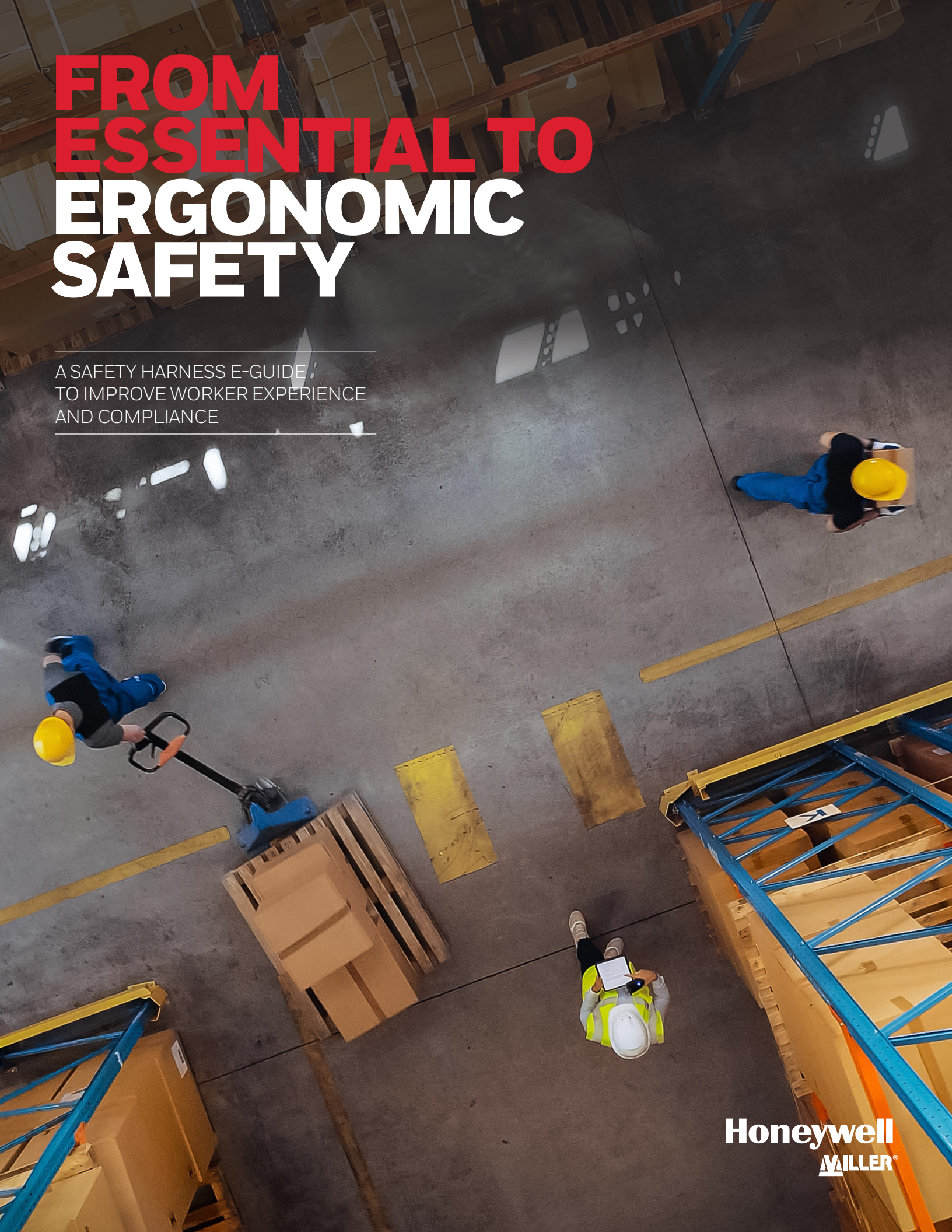

FROM ESSENTIAL TO ERGONOMIC SAFETY

A SAFETY HARNESS E-GUIDE
TO IMPROVE WORKER EXPERIENCE
AND COMPLIANCE

Honeywell
MILLER®

KEEPING WORKERS AT HEIGHT SAFE, HEALTHY AND SUPPORTED

Proven with statistical research, safety harnesses save lives for workers-at-height. However, for a harness to work, it must be worn properly. A body harness that is not properly worn and adjusted is almost as dangerous as not wearing one at all.

It's not just the height that's dangerous

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. This 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 with their harness (incorrect fit and adjustment, etc.) which may increase the risk of musculoskeletal disorders (MSDs) and falls.

Wearing a harness takes a toll on the worker's body

Then there are the strains the worker puts on his/her body when wearing a safety harness: work postures and movements, repetitiveness and pace of work, vibration, temperature and force of movements. These strains often result in MSDs and impact both the cost and health of the worker. MSDs are the single largest category of workplace injuries in the United States. These disorders are responsible for almost 30 percent of all worker's compensation costs.[1]

THE HONEYWELL ADVANTAGE

Specially formulated webbing flexes to **accommodate movement and body contours** for optimum comfort around legs and shoulders.

"Best-in-class" anatomically and **ergonomically designed pressure-relief breathable shoulder/back padding** keeps workers drier and cooler.

New patented shoulder/back padding design **minimizes overhead muscular fatigue** (overexertion).

Three times more breathable compared to the next best alternative (less water vapour resistance – RET).

WAREHOUSE SAFETY TIPS

- ✓ Wear proper PPE
- ✓ Practice safe lifting techniques
- ✓ Mark dangerous work zones
- ✓ Regularly inspect equipment

1. www.proactivesafetyservices.com
2. U.S. Bureau of Labor Statistics
3. National Research Council and the Institute of Medicine (2001)
4. HSE guide HSG76, Second Edition (2007), pg 53

18,090 Nonfatal back injuries has been reported in transportation and warehousing, private industry[2]

$45/54B Economic burden reported by the Institute in Medicine of work-related musculoskeletal disorders[3]

5 Top fatal occupational injuries including falls, slips and trips in Transportation and Warehousing industries in the United States[4]

70M Physician office visits related to MSD trauma, reported annually[3]

Developing the next-gen safety harness

It is clear that manufacturers must do better. And they can do better for their workers with next-generation safety harnesses. In developing the Honeywell Miller® H500 Series of safety harnesses, Honeywell recognized the need for change after considering the breadth of research surrounding overexertion, heat and musculoskeletal disorders. This extensive study revolutionized a new generation of safety harnesses, the Miller® H500 Series, around four key worker-centric value drivers: ergonomic safety, usability, style and performance.

HONEYWELL MILLER® H500 HARNESSES AIMING BEYOND COMPLIANCE

The Honeywell Miller® H500 Series integrates evidence-based "best-in-class" anatomically and ergonomically designed pressure-relief breathable padding for more comfort and freedom of movement, and introduces a variety of other new smart and intuitive safety features.

Four models are available for the North American market - designed in conjunction with local safety requirements. Our Honeywell harnesses synthesize 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 – helping make their jobs easier and keeping workers safer and more comfortable. And even though safety requirements vary between North America and Europe, one thing that doesn't vary is Honeywell's commitment to provide both safe and ergonomically comfortable harnesses.

To learn more about Miller H500 Harness, please scan QR code for product Features and Specifications.

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