



80/20™ Engineering & Integration Solutions



Specializing in 80/20™ Structural Frameworks & Cleanroom Solutions

About Our Team

Hartfiel Automation provides professional design for 80/20 T-slot aluminum systems and structures, supporting manufacturers from initial concept through physical implementation.

With focused expertise in aerospace, medical, data centers, and cooling towers, the Hartfiel team serves customers in 22 states backed by the resources and expertise of a 65-year automation leader.

Our Capabilities



Rapid CAD Prototyping

Convert sketches and concepts into complete 3D STEP files and indexed Bills of Materials (BOM) within 24 to 48 hours.



Cleanroom Optimization

Implement Smooth-Surface (grooveless) profiles to meet ISO-7 and ISO-8 particulate standards.



ESD-Safe Environments

Design grounded workstations and mobile carts for sensitive electronic assembly.



Modular Automation

Deliver custom guarding, robotic pedestals, and end-of-arm tooling (EOAT) frames built to application-specific requirements.



Inventory Management

Provide on-site Vendor Managed Inventory (VMI) to eliminate freight delays and streamline procurement logistics.



Mobile Cart Solutions

Build modular transport carts tailored to material handling and work-in-process requirements across a range of facility environments.

Why Hartfiel Automation



Engineering Support

Hartfiel Automation provides the drafting labor, reducing internal engineering overhead and accelerating project timelines.



Metric & Global Standards

Full support for 20mm, 30mm, and 45mm series profiles ensures compatibility with international plant specifications.



Advanced Fastening

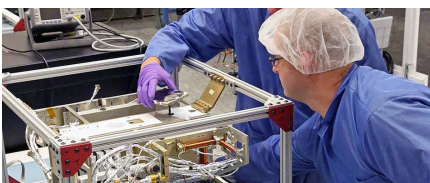
Specialized vibration-resistant hardware supports dynamic testing and high-motion operating environments.



Strategic Logistics

Optimized shipping routes for Southern Utah and Las Vegas reduce lead times and bypass Northern Utah manufacturing bottlenecks.

Industries We Serve



Medical/Biotech

Specialized cleanroom workstations and lab-flow organizers



Aerospace & Defense

Heavy-duty test rigs and ITAR-compliant assembly fixtures.



Industrial Automation

Machine safety guarding and conveyor supports for high-speed packaging applications.