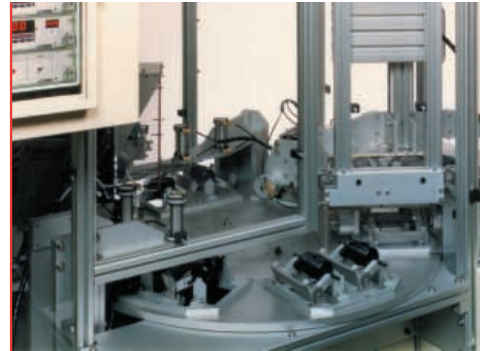


For Custom/Special Application Needs . . . Automation, Assembly, Enclosures, and Linear Motion

For non-standard or unique applications; that's where a solution provider like IPS becomes invaluable. At IPS we have the ability to work with you in designing, fabricating and assembling a framing solution that integrates with the latest machine technologies. Whether you're looking to incorporate a material handling system, linear device, conveyor or a clean room environment, IPS has the resources to provide

you a unique customized solution to match your application requirement.



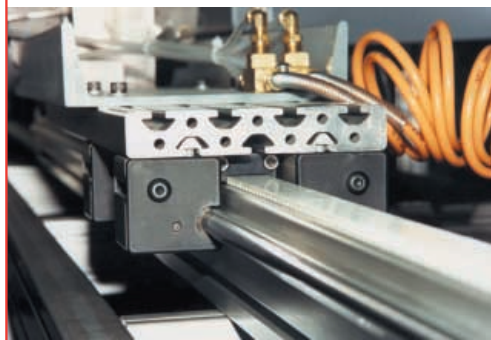
Dial table with fixturing



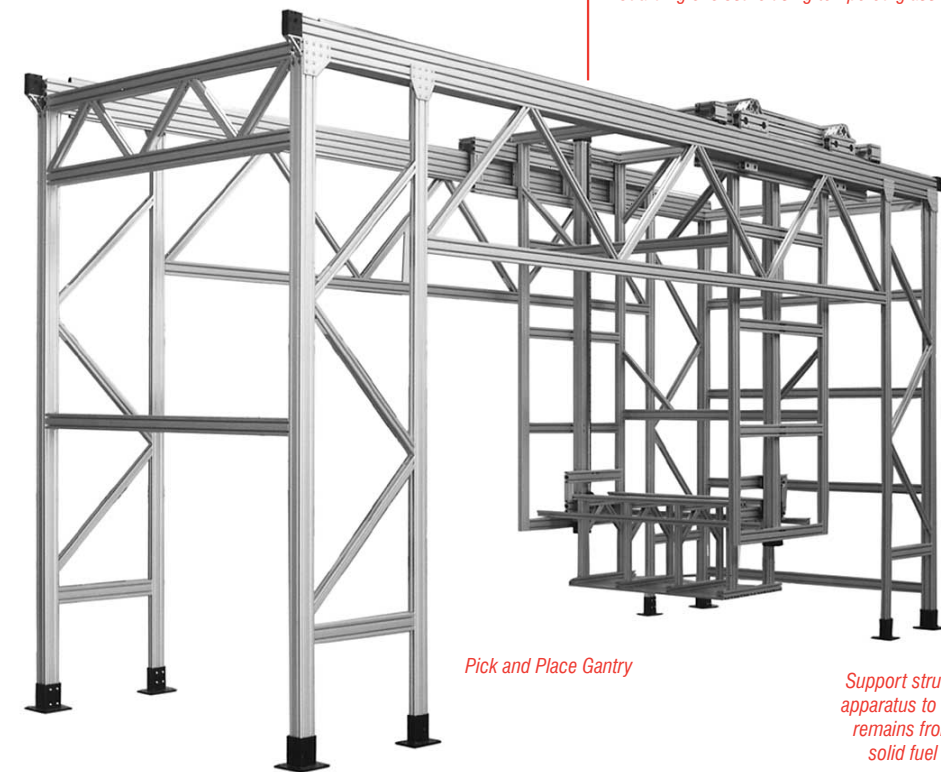
High speed automated packaging machine



Guarding enclosure using tempered glass



Roller system 14 on an inspection line



Pick and Place Gantry

Support structure for drilling apparatus to clean spent fuel remains from space shuttle solid fuel rocket boosters



Engineering, fabrication & inventory from 9 service centers across North America

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FAX: 651.351.9334

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Union City, CA 94587
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FAX: 510.487.7716

Mexico:
Norte 37 No. 38
Col. Moctezuma, 2a Seccion
Mexico, D.F. 15530
525.784.6198
FAX: 525.784.6109

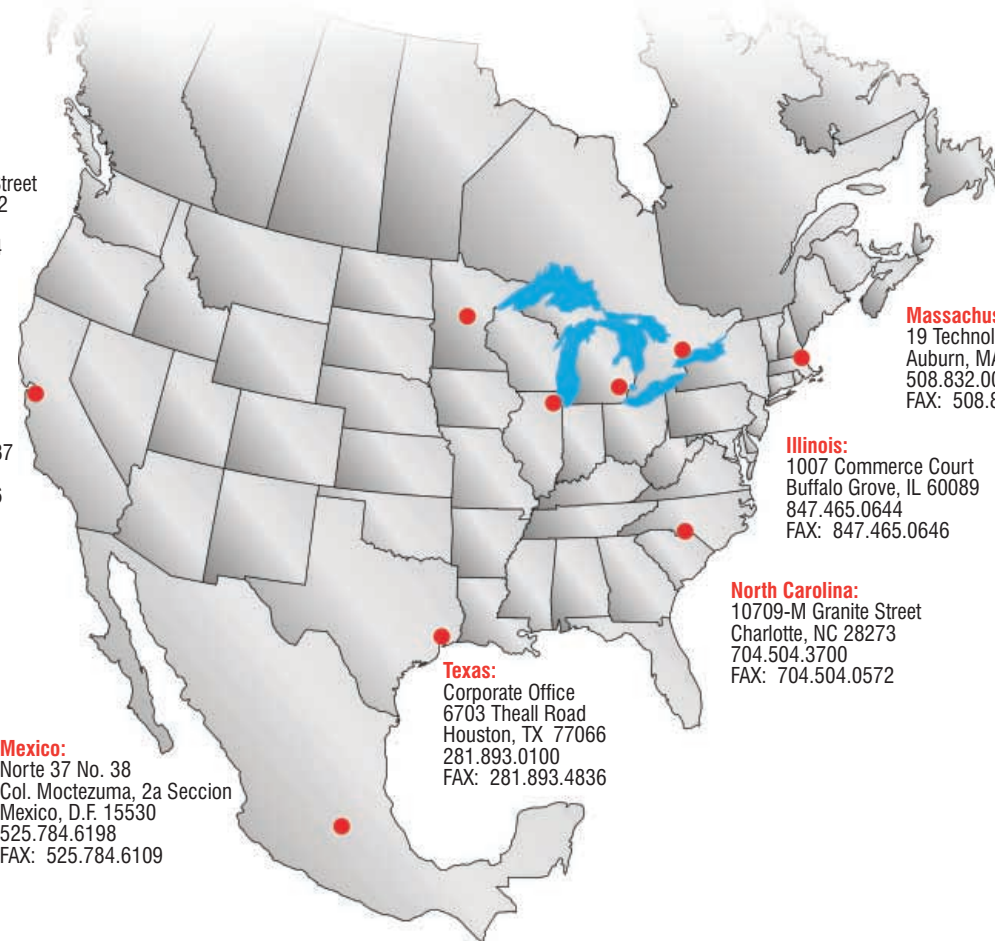
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FAX: 734.522.9102

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Charlotte, NC 28273
704.504.3700
FAX: 704.504.0572

Engineering and CAD Support...

ProfileCAD 2000 software consists of a library of profiles and accessories to assist engineers in creating 3D designs for any IPS construction system application. Created for use inside AutoCAD R14 and 2000 environments, ProfileCAD 2000 provides for direct insertion of profiles and components, thus saving valuable engineering time. Proven for 10 years in thousands of applications, previously named ItemCAD.

ProfileCAD 2000

ProfileCAD 2000 features:

- Menu driven user-friendly interface.
- 3D design made easy; specify insertion point, length of profile and orientation.
- Configurator for screens and panels.
- Extrusions and accessories (3D surfaces or 3D solids) "snap" in place and are easy to manipulate.
- Bill of materials created with a keystroke.
- Metric or English units of measure.



IPS

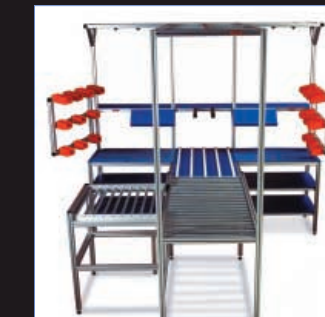
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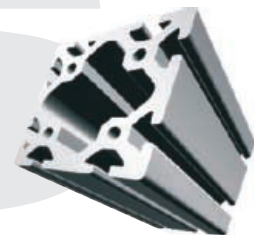
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The Aluminum Modular Framing Systems

for Machine Building and Industrial Applications



Innovative Solutions for Your Structural Framing Needs



Since 1987 IPS, (formerly Item Products, Inc.)

has served many industries throughout North America with its innovative high strength aluminum profile systems for machine building and industrial applications.

The versatility of this modular erector set system

makes it ideally suitable for machine bases and frames, linear slide systems, safety guarding and enclosures, worktables, structural framing and material handling.

Modular aluminum structures offer high flexibility and functionality combined with visual appeal and cleanliness of the anodized surface. These important features present a multitude of benefits for machine building and automation projects in industries such as pharmaceutical, medical, semiconductor, electronics, automotive component manufacturing and many others.

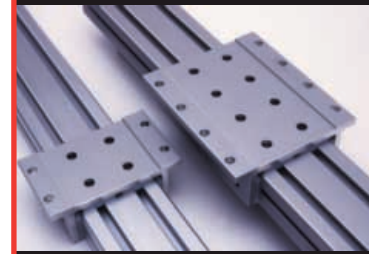


A Commitment to Customer Service...

Customer service and customer satisfaction is our objective. Nine IPS service centers located across North America support our customers with local inventory, engineering, fabrication, assembly and installation. A team of knowledgeable professionals and

experienced application engineers has the expertise necessary to provide and implement whatever IPS solution you require.

We work closely with customers on applications that may require custom parts and specials, engineering/design assistance, as well as assembly and installation services. Our IPS service centers are stocked with a broad selection of T-slotted profiles and accessories. Thus we are able to react quickly to meet customer's needs in today's fast paced global economy.



As a solution provider, IPS offers products and services such as:

- Standard length profiles
- Custom cut profiles
- Modular structures
- Bases and frames
- Workstations
- Safety guards and enclosures
- Slides and linear devices
- Material handling systems

Services

- Regional Service Centers across the US, Canada, and Mexico
- Engineering support
- Applications assistance
- Onsite installation and assembly
- CAD and design services
- Rapid product delivery

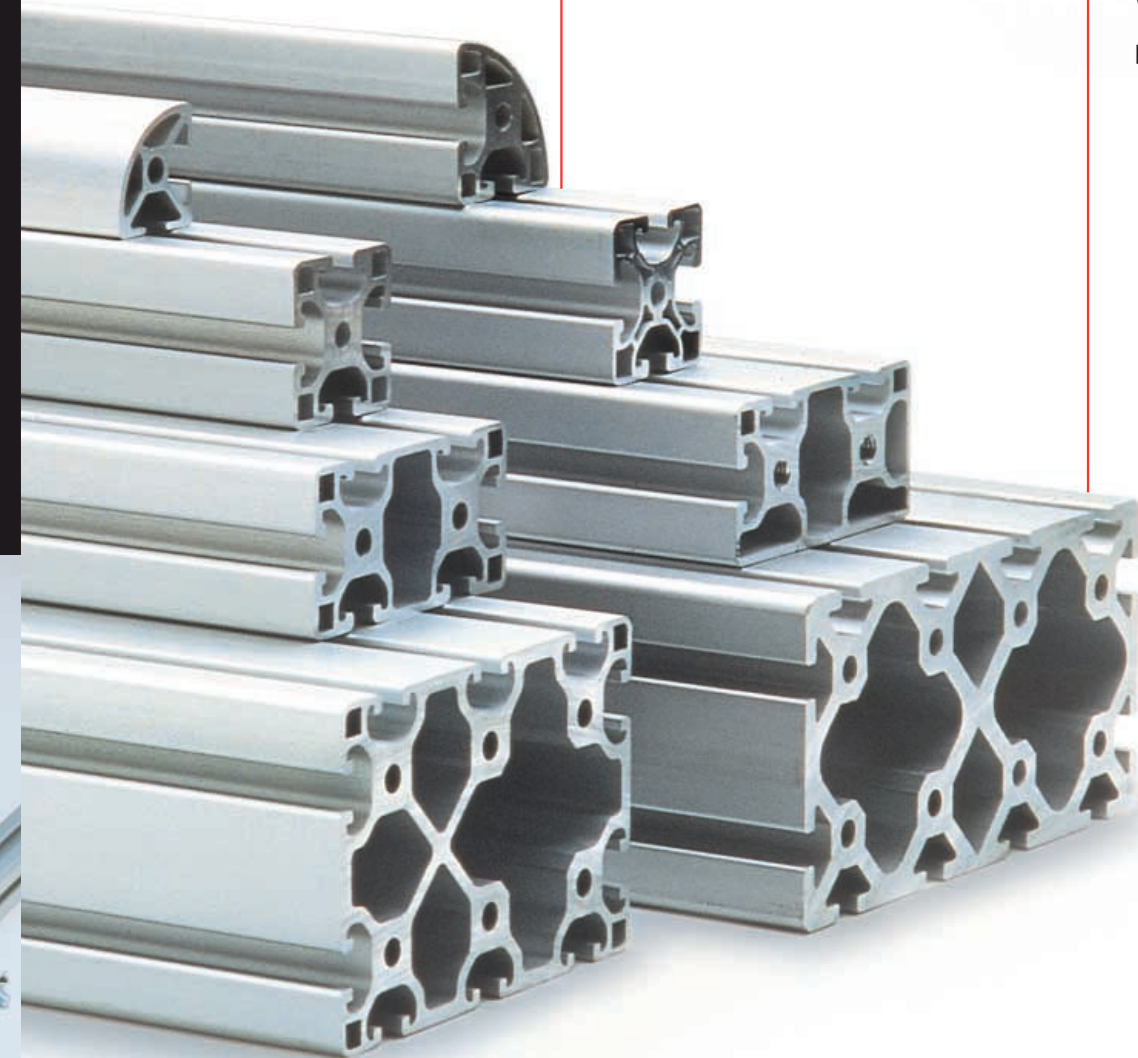


IPS

Modular Solutions to Fit Your Needs

WELDED V.S. MODULAR

Compared to welded steel frames, IPS modular aluminum framing systems offer unique benefits. The strength is comparable to steel, yet the flexibility and versatility is far superior. The pre-engineered IPS system enables you to reduce the lead-time for engineering and fabrication. Modifications and changes are easily made through all stages of the evolution of your projects.



Important benefits when using aluminum modular framing systems from IPS:

Extremely short turnaround from design to completion.

- No welding
- No cleaning
- No grinding
- No distortions
- No painting

Lower total cost through elimination of costly traditional manufacturing processes.



Serving Limitless Industries in an Unlimited Range of Applications

IPS modular framing profiles are successfully applied in an astounding variety of environments; from automotive to aerospace, from electronics to packaging, from pharmaceutical/medical to textiles.

The following are just some of the industries where IPS modular framing solutions have proven their worth:

- Aerospace
- Automotive
- Educational
- Electronics
- Industrial Manufacturing
- Medical
- Packaging
- Pharmaceutical
- Plastics
- Semiconductor
- Textiles
- Tires

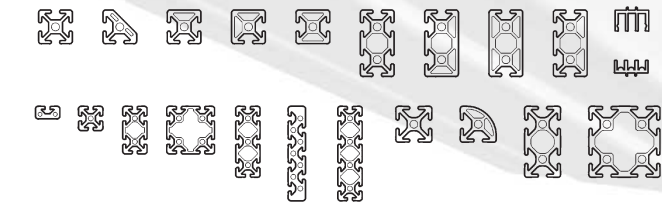
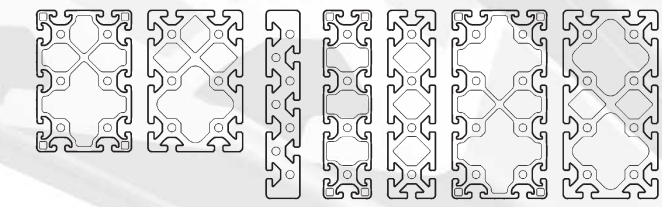
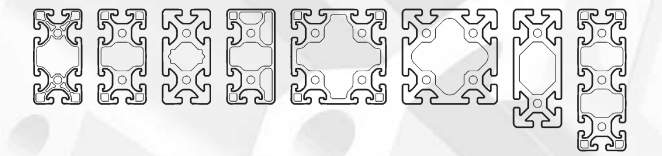
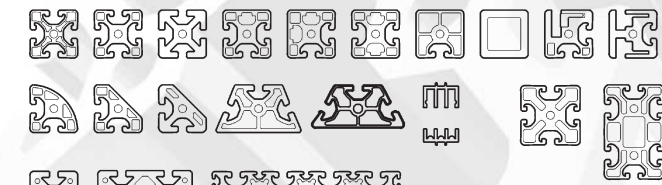


IPS

Complete Line of Profiles and Accessories

Profiles

The extensive product range comprises many different profile shapes. This provides the user with flexibility to apply the components most suitable for his application. The IPS product line includes cross sections from small miniature profiles up to sturdy heavy-duty structural beams that support static and dynamic loads in motion applications, and conduit profiles for pneumatic and electrical needs.



- Available in metric sizes from 20mm to 160mm with 5mm, 8mm, 10mm T-slots.
- Fabricated from high strength structural aluminum (6005 T5 and 6061 T6).
- Offered with clear or black anodized finish.

Fasteners

IPS applies the unique T-slot concavity design for vibration safe permanent pretension of the fastener connection. A variety of standard and universal connectors offer unique design features and flexibility. The vibration safe fastening system from IPS is functional because our profiles are made of high strength alloys. It is this particular feature that has made IPS a leader in our industry and eliminates, in most cases, the need for additional gusset plates.



- Metric fastening hardware sizes - M5, M6, M8, M10.
- English hardware sizes - 1/4"-20, 5/16"-18, #10-32.

Linear Motion

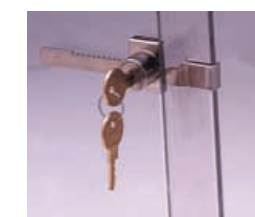
With its linear motion solutions, IPS has gone beyond the basic framing and guarding requirements. We offer roller bearing modules and DELRIN slide blocks for motion and positioning applications.

Accessories

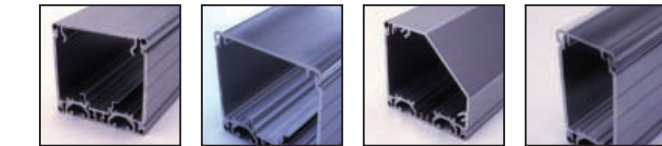
No aluminum framing systems is complete without its complimentary range of accessories. That's where IPS differs. IPS offers an extensive range of complimentary accessories such as fasteners, hinges, locks, handles, latches, feet, and casters, that make a true pre-engineered system, a single source solution for all your needs.

IPS can furnish you with accessories such as:

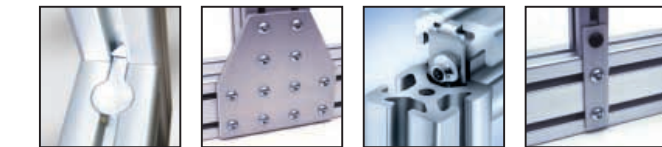
- Hinges (plastic and metal)
- Safety Limit Switches
- Leveling Feet and casters
- Handles, Locks, and Latches Cable Holders
- Panels - Trespas, Wire Mesh, Sintra, Polycarbonate Lexan
- Sliding Door Components
- Parts Bins
- Assembly Tools



Conduit Elements



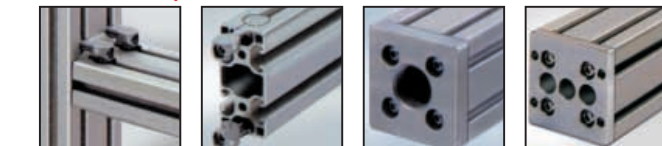
Fasteners & Connectors



Machine Guarding Components



Pneumatic Components



Feet, Base Plates & Casters

