

# JHFOSTER

John Henry Foster.com

Automation • Robotics • Compressed Air • Service



*CUSTOM  
ALUMINUM  
FRAMING  
SYSTEMS*

Authorized Distributor of **80/20<sup>®</sup> Inc.**

# ERGONOMICS AND LEAN

When you purchase off-the-shelf solutions, you settle for products that don't optimize your resources. This leads to a waste of valuable floor space and forces employees and capital to conform to the application instead of the other way around.

80/20 enables completely custom solutions that support your focus on continuous improvement. You will avoid having to spend unnecessary money, time and resources down the road in alterations. For example, an 80/20 custom-designed workstation conforms to employees and processes to decrease injuries, increase productivity, and reduce costs.



**MODULAR  
DESIGN**



**WEIGHS  
LESS  
THAN  
STEEL**



**INTEGRATE  
COMPONENTS**



**STRENGTH  
SIMILAR  
TO STEEL**



# 45%

## Common Injuries

Injuries from guards that are too heavy, improperly installed, or oversized become a hazard in themselves.



# MACHINE GUARDING

Proper guarding protects people, equipment and resources. It's a proactive approach to reduce risks as well as the likelihood of fines and citations from the Occupational Safety and Health Administration (OSHA). Custom solutions also reduce downtime and maintenance costs. Did you know that safety and guarding can affect insurance policy premiums?

80/20 custom safety applications have significant advantages when compared to off-the-rack alternatives. Other frequently-used materials, such as steel, also pose a threat. Guards that are too heavy, improperly installed, or oversized become a hazard in themselves.



# MATERIAL HANDLING

Because material handling initiatives are taking on an increasingly strategic role within business activities, you're challenged with finding more efficient and productive ways to operate. Companies that want to become or stay lean are continually looking to curb wastes in inventory, motion, and waiting.

80/20 T-slot products allow you to create modular material handling solutions that eliminate fixed systems. T-slot profiles provide a scalable option that allows you to respond to end customers, increase productivity, decrease downtime and change over, and optimize floor space.



**Save Floor Space**



**Reduce Labor Expenditures**



**Decrease Costs**



**Increase Productivity**





UP TO  
**25%**

Increase  
in pick rate  
with custom  
solutions

**IMPROVE  
SAFETY**

**REDUCE  
DOWNTIME**

**QUICKER  
SETUP TIME**

**SPEED UP  
PROCESSES**

**AVOID  
REDUNDANCY**



# MACHINE FRAMES

With 80/20 T-slot aluminum profiles and products the frame becomes a part of your process, helping to create streamlined systems. Consider the fact that you can run tubes and wires within the channel or add pressurization directly to your application. Easily mount pumps, meters, vacuum systems, valves, automation components, computer monitors, and safety devices right within your profile frame.

A custom 80/20 machine frame allows you to keep your workplace safe and more productive by incorporating barrier guards directly into the frame. You'll keep your workforce out of harm's way without inhibiting operations. Machines that are kept in proper working conditions get tasks completed more efficiently and help processes run smoothly to reduce downtime.



# WORKSTATIONS

Because workspace functionality is taking on an increasingly strategic role within business activities, you're challenged with finding more efficient and productive ways to operate. Companies that want to become or stay lean are continually looking to curb wastes in inventory, motion, and waiting.

80/20 products allow you to customize workspaces to your workforce and processes. Design a station that can be adjusted up or down to accommodate the user; mount bins for storage or incorporate paneling to organize tools. What's more, you can create a pressure manifold in the T-slot channel so that a single hose can pressurize an entire frame, allowing you to add equipment where it's most convenient for you.



**Ergonomic Design**



**Enhanced Efficiency**



**Incorporate Mobility**



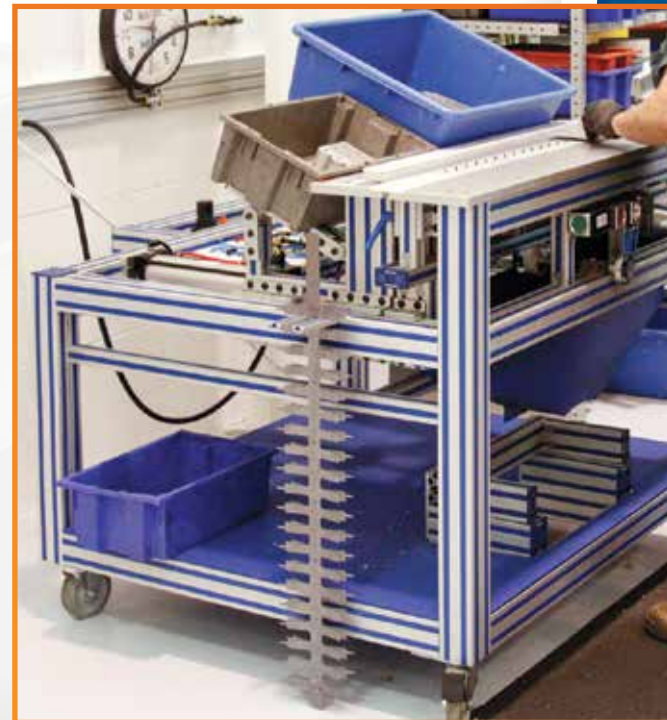
**Improve Organization**



**Reduce Wasted Movement**



**Decrease Setup Time**







***Request***  
*YOUR DEMO!*

Setup Your On-Site  
Demonstration  
with John Henry  
Foster Today!



# JHFOSTER

John Henry Foster.com

Automation • Robotics • Compressed Air • Service

3103 Mike Collins Drive  
Eagan, MN 55121  
Phone: 651.452.8452  
TF: 800.582.5162

[sales@jhfooster.com](mailto:sales@jhfooster.com) • [www.jhfooster.com](http://www.jhfooster.com)

Copyright © 2020 80/20® Inc. All rights reserved.