VelocityEHS®

3D Static Strength Prediction Program™

Evaluate the Physical Demands of a Job

It's challenging to comply with National Institute of Occupational Health & Safety (NIOSH) guidelines without an accurate assessment of the physical demands of a job.

VelocityEHS 3D Static Strength Prediction Program™ (3D SSPP) software allows you to predict static strength requirements for common manual tasks and make rapid, simple improvements to ergonomic conditions that improve the safety, productivity, and quality of life of your employees.

Based on 50+ years of research by University of Michigan's Center for Ergonomics, and licensed by thousands, 3D SSPP is one of the most impactful software programs throughout the world.

Features & Benefits

VelocityEHS 3D SSPP allows you to predict static strength requirements of a job to reduce the risk of injury.

✓ Get proactive.

+ Predict the level of exertion for common tasks in workspace design phase
+ Helps users incorporate exertion data into their processes
+ Comply with National Institute of Occupational Health & Safety (NIOSH) guidelines

✓ Access comprehensive reports.

+ Output consists of ten reports
+ Reports predict low-back compression forces and the percentage of the population that have the strength to perform a prescribed job
+ Analyze torso twists and bends and make complex hand force entries

✓ Use real scientific data for evaluation.

+ Developed based on 50+ years of research by University of Michigan's Center for Ergonomics
+ Licensed by thousands of users
+ One of the most impactful software programs in the field of ergonomics, impacting job design throughout the world

Core Capabilities:

+ Approximate job simulations
+ Automatic posture generation
+ Three-dimensional human graphic illustrations

+ Assess against reports, including: Task input, anthropometry, fatigue, strength percent, posture, joint locations, spinal forces, strength capabilities, 3D lowback analysis & more

VelocityEHS®

What's your biggest challenge?

The VelocityEHS Team is Ready to Help You Succeed

Welcome to
VelocityEHS® | **Accelerate®**

Accelerate your EHS and ESG performance

VelocityEHS is your launchpad for operational excellence.

Leveraging AI and industry-leading expertise, Velocity ignites employee engagement, streamlines workflows, and elevates your strategy with data-driven insights.

Find out how easy your job can be when you're backed by an intelligent platform and a team of certified experts passionate about your success.

We have everything you need in one place:

- ✓ Expert solutions
- ✓ Automated workflows
- ✓ API & data access
- ✓ Best-in-class capabilities
- ✓ Native cloud software
- ✓ Mobile-friendly

The Velocity Difference

Outstanding EHS & ESG Outcomes
Trust your people to deliver expert-level results against a range of tasks using software built by certified EHS professionals.

10M
users worldwide

ActiveEHS Methodology
Anticipate, act, and boost resilience with our proprietary ActiveEHS approach that blends expertise with AI and machine learning.

140+
countries

Get Exceptional Support
Let our expert customer success team handle all of your EHS and ESG challenges seamlessly.

97%
customer loyalty

What can we help you solve next?

Safety
- + Incident management
- + Training & learning
- + Emergency response
- + Audits, inspections, observations

Ergonomics
- + Industrial ergonomics
- + Office ergonomics
- + Physical demands analysis (PDA)
- + 3D static strength prediction program (3D SSPP)

Contractor Safety & Permit to Work
- + Permit to work
- + Contractor safety
- + Visitor management

Chemical Management
- + SDS management
- + Container management
- + GHS secondary labeling
- + Regulatory reporting

Operational Risk
- + Hazard studies (JSA/JHA, bowtie assessments)
- + Control verification, assurance monitoring
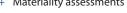- + Management of change

Environmental Compliance
- + Air emissions
- + Water quality
- + Waste management
- + eCompliance

ESG
- + GHG and energy management
- + Materiality assessments

Contact us today — **Call us toll free:** 1.866.919.7922 | **Or visit us online at:** www.EHS.com