

ALUMINUM FRAMING AND CUSTOM  
MACHINED SOLUTIONS FOR INDUSTRY

**MiniTec**  
Framing Systems, LLC



*Manufacturer of custom solutions integrating precision T-slotted aluminum extrusions and custom machined parts.*

*The modular design of T-Slotted extrusion provides extremely fast assembly and modification, perfect for prototyping.*

**Next day turnaround available.**

**SERVICES**

**Engineering**



*Our professional engineering staff can guide you every step of your project.*

**Machining**



*We offer a variety of custom bending, routing, and parts milling services via our CNC machining department.*

**Assembly**



*Our assembly department offers completely built custom solutions for our customers.*

**Integrated Solutions**



*Seamless integration of MiniTec extrusion, machined parts, and components provide our customers with fully assembled turnkey solutions.*

**Installation**



*The Minitec ISN Certified Installation Crew is able to install custom solutions on location.*

**Kitting**



*We provide all the processed extrusion, components, and machined parts for our customers to assemble their systems onsite.*

**Secondary Services**



*We offer our customers secondary operations such as anodizing, plating, and powder coating.*

**Bulk Shipments**



*Customers can buy whole boxes of profile and components to completely process their designs themselves.*

**Local Deliveries**



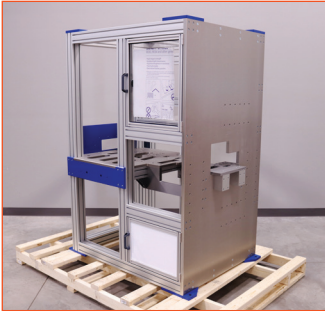
*We provide our local customers with safe and fast shipping options.*



*Minitec provides the most complete, flexible, and easy –to-use T-slotted aluminum framing system on the market today. Our unique profile system has proven itself in many sectors through reliability and flexibility.*

## **MINITEC INTEGRATED APPLICATION SOLUTIONS**

**Machine Frames**



**Machine Guarding**



**Enclosures**



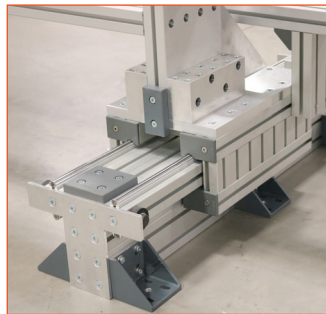
**Machine Bases**



**Ergonomic Workstations**



**Linear Slides**



**Machine Enclosures**



**Conveyors**



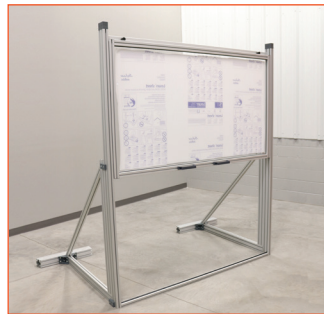
**Barrier Guarding**



**Carts**



**Counterweighted Doors**



**Tables**



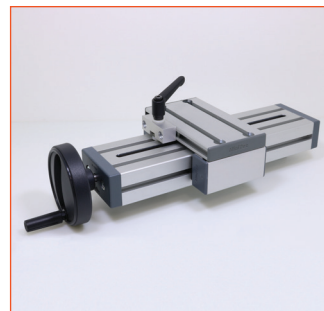
**Drawer Applications**



**Guarding/Wall Sections**



**Slides/Leadscrews**



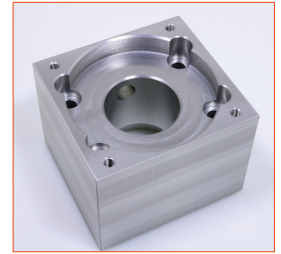
**Cleanrooms**





## PARTS MILLING

### Haas VF2SS, VF4 and VF6SS



VF2SS: 15000 RPM Spindle (X30" Y16" Z18") with probe system, VF4: 10000 RPM Spindle (X50" Y25" Z18")  
VF6SS: 15000 RPM Spindle (X64" Y28" Z27") with probe system

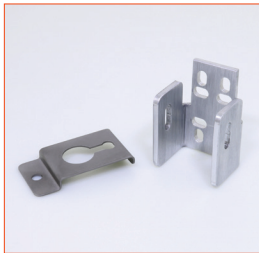
### Fryer Open Machining Center



VB-60: 8000 RPM spindle (X60" Y28" Z19") Accommodates long pieces that won't fit in an enclosed mill.

## BENDING

Pressbrake – custom bending of plastic and aluminum.



175 ton, 12' bed, 7" open (3/8" aluminum, 1/4" steel)

## SURFACE FINISHING

Only local 48" TimeSaver!

TimeSaver – deburrs processed metal and provides a consistent straight grain finish.



Large 4' wide by 6" opening

## OTHER CAPABILITIES

Shearing – 1/4" mild steel with a 10 foot wide bed.

Turning – ET-18: 2000 RPM 2" thru bore and 30" Max Travel.

Sand Blasting – for small and medium sized parts.



## MACHINING CAPABILITIES

- **Extremely FAST Lead Times**
- **Next Day Service Available**
- **Seamless Machined Part Integration on Turnkey Assemblies**
- **High Quality Precision Machining**
- **Single Part to 1000 part production runs**



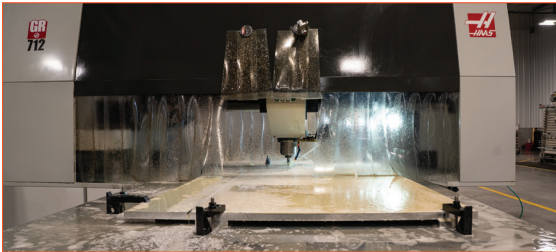
## PARTS INTEGRATION

We are proficient at machining and assembling parts to customer specifications.

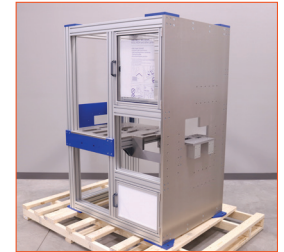
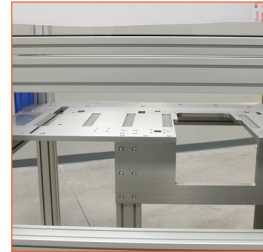
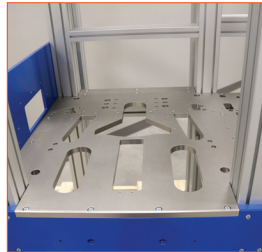


## LARGE PLATE MILLING

Gantry Routers – largest plate capacity in the local area



GR-712: 8100 RPM spindle: (X145" Y85" Z11")  
GR-510: 5000 RPM spindle: (X120" Y60" Z7.5")



We integrate custom machined parts into fully assembled solutions.

## CNC ROUTING

Pacer & Tecno Routers – custom rout both plastic and aluminum.



Pacer CNC Router: (x144" Y60" Z6.5") VAC table  
Tecno Router: (X120" Y60" Z3") VAC table



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*Multi-million dollar inventory of T-slotted aluminum extrusion, components, aluminum, and plastic panels warehoused onsite.*



*MiniTec has over 20 years of experience providing custom solutions to meet customer's unique needs.*