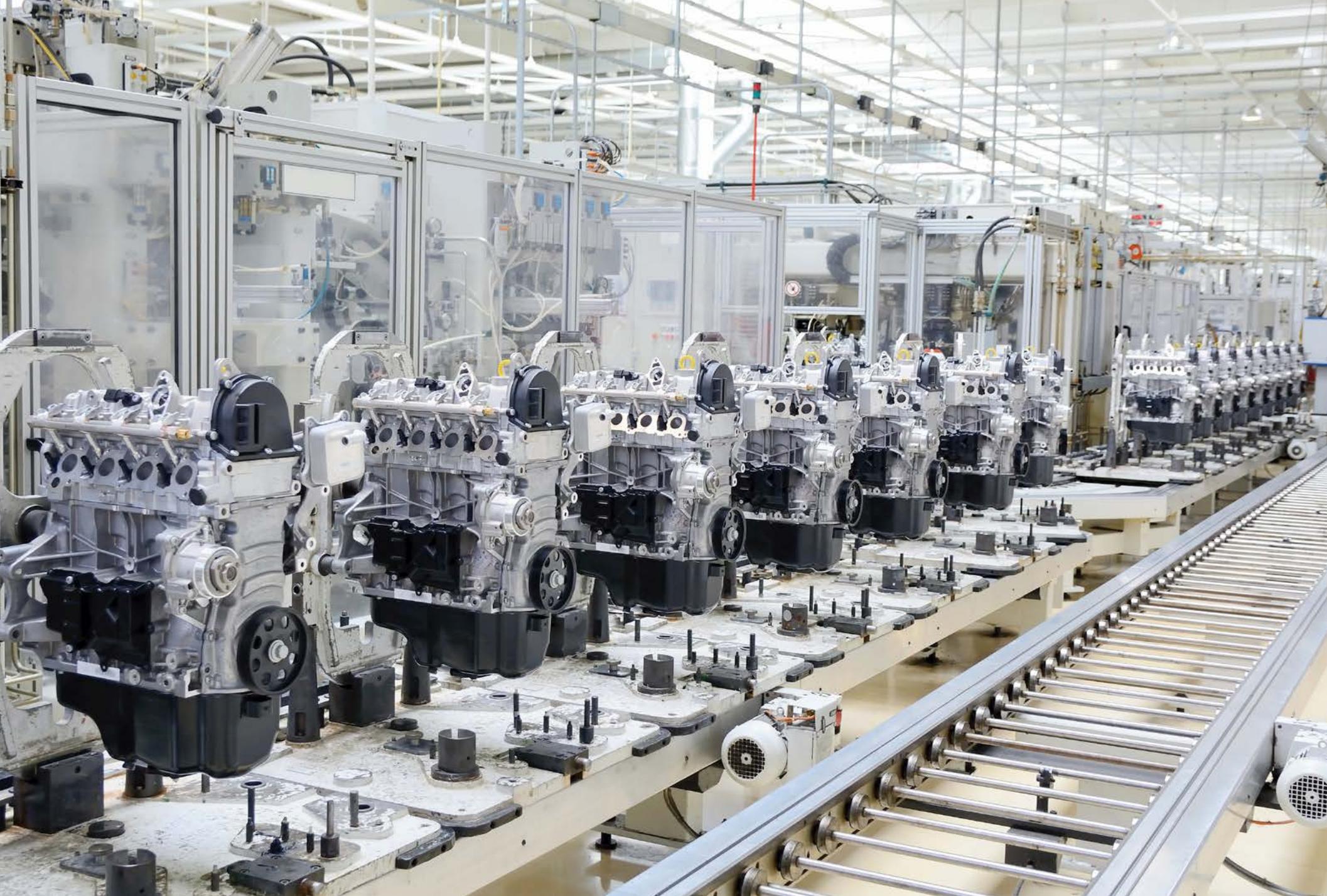


INDUSTRIAL FRAMING SOLUTIONS  
FOR MANUFACTURERS



*PRODUCTS & SERVICES*



F&L Industrial Solutions designs and builds all types of custom products that help businesses and organizations improve their efficiency, safety and overall profitability.

We are the #1 Distributor for high-quality 80/20® t-slot aluminum extrusion in the southwestern US, and we partner with many other companies to delivery a wide array of innovative solutions. At our San Diego facility, we have a complete CAD design department, full machine shop, CNC routing table, assembly/manufacturing team, packaging, inventory and QA.

Years of experience designing and building lab tables, equipment stands, machine enclosures, specialized carts, racks, workstations, and clean rooms allows us to quickly assess your needs and quote a finished product - at the lowest possible cost. Our optional services include delivery and on-site installation of solutions we build. We can work directly with your engineering department or design a complete solution from scratch.

Call us today for an on-site visit and a free no-obligation project quotation... **1-858-602-1500**

FOR OVER 15 YEARS, F&L HAS CONSISTENTLY DELIVERED  
**DESIGNS THAT IMPROVE YOUR BUSINESS**



*Free fast CAD design services for most projects*



**80/20® Inc.**  
*The Industrial Erector Set*

TRESPA





Every business has a unique workflow and different methodologies, so generic work tables may not deliver the performance that you need or want. Customized tables for your process, equipment, tools, and personnel may dramatically improve efficiency, convenience, worker satisfaction and even safety.

Let F&L help you design the perfect workspace for your research lab, production facility, showroom, tradeshow, lobby or clean room.

We offer high-tech, lab-proven countertops such as TRESPA™, aluminum, stainless steel, ABS, wood laminates, polycarbonate, and many other materials.

Add shelves, drawers, side panels, equipment mounts, monitor stands, electrical plugs, internal wiring and harnesses - or even pressurize the frame itself for easy access to pneumatic tools—anything is possible. Our CAD designers can help your engineering or manufacturing team come up with an optimum strategy and solution to improve your business.



**CUSTOM DESIGNED PRODUCTS SPECIFICALLY FOR YOUR BUSINESS**

- Assembly Tables
- Tool Benches
- Equipment Stands
- Machine Frames
- Laboratory Islands
- Static Tables
- Clean Room Walls
- Vision System & Scanner Stands
- Custom Stands & Fixtures
- Multiple Materials Available



**TOOL BENCHES AND WORK TABLES FOR GETTING WORK DONE**

**WORKSTATIONS & TABLES**

1-858-602-1500

[www.fandl8020.com](http://www.fandl8020.com)

CUSTOM DESIGNED & BUILT

# PLATFORMS & RAMPS



Manufacturers often need ramps, staircases, and platforms for workers to access larger assemblies and products. They provide stable work foundations for a wide range of tasks, and can include lighting, electricity, pneumatics,

F&L is an experienced design house that manufactures all types of enclosures, clean rooms, walls, platforms, stands and staircases including doors, shelves, fixtures, tool holders, electrical connections, tube routing, lighting, wheels, lifts and specific airflow filtration.



KEEPING EQUIPMENT AND TEST ENVIRONMENTS CLEAN AND WORKERS SAFE

# ENCLOSURES, SHIELDS & STANDS

1-858-602-1500

[www.fandl8020.com](http://www.fandl8020.com)

# CARTS

THAT MATCH YOUR BUSINESS NEEDS



Specialized carts can hold your parts and tools more conveniently and more safely than generic carts. Improve your manufacturing process by making moving and storing items more efficient for your employees. We offer an infinite variety of cart options including shelving, drawers, doors, hinges, casters, equipment mounts, panels, and numerous countertops—including metal, metal hybrids and high-tech chemical/heat resistant materials.

Any cabinet or table can be converted into a rollable, movable platform by simply adding mounting plates and casters. Floor mounting for fixed platforms is also available.

Equipment mounts, handles, shelves, tool holders, electrical outlets, pneumatic hoses, trays, bins, and other accessories can easily be added to any stand, cart or table.



Storing and easily finding critical components is important for any business, but it is especially important for manufacturers, research facilities and testing laboratories.

Keeping parts safe and damage free isn't always easy if your parts don't fit into racks and shelving perfectly. Investing in custom racks and shelves that fit your products and tools is often an excellent way to improve productivity and lower costs.

# RACKS & SHELVES

SPECIALIZED STORAGE SOLUTIONS



# ALUMINUM vs. STEEL

## 8 REASONS WHY ALUMINUM IS A SUPERIOR INVESTMENT FOR YOUR BUSINESS DOLLAR

While pre-made steel frames may be less expensive, they are often a poor investment for your company due to the concessions made to reduce the cost of the product. Aluminum is usually a better investment if you have a specific business workflow that could benefit from better employee productivity, a safer worker environment, less space used or less maintenance over time. Here are the top 8 reasons why investing in Aluminum framing and furniture may be better than buying steel:

### 1. Better Strength To Weight Ratio

You can achieve the same frame strength with 1/3 the weight of steel. This makes aluminum products easier to use and move, and it is why aircraft frames are made from aluminum, not steel.

### 2. Less Corrosion

Aluminum is less susceptible to corrosion than steel or even stainless steel. This means less maintenance (aluminum does not require a painted surface to reduce corrosion) over time.

### 3. Less Air Particulates

Less corrosion and no paint flaking means a cleaner environment and less particles in the air.

### 4. Lower Cost

Aluminum is generally less expensive than stainless steel, especially when considering the cost of painting steel after fabrication.

### 5. Easier To Machine & Modify

Steel requires welding which has a host of requirements and drawbacks. Aluminum is easily cut, drilled and assembled with standard tools, in almost any location.

### 6. Available In T-Slot Bars

Aluminum T-slot extrusions are the "worlds industrial erector set" and provide a level of connectivity that cannot be achieved by any "steel" set.

### 7. ReUsable

When steel becomes obsolete (or corroded), it is often replaced and thrown into a landfill. Aluminum T-slots can be easily unassembled and re-assembled into a new structure - so there is a lower chance of being thrown away.

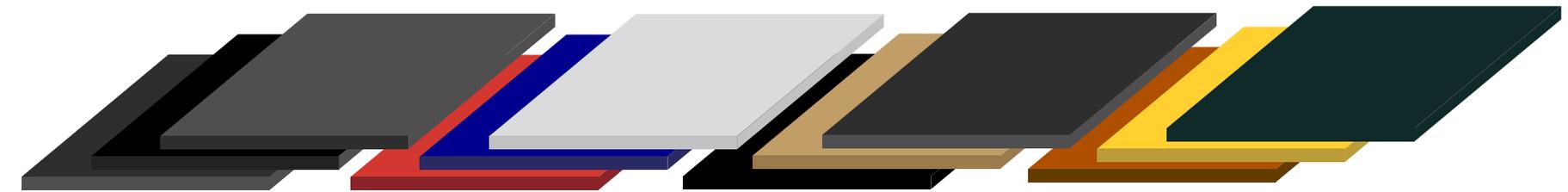
### 8. Better Investment

Aluminum is re-purposeable, so its a better overall investment for your business over the long run.

# MULTIPLE COUNTER & PANEL MATERIALS

## WE WORK WITH A WIDE RANGE OF MATERIALS SO WE CAN USE WHAT'S BEST FOR YOUR BUSINESS

Aluminum, Trespa, Stainless Steel, Aluminum Veneer, ABS, HDPE, Polycarbonate, Laminate, Acrylic, PVC, Wood & More...



## TRESPA™ TOPLAB<sup>PLUS</sup>

### THE ULTIMATE LAB COUNTER TOP

Designed specifically to meet the international laboratory standards for conducting research, Trespa TopLab<sup>PLUS</sup> is a non-porous surface offering leading hygiene, cleanliness, chemical and stain resistance. It is easy to clean and maintain, and it is durable and flexible.

It is also environmentally better than other countertops in that it is homogeneously reinforced with wood based fibers and manufactured under high pressure. The result is a counter that is impermeable to most reagents used in all types of laboratories and resistant to a large number of aggressive chemicals. These unique properties make TopLab<sup>PLUS</sup> highly suitable for use in medical laboratories, testing facilities, manufacturing lines and clean room conditions.

# FULL SERVICE DISTRIBUTOR/MANUFACTURER

FROM CONCEPT TO DELIVERY, F&L HAS THE IN-HOUSE EXPERTISE TO DELIVER THE PERFECT SOLUTION

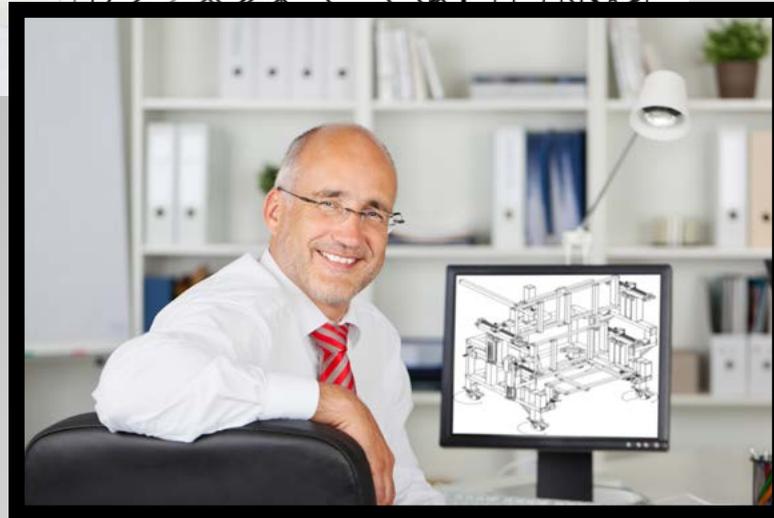
## CUSTOM CAD DESIGNS

Our team can work with your engineers to build what you have designed, or we can create original designs from scratch that meet all of your business requirements. We use special 80/20 factory versions AutoCAD Mechanical to create all of our designs using true 80/20 parts - but we also can import and use files from SolidWorks and other CAD programs. We offer free on-site consultation and free CAD design services. Call us today and we will work with you to quickly create an affordable solution.



## MACHINE SHOP

We cut bars to size and perform a host of speciality machining of 80/20 t-slot aluminum extrusions to meet any design challenge. All of our machining includes deburring and cleaning, so bars and parts are ready for building whether they are used in-house or not.



## ASSEMBLY & MANUFACTURING

It takes experience to assembly t-slotted aluminum extrusion frames, and our staff of professional builders can completely assemble your project in much less time than you think. Each project passes our rigorous QA process and can be delivered locally, or crated and shipped to your location.



## #1 80/20 DISTRIBUTOR

We inventory and sell the industry's highest quality USA-made t-slotted aluminum extrusion, 80/20. Whether we build it for you or you buy it and do it yourself, we have the 80/20 know-how to help you succeed.

Visit us to see why we are the #1 Authorized Distributor in the Southwestern United States.

1-858-602-1500

[www.fandl8020.com](http://www.fandl8020.com)



**INDUSTRIAL  
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