Custom Workstations Improve Efficiencies and Reduce Costs

Modern science calls for interdisciplinary problem solving. Your research and development equipment and processes need to be flexible to accommodate a wide range of tasks. Optimal laboratory layouts adjust to change without overbuilding and are capable of a quick response as requirements evolve over time.

The Steiner Automation 80/20 Design Team provides free design assistance to help you select the right profiles, frames, hydraulics, and accessories from the wide range of 80/20 and Bucher Hydraulics products available from Steiner... offered as individual parts, kitted or fully assembled solutions to meet your specifications.

Adaptable Solutions for Your Laboratory

Optimize Your Space

80/20 T-slot products are modular, allowing you to experiment until you find what works best for your research initiatives and work area. Scale your processes, and when it's time to modify or redesign your space, you can implement it quickly and efficiently. Alternatives, like steel, are tedious and sometimes impossible to alter.

Proven Results

80/20 T-slot aluminum profiles are a versatile option with vibration-resistant connections and strength comparable to steel. Aluminum isn’t magnetic, doesn’t oxidize and won’t pose a fire hazard. It's a clean resource, unlike wood alternatives that increase the risk of combustion.

Variety of Unique Solutions

The flexibility of 80/20 products create a collaborative research environment that allows multiple users to work within the same area. For instance, build mobile casework systems and height-adjustable laboratory benches. 80/20 can also be integrated into existing structures and products, meaning you don’t have to start from scratch.

While each project is custom and unique; there are some common 80/20 T-slot solutions found in research and development applications.

Solution Possibilities

- Casework Systems
- Mobile HEPA Filters
- Laboratory Benches
- Desiccator Cabinets
- Research Stations
- Storage Spaces
- Custom Racks
- Mobile Carts
- Ergonomic Tables
- Robotic Arms

BY THE NUMBERS: Companies in Manufacturing Industries Performed $221 Billion (69%) of U.S. Research & Development
The 80/20 Advantage

80/20 offers a variety of panels, profiles and parts to create specific applications for your requirements. Use smooth T-slot profiles in lab and cleanroom environments - they are easy to clean and prohibit dust and debris build up. ESD (electrostatic dissipative) polycarbonate panels are perfect for desiccator cabinets and workbenches; the dissipative layers prohibit static electricity and have excellent impact and chemical resistance. An inherent benefit of 80/20 profiles – wires and cables can be incorporated directly into the T-slot, creating organization and a safer environment.

Flexible Solutions

80/20 provides a sustainable solution that doesn’t require specialized labor or a machine shop to make changes and modifications to applications. Use profiles, parts, panels, and accessories to create personalized lab and research stations as well as storage spaces, racks and carts. The design of the T-slot channel enables quick and easy placement of mounted accessories such as pumps, vacuums, diagnostic tools, and breadboards. What’s more, they can be moved or replaced in minutes with no lab disruption.