

AUTOMATION INDUSTRY SOLUTIONS

WHAT DO **YOU** WANT
TO BUILD TODAY?®



BY BONNELL ALUMINUM



AUTOMATION IN MANUFACTURING

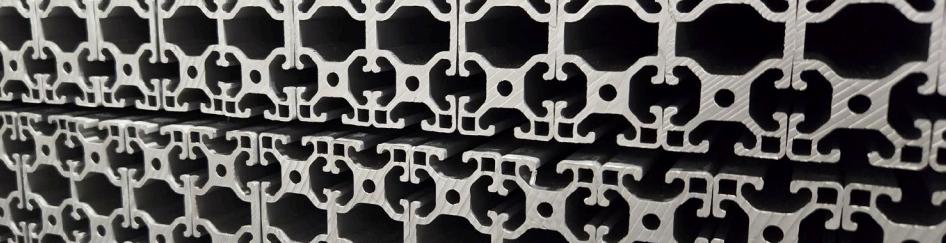
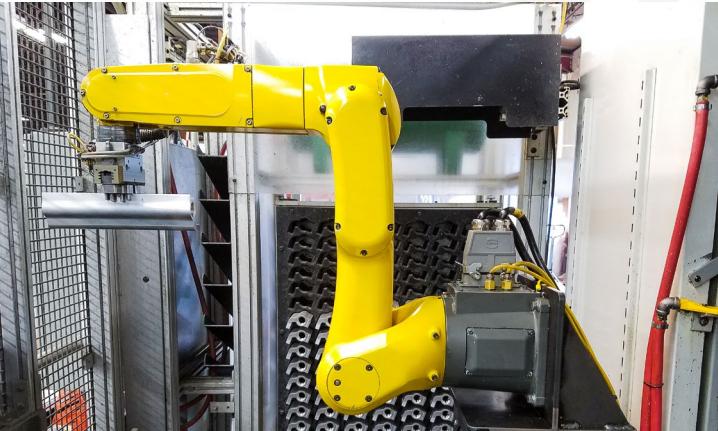
Manufacturing is evolving at lightning speed. Advances in robotics, machine technology, and smart systems are making automation more accessible than ever. But integrating automation cells isn't just about cutting-edge machines—it's about building a strong, adaptable foundation.

That's where **TSLOTS** comes in!



TSLOTS BENEFITS

- MODULAR DESIGN
- STRENGTH & DURABILITY
- EASE OF INTEGRATION
- COST EFFICIENCY



TSLOTS FOR AUTOMATION

Our aluminum extrusion framing systems **GIVES YOU** the flexibility to design, build, and scale automation solutions with ease. Whether you're creating custom enclosures, safety guarding, workstations, or full automation cells.



TSLOTS provides:

- MODULAR DESIGN** - Quickly adapt to changing production needs without costly downtime.
- STRENGTH & DURABILITY** - Engineered for industrial environments and heavy-duty applications.
- EASE OF INTEGRATION** - Compatible with robotics, conveyors, sensors, and more.
- COST EFFICIENCY** - Reduce fabrication time and eliminate welding with bolt-together simplicity.

Automation isn't just the future—it's happening now. And with TSLOTS, you have the tools to make it happen faster, smarter, and better.

TSLOTS CUSTOMIZATION STARTS HERE

In automation, flexibility isn't optional—it's essential. Every system is **unique**, and that's why TSLOTS delivers **customization** for your automation needs.

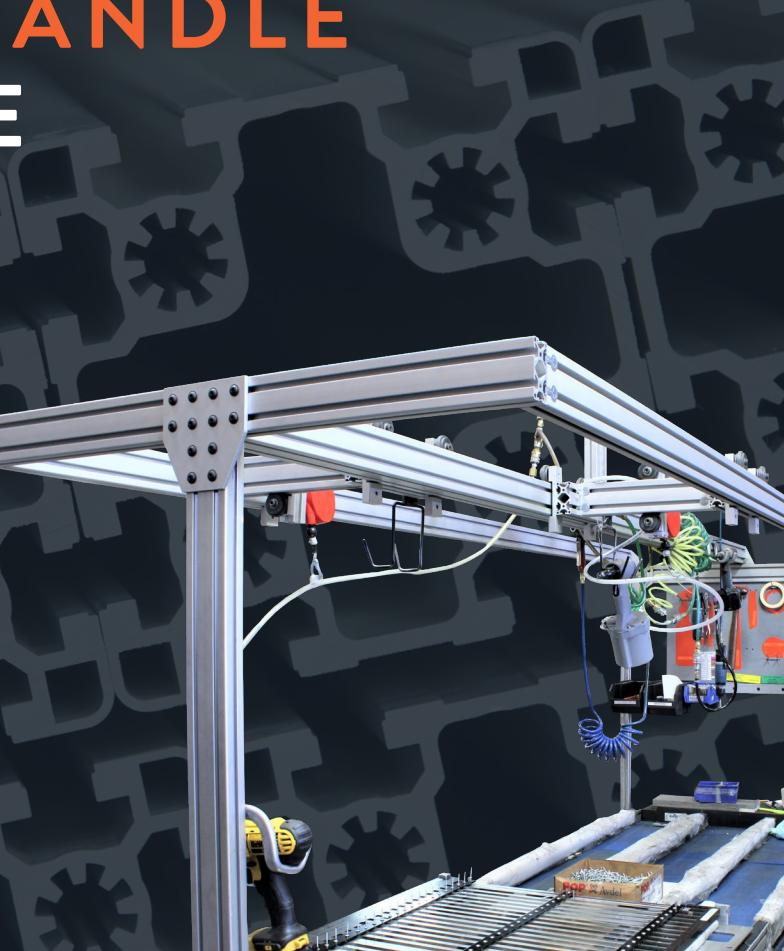
The secret? Versatility. Our profile slot design makes it simple to mount and position critical components—whether it's actuators, safety control switches, sensors, valves, light bars, or vision systems. No welding. No limits. Just a modular solution that grows with your production demands.

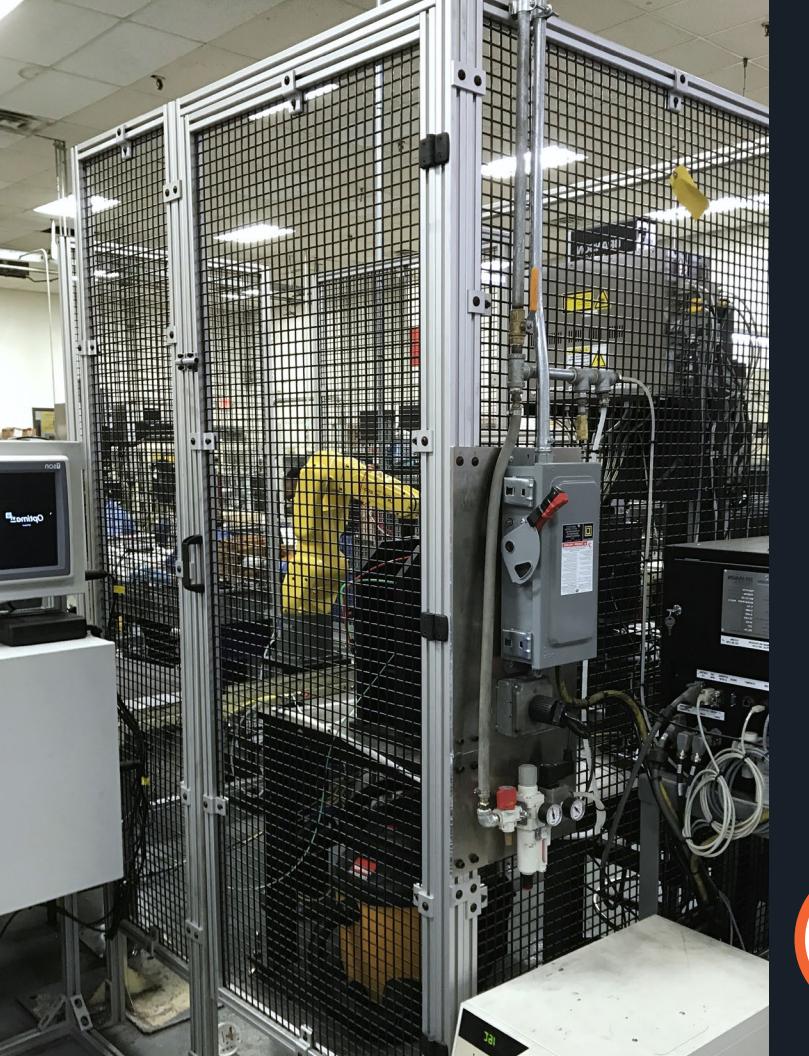


TSLOTS CAN HANDLE THE PRESSURE

TSLOTS profiles do more than provide structure—they add functionality. Select profiles feature a hollow center that can be pressurized, creating an internal channel for air hoses and pneumatic options.

This smart design reduces external tubing, keeps your automation setup clean, and powers actuators, valves, and other air-driven components—all inside the frame.





SAFETY IN AUTOMATION

Automation moves fast—but safety must always keep pace. At TSLOTS, we make it a priority to help you design solutions that meet OSHA standards and your company's safety policies.

From machine guarding to protective enclosures, TSLOTS gives you the flexibility to create compliant, secure systems without slowing down productivity.



Before starting your project, review OSHA guidelines and internal regulations to ensure every detail meets safety requirements. With TSLOTS, compliance and customization go hand in hand.



FLEXIBILITY MEETS COMPATIBILITY

Switching to TSLOTS allows for **flexible innovation**.

TSLOTS aluminum extrusions and hardware are designed to work seamlessly with all major suppliers.

Updating existing guarding or frames? No problem. Our profiles integrate effortlessly, so you can add TSLOTS without worrying about fit or function.

Spend less time adapting and more time unlocking your business potential.

OUR VALUE-ADD SERVICES INCLUDE:

- Custom packaging
- Machining
- Labeling
- Full and/or sub assembly
- Panel fabrication
- Custom finishing

OTHER SOLUTIONS WE OFFER:

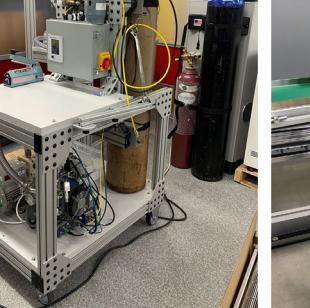
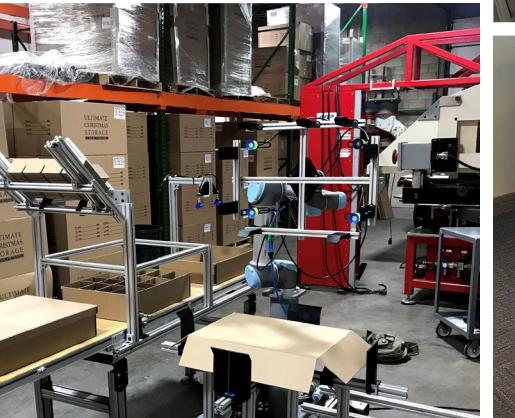
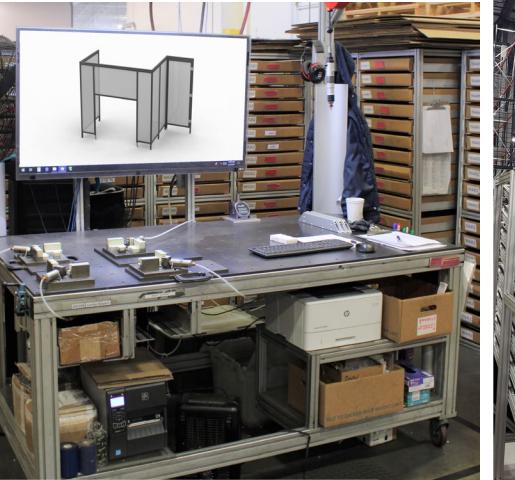
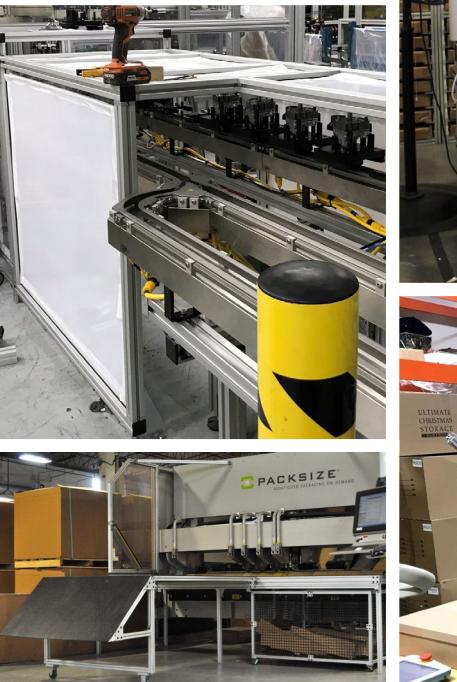
- Automation
- Lean
- Robotic
- Workstation
- Material Handling
- Displays



AUTOMATION SOLUTIONS

- TEST FIXTURES
- SAFETY GUARDING
- ENCLOSURES
- CONVEYOR SYSTEMS
- ROBOTIC CELLS
- WORKSTATIONS
- PNEUMATIC SYSTEMS
- AND MORE!

 **T-SLOTS**[®]
BY BONNELL ALUMINUM



NEED MORE INFORMATION?

Our distributors want you to **succeed**.

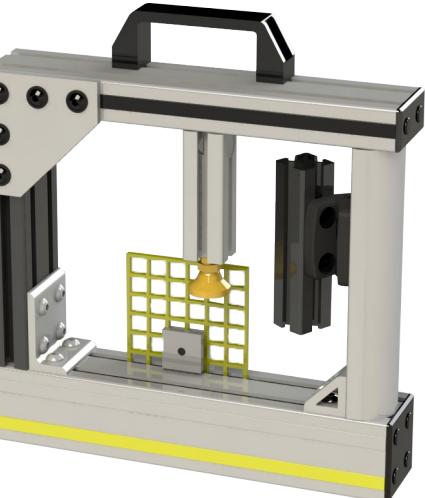
To facilitate your success, we have developed a demo kit to establish how efficiently TSLOTS work, and how quickly it can fill a variety of your construction needs.

TO REQUEST A KIT, [CLICK HERE](#).

YOU CAN ALSO REQUEST A COMPLETE TSLOTS CATALOG [HERE](#).



TSLOTS DEMO KIT



OUR PARTNERS MAKE US STRONGER

TSLOTS by Bonnell Aluminum is the only extrusion manufacturer that sells directly into the market through distribution. Our nationwide chain of suppliers can provide you with extrusions and components, and can assist you further with automation solution ideas. Our manufacturing facilities located in Clearfield UT, and Niles MI, allow us to be closer to our customers. With over 100 inventoried extrusion profiles, we've cut down on shipping costs, while reducing lead times, in order to keep our distributors well stocked.

TO FIND A TSLOTS DISTRIBUTOR, [CLICK HERE](#).





DREAM IT DESIGN IT BUILD IT



(800) 824-2049 **TOLL FREE**



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