Ergonomic Anti-Fatigue Safety Solutions

December 2018
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INTRODUCTION
As a work-life wellness company, MEGAComfort is committed to providing high quality work related wellness solutions, which are not only technologically advanced but are highly cost-effective.

As a leading insole provider to the industrial market, MEGAComfort pride’s itself in developing products which provide solutions to customers across numerous industries, such as Food Processing, Warehouse/Logistics, Automotive, Service Industry, Government/Military, Oil & Gas, Medical/Health, Agriculture and Construction.

MEGAComfort values each relationship that they have built in the past decade and as a commitment, they are always available to answer any clinical questions in regards to MEGAComfort solutions.

*Dr. Kevan Orvitz, Founder and President*
A Podiatrist with over 20 years of experience from across the world. He has studied all aspects of biomechanics, and the human body as it relates to the lower extremity and the feet.

*Barbara Orvitz, CEO*
A intuitive entrepreneur and business leader, with over 2 decades of experience working in different continents in Business Strategy, Organisational Management, Logistics and Finance.
To lead the evolving workplace wellness and safety environment by providing cost effective footwear solutions which positively impact productivity and efficiency in a workplace. Our aim is to deliver solutions of the highest quality with a continuous commitment to innovation.

- **COST EFFECTIVE SOLUTIONS**
- **COMMITMENT TO INNOVATION**
- **INCREASE PRODUCTIVITY AND WELLNESS**
INCREASING RISKS FOR COMPANIES
INCREASING INJURY INCIDENTS

32.2% OF ALL INJURY INCIDENTS

Listed and accounted as MUSCULOSKELETAL DISORDERS (MSD’s)

- MSD’S (OVEREXERTION) $15.08 BILLION IN DIRECT COSTS
- SLIPS, TRIPS & FALLS $10.17 BILLION IN DIRECT COSTS

Source: Liberty Mutual Workplace Safety Index, America’s Aging Workforce: Opportunities and Challenges
AGING WORKFORCE

42.1 MILLION WORKERS OVER THE AGE 55 BY 2026\(^2\)
Projected INCREASE from 35.7 million in 2016

AGING WORKERS WILL MAKE UP NEARLY ONE QUARTER OF THE LABOR FORCE\(^2\)

AGING WORKERS ARE 19.8% MORE PRONE TO MSD

Source:
1. Special Committee on Aging United States Senate, December 2017

\(^2\)MegaComfort \(\text{©}2018\)
## INEFFECTIVE ANTI-FATIGUE SOLUTIONS

<table>
<thead>
<tr>
<th>ANTI-FATIGUE MATTING</th>
<th>EFFECTS</th>
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<tbody>
<tr>
<td>Doesn’t cover the 360-degree work area</td>
<td>More unprotected area’s in the facility, increasing the chances of injuries</td>
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<tr>
<td>Movement and gradual wear &amp; tear causes the matting to curl</td>
<td>Increasing risk of slips trips and falls</td>
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<td>Regular cleaning and maintenance</td>
<td>Causes inefficiency and decrease in productivity</td>
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WHY MEGACOMFORT?
UNLOCK. SOLUTIONS.

Ergonomically Designed by a Doctor
Clinically Proven & Field Tested to Reduce Pain & Fatigue
Over 15 Years of Research and Development
Cushioned Heel & Arch Support
**Pain Loss** (over 6 week study period)

- **Knee:** 39%
- **Back:** 46%
- **Foot:** 59%

**Tibialis Anterior Mean EMG**

- MEGAComfort vs. No Insoles
- Percent of MVC
- 24.0 to 26.5

**Gastrocnemius Mean EMG**

- MEGAComfort vs. No Insoles
- Percent of MVC
- 33 to 38

- To Reduce Foot, Knee & Back Pain by 35% on Average.
- To Reduce Muscle Fatigue - *EMG data revealed an overall reduction in lower extremity muscle activity by 9.6%.*
RISK AVOIDANCE AND REDUCTIONS

- Assist in ESD initiatives - reduce static charges from the employees
- Protects from sharp objects such as shards of glass, metal & nails
- Protection from extreme temperature
MEGACOMFORT INSOLES VS ANTI-FATIGUE MATTING

- Decreases - safety hazards such as slips, trips, & falls that cause sprains, strains
- 360-degree protection across entire facility, each work station, & beyond
- Implementation, maintenance, cleaning, replacement is fast, simple, & affordable
- Ease of implementation: Vend Friendly Packaging
MEGACOMFORT INSOLES VS ANTI-FATIGUE MATTING

UNLOCK. SAVINGS.

Example of cost savings in a factory of 250 workers

MATTING COST PER WORKER $180 vs. INSOLES COST PER WORKER $25

($180 - $25) x 250 WORKERS $38,750

Cost Savings with Insoles
• Need ergonomic, comfort, anti-fatigue solution: Extended standing/walking on hard surface
• Reduce musculoskeletal disorders (MSD’s) and resulting absenteeism and injury claims: Back, knee or foot pain
• Safer facility/OSHA compliance: Reduce slips, trips and falls
• Workplace cannot accommodate floor matting: Hygiene concerns or mobile workforce
• Cost: Matting is expensive to install, maintain, clean and replace.
• Preventative health and wellness: Addressing the needs of older and aging workers
• Unhappy with competing insole brands
• Risk from sharp objects such as shards of glass, metal and nails
• Need safety toe protection for visitors temporary or casual workers
• Protection from extreme temperatures
Ultra High-Density Memory Foam Ergonomically molded for MAXIMUM SHOCK ABSORPTION

Soft Open-Celled Memory Foam reduces harmful shear force and provides MAXIMUM COMFORT

PATENTED* DUAL LAYER 100% MEMORY FOAM

* Patent: US # 8,832,969

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UNLOCK.
FEATURES.

Ergonomically Designed by a Doctor
Clinically Proven & Field Tested to Reduce Pain & Fatigue
Over 15 Years of Research and Development
Silver Ion Anti-Microbial Technology
Anti-Fungal Anti-Bacterial Anti-Perspiration
Odor Reducing
Aeration Holes to Regulate Temperature
Cushioned Heel & Arch Support
Machine Washable

PROVEN TECHNOLOGY
DUAL LAYER MEMORY FO
ANTI-FATIGUE
MEGAComfort ©2018
Personal Anti-Fatigue Mat™

• For maximum shock absorption & comfort
• Memory foam compresses for safe clearance in steel toe footwear
• Cost effective alternative to expensive matting

MEGACOMfort ©2018
Personal Anti-Fatigue Mat™ ESD

- ESD threads provide tested electro-static dissipation
- Cost effective alternative to expensive ESD matting

Anti-Static Only
MegaSole™

- Features MEGAGel™ Visco technology
- Thinner profile for better fit

Casual & Work
MultiThotic™

- Cost effective initial replacement to custom made orthotics
- Patented multiple-re-attachable orthotic arch supports

- Mild Flat Feet
- Extreme Flat Feet

All Footwear
PROTECTION LINE
PAM
Puncture-Resistant

- Protects from sharp objects such as shards of glass, metal and nails
- Meets and exceeds ASTM F2413-11 Standard
- Securely placed steel plate
Industrial MegaSock™

- Provides comfort and protection from heat and cold
- Made with 50% wool, 30% nylon, 15% acrylic, 5% other fibers
- Wool is the best fiber for naturally absorbing moisture
AG Compression Sock

- Graduated compression improves circulation
- Replace swelling with comfort & energy
- Stays fresh with silver ion technology
- Meets BSI Standard B7563

All Footwear
TECHNOLOGY LINE
• Powered by ImpactSense Technology
• Real time step by step performance data
• Analyzes step count, pronation, supination and activity time on various surface areas and footwear types
• Easy integration with corporate initiatives and rewards programs
• Long lasting battery
EFFECTIVE & RESULTS DRIVEN
A manufacturer of industrial vacuums is facing potential employee injury and accidental issues with their current anti-fatigue matting solutions. Their facility employs 320 workers and each work-station has anti-fatigue matting installed. However, in the past 2 years, 5 tripping incidents have occurred, rendering anti-fatigue matting inefficient and dangerous because:

- Anti-fatigue matting does not cover the 360-degree work area.
- Movement and gradual wear and tear causes the matting to curl, increasing the risk of slips, trips and falls.
- Cleaning and maintenance of the anti-fatigue matting cause inefficiency and a decrease in productivity.
UNLOCK. SOLUTIONS.

- 360-degree protection for employees across the entire facility, each work station, and beyond.
- Assist in ESD initiatives implemented to reduce static charges from the employees.
- Decreases safety hazards such as slips, trips, and falls that cause sprains, strains.
- Reducing muscle fatigue and foot, knee and back pain.
- Implementation, maintenance, cleaning, and replacement is fast, simple, and affordable.
- Ease of implementation: Through vending (1 pair every 6 months)

UNLOCK. SAFETY.

Through MEGAComfort work safety solutions, the end client will be able to provide all employees with protection at work and beyond, from potential injuries and accidents, reducing absenteeism and healthcare costs.
UNLOCK. SAVINGS.

UNLOCK. ROI.
From the OSHA Safety Pays Calculator, direct and indirect costs for 5 recordable tripping incidents in 2 years equates to $428,131. Including:

- Knee injury $35,000
- Sprain injury $25,000
- Back injury $88,000

Total estimated ANNUAL COST SAVINGS, After implementation of the MEGAComfort insoles program

$403,131
HOW TO IMPLEMENT AN INSOLE PROGRAM
SET UP A WEAR TEST TRIAL WITH KEY PERSONNEL
Using wear test trials, MEGAComfort has on average a 95 percent acceptance rate.

INCLUDE INSOLES IN A HEALTH AND WELLNESS PROGRAM
It will show proactiveness and care about its employee wellness and comfort, boosting both employee morale and company image.

CONSIDER MULTIPLE BUDGETS FOR FUNDING
PPE, safety, floor matting, uniforms, wellness or footwear programs.

INCLUDE INSOLES AS PART OF A PPE AND FOOTWEAR PROGRAM

GET INSOLES FOR EVERYONE
The environment and employee tasks can vary across an organization. For example, some workers may be stationary for most their shift while others are mobile.
UNLOCK. POTENTIAL.

✓ Preventative Health & Wellness
✓ Reduced Cost & Maintenance
✓ Ergonomic & Anti-Fatigue Solution
✓ Risk Avoidance & Reduction
✓ Safer Facility / OSHA Compliance
UNLOCK. DISTRIBUTION.
UNLOCK. VENDING.

EASE OF IMPLEMENTATION - VEND FRIENDLY PACKAGING
WORK-LIFE WELLNESS SAFETY SOLUTIONS ACROSS ALL INDUSTRIES
THANK YOU