	Galvanized steel	4,5	870 x 213 x 101
1034053	9	Galvanized steel	x	x	Galvanized steel	4,8	870 x 213 x 101
1034054	15	Galvanized steel	x	x	Galvanized steel	7,5	960 x 246 x 101
1034055	18	Galvanized steel	x	x	Galvanized steel	7,8	960 x 246 x 101
1034056	6,2	Stainless steel	x	x	Stainless steel	4,5	870 x 213 x 101
1034057	9	Stainless steel	x	x	Stainless steel	4,8	870 x 213 x 101
1034058	15	Stainless steel	x	x	Stainless steel	7,5	960 x 246 x 101
1034059	18	Stainless steel	x	x	Stainless steel	7,8	960 x 246 x 101

CABLE LIFELINE FOR EDGE APPLICATIONS

TurboLite™ EDGE

- Designed for use in edge applications with radius ≥ 0,5 mm
- Certified to EN360: 2002, VG11 (Rev 08) edge tested, compliant with datasheet CNB/P/11.060
- Honeywell Spectra® webbing lifeline provides outstanding chemical, abrasion, and cut resistance
- Available in lengths of 2,75 m & 3,65 m
- Single and twin configurations
- Variety of lifeline connector options



REF	LENGTH (M)	CONFIG.	MATERIAL	HARNESS CONN.	ANCHORAGE CONNECTOR
1035741-E	2,75	Single	Web	Pin	Snaphook Alu with Swivel
1035743-E	2,75		Web	Pin	Scaffhook Alu with Swivel
1035742-E	2,75		Web	Pin	Twistlock Alu with Swivel
1035745-E	2,75	Twin	Web	Pin	Snaphook Alu with Swivel
1035747-E	2,75		Web	Pin	Scaffhook Alu with Swivel
1035746-E	2,75		Web	Pin	Twistlock Alu with Swivel
1035749-E	3,65	Single	Web	Pin	Snaphook Alu with Swivel
1035751-E	3,65		Web	Pin	Scaffhook Alu with Swivel
1035750-E	3,65		Web	Pin	Twistlock Alu with Swivel
1035753-E	3,65	Twin	Web	Pin	Snaphook Alu with Swivel
1035755-E	3,65		Web	Pin	Scaffhook Alu with Swivel
1035754-E	3,65		Web	Pin	Twistlock Alu with Swivel

HONEYWELL MILLER TURBOLITE™ EDGE SELF RETRACTING LIFELINES

Edges are much more common than people realize – and they pose a greater risk in work sites of every variety. Without protection designed for edges, traditional lifelines risk being severed. Designed for performance in sharp and smooth edge applications, the TurboLite™ Edge offers versatility, enhanced user mobility, and maximum safety. The TurboLite™ Edge helps keep workers safe in applications requiring foot-level tie-off or working near edges.

TurboLite™ EXTREME

- Designed for use in edge applications with radius ≥ 0,5mm
- Certified to EN360: 2002, VG11 (Rev 08) edge tested, compliant with datasheet CNB/P/11.060
- Galvanized cable lifeline
- Available in length of 2,75 m
- Single and twin configurations
- Variety of lifeline connector options



REF	LENGTH (M)	CONFIG.	MATERIAL	HARNESS CONN.	ANCHORAGE CONNECTOR
1035728-E	2,75	Single	Cable	Pin	Snaphook Steel with Swivel
1035729-E	2,75		Cable	Pin	Scaffhook Steel with Swivel
1035731-E	2,75		Cable	Pin	Twistlock Alu with Swivel
1035732-E	2,75		Cable	Pin	Scaffhook Alu with Swivel
1035733-E	2,75	Twin	Cable	Pin	Snaphook Steel with Swivel
1035734-E	2,75		Cable	Pin	Scaffhook Steel with Swivel
1035735-E	2,75		Cable	Pin	Twistlock Alu with Swivel
1035736-E	2,75		Cable	Pin	Scaffhook Alu with Swivel

Honeywell Safety Products

United Kingdom
Honeywell Safety Products Uk Ltd
Edison Rd
Basingstoke RG21 6QD
United Kingdom
Phone: +44 (0) 1256 693 200
Fax: +44 (0) 1256 693 300
Email: info-uk.hsp@honeywell.com

International
Honeywell Safety Products Europe SAS
Immeuble Edison Paris Nord 2
33, rue des Vanesses – CS 55288 Villepinte
95958 Roissy CDG Cedex – France
Phone: +33 (0)1 49 90 79 79
Fax: +33 (0)1 49 90 71 04
Email: info-export.hsp@honeywell.com

www.honeywellsafety.com

TurboLite™, Spectra®, Miller®, 5K® and Falcon™ are trademarks or registered trademarks of Honeywell International, Inc.
Cobra® is a registered trademark of AustriAlpin.
Vectran™ is a trademark of Kuraray Co, LTD.
3M™ Protecta® is a trademark of 3M.

HIS-FALL-Miller-H500-Harness-BRO-EN-A4 I 08/2020
Europe Version
© 2020 Honeywell International Inc.

THE FUTURE IS WHAT WE MAKE IT

Honeywell