



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** specially formulated webbing flexes to accommodate movement and body contours for optimum comfort around legs/shoulders
- **New** patented shoulder/back padding design minimizes overhead muscular fatigue (overexertion)
- Waist pad with adequate foam density for optimum lumbar support
- 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 easy attachment of personal SRLs

5 User-friendly resettable lanyard keepers

- Allows users to attach lanyard when not in use

6 Clearly identifiable smart impact indicators for hassle-free inspection

7 Optimized label protection with self-contained and practical Velcro®-label pouch

8 Improved visible stitch pattern for easy inspection

9 Rated to 420 lb (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

CONSTRUCTION COMFORT (CC)



- Highly breathable, lightweight, ergonomic shoulder/back padding
- Robust and ergonomic pressure-relief waist pad
- Specially formulated, comfortable leg and shoulder webbing
- User-friendly lanyard keepers

CONSTRUCTION STANDARD (CS)



- Robust and ergonomic pressure-relief waist pad
- Specially formulated, comfortable leg and shoulder webbing
- User-friendly lanyard keepers
- Smart anti-tangle easy-donning solution
- Soft, removable shoulder pads

INDUSTRY COMFORT (IC)



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

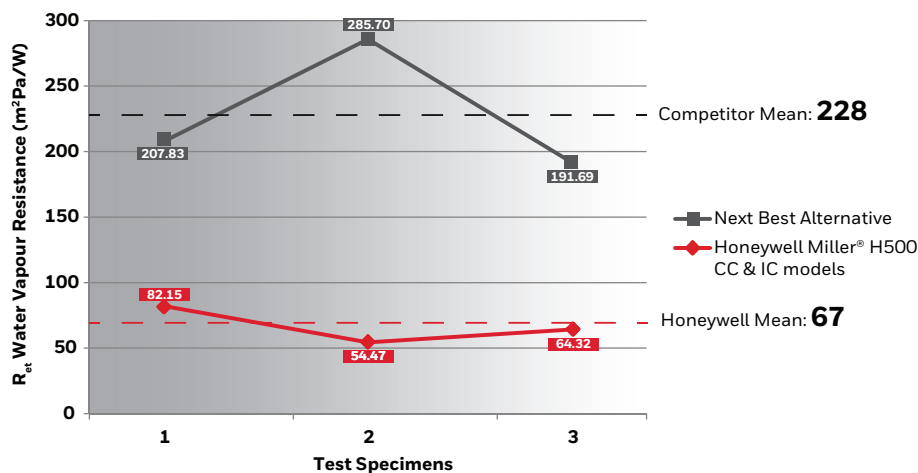
INDUSTRY STANDARD (IS)



- Smart anti-tangle easy-donning solution
- Specially formulated, comfortable leg and shoulder webbing
- User-friendly rebar hook lanyard keepers
- Soft, removable shoulder pads

BREATHABILITY DATA

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



FEATURES

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

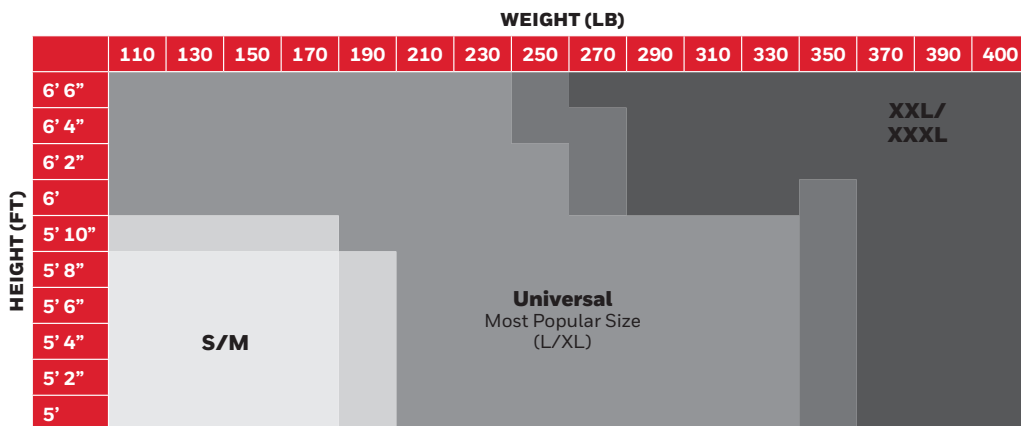
HONEYWELL MILLER® H500 MODEL GUIDE

CORE MODELS	VARIANT	LEG BUCKLES	CHEST BUCKLES	D-RINGS				SMALL SHOULDER PADS	SRL WEB LINK	SIZING	PART NUMBER
				BACK D	FRONT D	SIDE D	SHOULDER D				
CC MODEL 	CC1	Tongue	Mating	Steel	0	Steel	0	0	1	S/M	H5CC311021
		Tongue	Mating	Steel	0	Steel	0	0	1	UNIV	H5CC311022
		Tongue	Mating	Steel	0	Steel	0	0	1	XXL	H5CC311023
	CC2	Tongue	Mating	Steel	Steel	Steel	0	0	1	S/M	H5CC311121
		Tongue	Mating	Steel	Steel	Steel	0	0	1	UNIV	H5CC311122
		Tongue	Mating	Steel	Steel	Steel	0	0	1	XXL	H5CC311123
	CC3	Tongue	Mating	Alum	Alum	Alum	0	0	1	S/M	H5CC312221
		Tongue	Mating	Alum	Alum	Alum	0	0	1	UNIV	H5CC312222
		Tongue	Mating	Alum	Alum	Alum	0	0	1	XXL	H5CC312223
	CC4	QC	QC	Alum	Alum	Alum	0	0	1	S/M	H5CC222221
		QC	QC	Alum	Alum	Alum	0	0	1	UNIV	H5CC222222
		QC	QC	Alum	Alum	Alum	0	0	1	XXL	H5CC222223
	CC5	QC	QC	Alum	0	Alum	0	0	1	S/M	H5CC222021
		QC	QC	Alum	0	Alum	0	0	1	UNIV	H5CC222022
		QC	QC	Alum	0	Alum	0	0	1	XXL	H5CC222023
	CC6	QC	QC	Steel	Steel	Steel	0	0	1	S/M	H5CC221121
		QC	QC	Steel	Steel	Steel	0	0	1	UNIV	H5CC221122
		QC	QC	Steel	Steel	Steel	0	0	1	XXL	H5CC221123
	CC7	Tongue	Mating	Steel	0	0	0	0	1	S/M	H5CC311001
		Tongue	Mating	Steel	0	0	0	0	1	UNIV	H5CC311002
		Tongue	Mating	Steel	0	0	0	0	1	XXL	H5CC311003
CS MODEL 	CS1	Tongue	Mating	Steel	0	Steel	0	2	0	S/M	H5CS311021
		Tongue	Mating	Steel	0	Steel	0	2	0	UNIV	H5CS311022
		Tongue	Mating	Steel	0	Steel	0	2	0	XXL	H5CS311023
	CS1S	Tongue	Mating	Steel	0	Steel	2	2	0	S/M	H5CS31102S1
		Tongue	Mating	Steel	0	Steel	2	2	0	UNIV	H5CS31102S2
		Tongue	Mating	Steel	0	Steel	2	2	0	XXL	H5CS31102S3
	CS2	Tongue	Mating	Steel	Steel	Steel	0	2	0	S/M	H5CS311121
		Tongue	Mating	Steel	Steel	Steel	0	2	0	UNIV	H5CS311122
		Tongue	Mating	Steel	Steel	Steel	0	2	0	XXL	H5CS311123
	CS3	QC	QC	Steel	0	Steel	0	2	0	S/M	H5CS311121
		QC	QC	Steel	0	Steel	0	2	0	UNIV	H5CS311122
		QC	QC	Steel	0	Steel	0	2	0	XXL	H5CS311123
IC MODEL 	IC1	Tongue	Mating	Steel	0	0	0	0	1	S/M	H5IC311001
		Tongue	Mating	Steel	0	0	0	0	1	UNIV	H5IC311002
		Tongue	Mating	Steel	0	0	0	0	1	XXL	H5IC311003
	IC2	QC	QC	Steel	0	0	0	0	1	S/M	H5IC221001
		QC	QC	Steel	0	0	0	0	1	UNIV	H5IC221002
		QC	QC	Steel	0	0	0	0	1	XXL	H5IC221003
	IC3	QC	QC	Alum	0	Alum	0	0	1	S/M	H5IC222021
		QC	QC	Alum	0	Alum	0	0	1	UNIV	H5IC222022
		QC	QC	Alum	0	Alum	0	0	1	XXL	H5IC222023
	IC4	QC	QC	Steel	0	Steel	0	0	1	S/M	H5IC221021
		QC	QC	Steel	0	Steel	0	0	1	UNIV	H5IC221022
		QC	QC	Steel	0	Steel	0	0	1	XXL	H5IC221023
	IC5	Tongue	Mating	Steel	Steel	Steel	0	0	1	S/M	H5IC311121
		Tongue	Mating	Steel	Steel	Steel	0	0	1	UNIV	H5IC311122
		Tongue	Mating	Steel	Steel	Steel	0	0	1	XXL	H5IC311123
	IC6	QC	QC	Steel	Steel	0	0	0	1	S/M	H5IC221101
		QC	QC	Steel	Steel	0	0	0	1	UNIV	H5IC221102
		QC	QC	Steel	Steel	0	0	0	1	XXL	H5IC221103

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CORE MODELS	VARIANT	LEG BUCKLES	CHEST BUCKLES	D-RINGS				SMALL SHOULDER PADS	SRL WEB LINK	SIZING	PART NUMBER
				BACK D	FRONT D	SIDE D	SHOULDER D				
	IS1P	Tongue	Mating	Steel	0	0	0	2	0	S/M	H5ISP311001
		Tongue	Mating	Steel	0	0	0	2	0	UNIV	H5ISP311002
		Tongue	Mating	Steel	0	0	0	2	0	XXL	H5ISP311003
	IS2P	Tongue	Mating	Steel	0	Steel	0	2	0	S/M	H5ISP311021
		Tongue	Mating	Steel	0	Steel	0	2	0	UNIV	H5ISP311022
		Tongue	Mating	Steel	0	Steel	0	2	0	XXL	H5ISP311023
	IS3	Tongue	Mating	Steel	Steel	0	0	0	0	S/M	H5IS311101
		Tongue	Mating	Steel	Steel	0	0	0	0	UNIV	H5IS311102
		Tongue	Mating	Steel	Steel	0	0	0	0	XXL	H5IS311103
	IS3S	Tongue	Mating	Steel	Steel	0	2	0	0	S/M	H5IS31110S1
		Tongue	Mating	Steel	Steel	0	2	0	0	UNIV	H5IS31110S2
		Tongue	Mating	Steel	Steel	0	2	0	0	XXL	H5IS31110S3
	IS4	Tongue	Mating	Steel	Steel	Steel	0	0	0	S/M	H5IS311121
		Tongue	Mating	Steel	Steel	Steel	0	0	0	UNIV	H5IS311122
		Tongue	Mating	Steel	Steel	Steel	0	0	0	XXL	H5IS311123
	IS5P	QC	QC	Steel	0	0	0	2	0	S/M	H5ISP221001
		QC	QC	Steel	0	0	0	2	0	UNIV	H5ISP221002
		QC	QC	Steel	0	0	0	2	0	XXL	H5ISP221003
	IS6P	Mating	Mating	Steel	0	0	0	2	0	S/M	H5ISP111001
		Mating	Mating	Steel	0	0	0	2	0	UNIV	H5ISP111002
		Mating	Mating	Steel	0	0	0	2	0	XXL	H5ISP111003
	IS7P	Mating	Mating	Steel	0	Steel	0	2	0	S/M	H5ISP111021
		Mating	Mating	Steel	0	Steel	0	2	0	UNIV	H5ISP111022
		Mating	Mating	Steel	0	Steel	0	2	0	XXL	H5ISP111023
	IS8P	Tongue	QC	Steel	0	0	0	2	0	S/M	H5ISP321001
		Tongue	QC	Steel	0	0	0	2	0	UNIV	H5ISP321002
		Tongue	QC	Steel	0	0	0	2	0	XXL	H5ISP321003
	IS9P	QC	QC	Steel	0	Steel	0	2	0	S/M	H5ISP221021
		QC	QC	Steel	0	Steel	0	2	0	UNIV	H5ISP221022
		QC	QC	Steel	0	Steel	0	2	0	XXL	H5ISP221023
	IS10	Tongue	QC	Steel	Steel	0	0	0	1	S/M	H5IS321101
		Tongue	QC	Steel	Steel	0	0	0	1	UNIV	H5IS321102
		Tongue	QC	Steel	Steel	0	0	0	1	XXL	H5IS321103
	IS11	Tongue	QC	Steel	Steel	Steel	0	0	1	S/M	H5IS321111
		Tongue	QC	Steel	Steel	Steel	0	0	1	UNIV	H5IS321112
		Tongue	QC	Steel	Steel	Steel	0	0	1	XXL	H5IS321113

The new Miller® H500 Series meets OSHA 1926.502 , Certified ANSI Z359.11-2021 and CSA Z259.10-2018.



For more Information

automation.honeywell.com

For Information on Innovations and Patents

hsmpts.com

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