

# *CUSTOM* MACHINE FRAMING

*SOLUTIONS*  80/20<sup>®</sup>

*Learn how 80/20 machine framing  
solutions streamline processes  
and reduce downtime.*



## Designed for Custom Solutions

80/20 Inc. provides T-slot aluminum profiles and the accompanying fasteners, accessories and parts to configure custom machine frames. It is an alternative option to typical welded-steel applications but without the associated high fabrication costs and lack of adaptability characteristic of steel projects; you'll find that profiles are easy to assemble and modify.

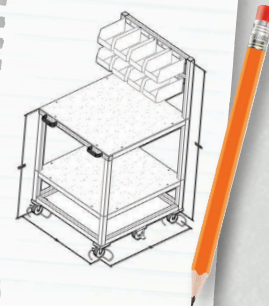
# T-SLOT PROFILES



## Aluminum is the Answer

T-slot profiles are a versatile option. Aluminum is comparable in strength to steel and provides long-lasting, vibration-resistant connections. What's more, 80/20 profiles are modular, providing easy reconfiguration and modifications as processes and equipment change. They allow you to maximize efficiencies, throughput, safety and production that off-the-rack framing applications can't offer.

**100%**  
**Customized**  
**to Your Needs**




When you partner with 80/20 you work with the industry leader in T-slot profiles and parts. 80/20 has been supporting the market for over 30 years with the largest product offering in the business. We listen to your needs and provide products and services that support your changing requirements.



# STREAMLINED SYSTEMS WITH T-SLOT

## Take the Integrated Approach

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.



The T-slot structure becomes part of your equipment, completing tasks, speeding up processes, and eliminating the need for duplicate resources. What's more; it's simple to make adjustments as you need to move, add, or fix parts.

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.

## INTEGRATION BENEFITS

*Reduce Downtime*

*Quicker Setup Time*

*Speed Up Processes*

*Avoid Redundancy*

*Improve Safety*



## What Can Flexibility Mean For You?

80/20 T-slot profiles enable anybody to make changes to the machine frame structure. Simple hand tools are all that is required for assembly and adjustments. Once you've welded or modified steel, it's tedious and time-consuming (sometimes impossible) to correct. Steel frames require skilled labor, heavy setup resources, and a finishing treatment to prevent corrosion and oxidation. What's more, it is a static alternative, meaning inflexible and difficult to alter.



**BE READY FOR  
CHANGES**

T-slot profiles accommodate external factors such as a change in product design or production system.



**T-SLOT  
ALUMINUM**

**WEIGHS LESS THAN STEEL**

**NO WELDING REQUIRED**

**COSTS LESS THAN STEEL**

**STRENGTH SIMILAR TO STEEL**

**MACHINING NOT REQUIRED**

**CORROSION RESISTANT**

**VS**



**WELDED  
STEEL**

**MORE TIME AND LABOR**

**WELDING REQUIRED**

**INCREASED EXPENSES**

**ONE FIXED DESIGN**

**MACHINING REQUIRED**

**NEEDS PAINT & PRIMER**



## Custom Made Means More Options

With an 80/20 machine frame you are no longer confined to solutions that often need expensive modifications or cost you valuable floor space. Profiles are designed to fit your exact parameters and space; for example, design a frame that includes access for maintenance, built-in storage, or integration points for material handling equipment. It is also reusable and scalable, so when your processes, workforce, or equipment needs to change you don't have to start from scratch. T-slot profiles and parts provide an environment that enables revisions.



**THE FLEXIBILITY OF T-SLOT ALUMINUM  
CAN HELP AVOID VERY COSTLY  
DELAYS, ERRORS AND ACCIDENTS.**

## One-Stop Shopping: Profiles, Parts & Panels

You'll find a range of products tailored to your custom framing solutions. Incorporate mesh and acrylic panels to create guards, use chemical resistant leveling feet to reduce vibration or add linear bearings to introduce movement along the frame. You have access to both fractional and metric profiles and parts that can be easily integrated into existing equipment.

- Widest Selection of Profiles
- Casters, Leveling Feet, and Anchors
- Metric and Fractional Series
- Mesh, Plastic and Aluminum Panels

# EVERYONE

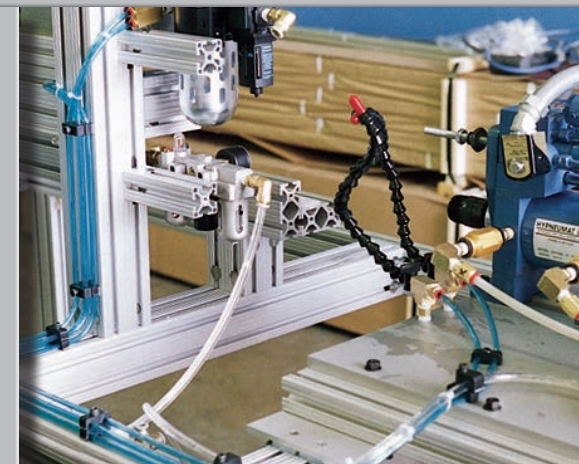
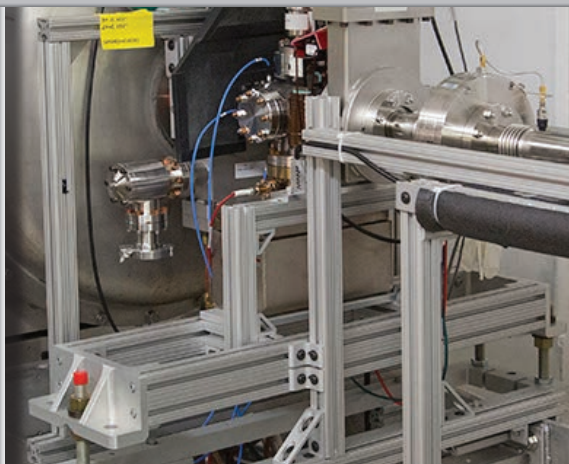
# WANTS TO BUILD

# SOMETHING

## Personal Support and Design Assistance

80/20 has a proven record of consistent high-quality products coupled with a fast speed to market. You'll also benefit from access to your local 80/20 distributors. These are top-level providers throughout the nation that have the experience, knowledge and range of complimentary products to support your entire project.

**CALL YOUR 80/20  
SPECIALIST TODAY!**





### Ready to Try It Out?

Request a demo van visit and your local 80/20 distributor will come right to your door so that you can see and interact with profiles and accessories. The van transports a gurney with samples of aluminum profiles, fasteners, panels, and more so that you can start creating your custom solution.

**GET HANDS-ON**

# 80/20

*Request your demo!*



Request Your On-Site Demonstration at [8020.net/requests](http://8020.net/requests)

# 80/20<sup>®</sup> Inc.

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