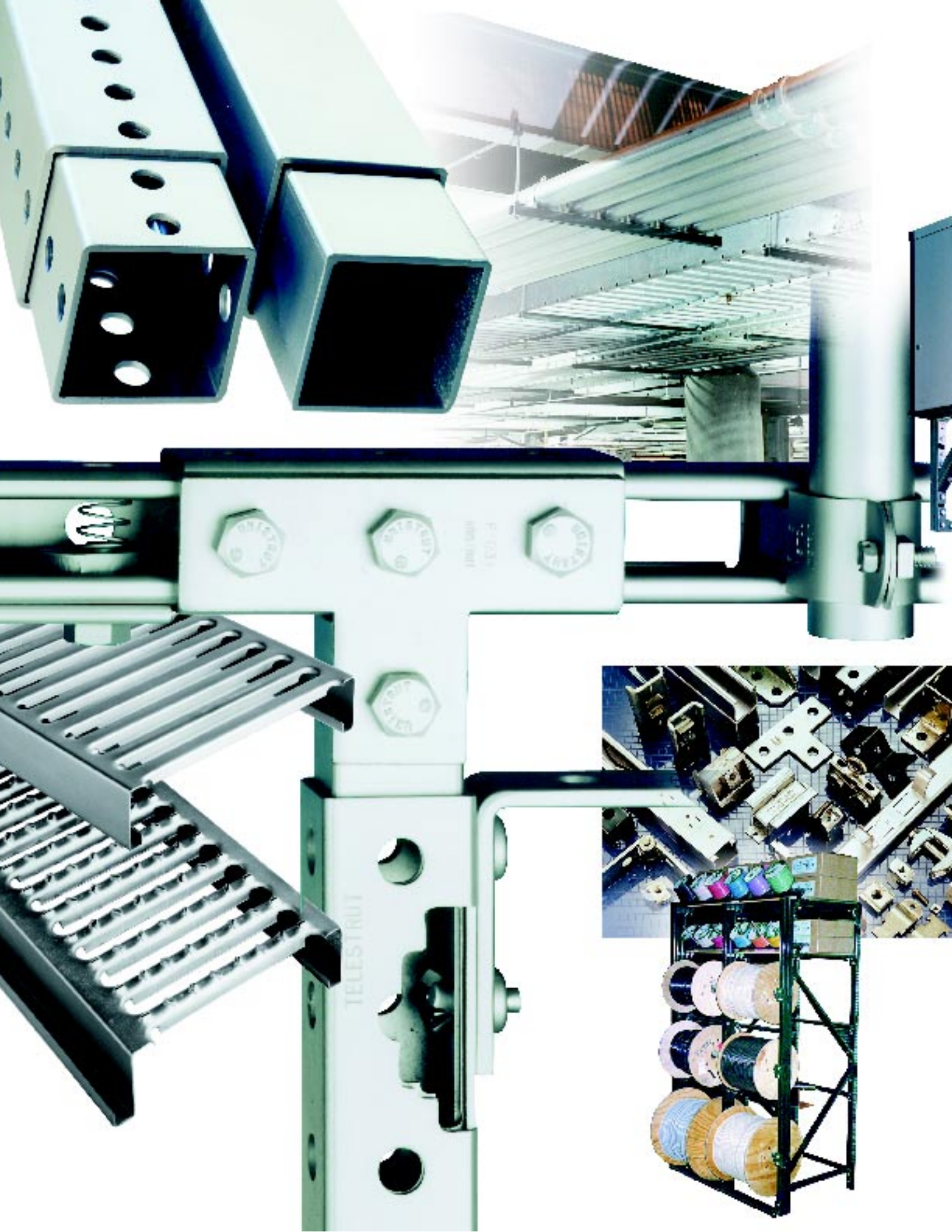
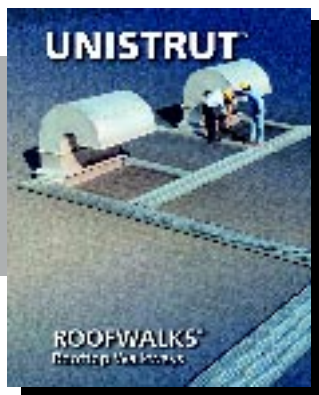


A collage of various industrial metal components. The central focus is a large, L-shaped metal bracket with four hexagonal bolts. The word 'TELESTRUT' is embossed vertically on the vertical leg of this bracket. Surrounding this central piece are several other metal parts: perforated beams at the top left, a U-shaped bracket at the top right, a series of parallel rods in a tray at the bottom left, and a collection of smaller bolts and nuts on the right. The background is a dark, textured blue.

PRODUCT APPLICATION GUIDE IND 800





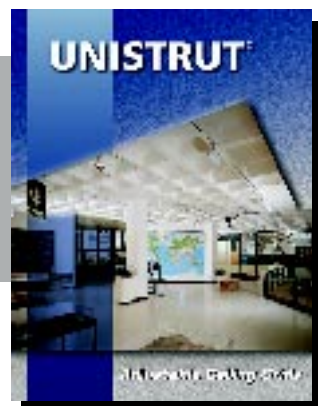
Roofwalks® Rooftop Walkway Systems

Roofwalks® Rooftop Walkway systems provide access to rooftop equipment, safeguard workers against slipping and protect against roof dishing and puncture. This 4-page full color fold-out describes the various systems available for your roofing needs.



Unistrut® Metal Framing CD-Rom

The Unistrut CD-ROM Catalog and Design Tool is an electronic version of Unistrut's definitive General Engineering Catalog. Menu icons provide simple point-and-click access to product descriptions, application information, parts cross-reference, technical data and project planning tools.

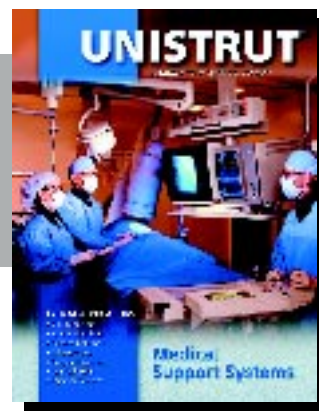


Adjustable Ceiling Grids

Build support flexibility into any space with ceiling grids from Unistrut. This full-color brochure details three easy-to-assemble systems and a variety of compatible fittings, fasteners and accessories. These easy-to-install systems create support grids which offer many important advantages, both functional and aesthetic.

Unistrut® Electrical Support Systems

This comprehensive 20-page brochure for users and specifiers includes electrical application tips, descriptions of system components and supporting technical information. Full-color photos, detailed drawings and complete engineering data facilitate design of lighting fixture supports, trapeze hangers, cable-tray supports and related electrical projects.

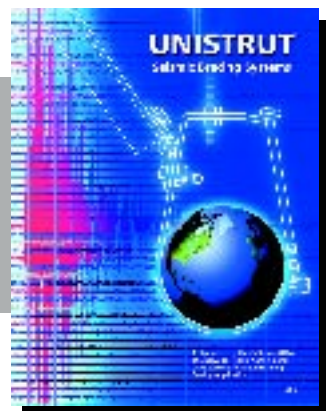


Medical Support Systems

Unistrut Medical Support Systems allow both basic and micro adjustments, so installations can be quickly and easily adapted to specific site conditions. Changes, slight adjustments and precise "fit" are easy to achieve, simplifying both initial installation and future updates.

Seismic Bracing Systems

Use of Unistrut Metal Framing products in seismic bracing applications is the subject of this 52-page engineering catalog. Included are design procedures, detail drawings and load tables for trapeze hangers and single pipe hangers as approved by the California Office of Statewide Health Planning and Development.





UNISTRUT®

Build a strong reputation with a World of Support from Unistrut

The Unistrut World of Support starts with our network of Unistrut Service Centers across the nation. They go far beyond providing local product inventories...by offering complete application support, based on experience gained from thousands of projects worldwide.

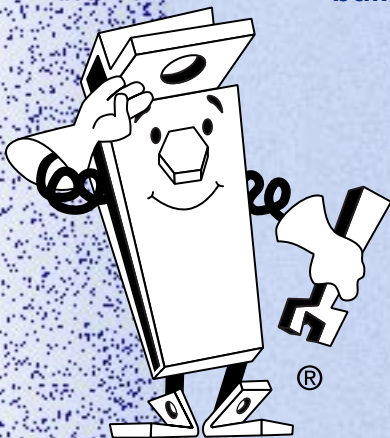
It's the kind of knowledgeable assistance that can help save time and cost now, and simplify change in the future.

Technical help? No one knows the engineering side of Unistrut support systems like your local Unistrut team. And if it's special fabrication, cutting or custom finishing you want, the pros at your local Unistrut Service Center will make it happen...quickly, efficiently, economically.

Just as important, when it comes to installing the products featured on these pages, you'll find no better partner than your nearby Unistrut Service Center.

So when it's help you need, call your Unistrut Service Center—the quickest way to unlock Unistrut's World of Support.

**When there's work to be done,
build with the leader...Unistrut.**



Meet Mr. Strut...

Mr. Strut has symbolized Unistrut innovation for better than 75 years and he's still coming up with fresh ideas and new ways to help you work easier, faster and smarter! So watch for Mr. Strut. When he's around, you're never far from the Unistrut World of Support.



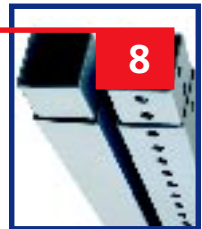
Make your projects faster, easier, stronger and safer

**UNISTRUT®****Metal Framing**

The original strut system, Unistrut Metal Framing is the time and money saving alternative to conventional support methods. The Unistrut system eliminates welding and drilling, and is easily adjustable, demountable and reusable.

**TELESPAR®****Telescopic Tubing**

Perforated, four-sided Telespar Telescopic Tubing makes quick work of hundreds of support applications, without special tools, welding or assembly. Self-aligning dimpled fittings and telescoping action provide fast assembly and repeatable, incremental adjustment.

**TELESTRUT®****Telescoping Strut**

A whole new generation of support, Telestrut Telescoping Strut adapts to change like no other metal framing system. It's the only telescoping system that offers both infinite and incremental adjustability. Five connection methods include a boltless universal rivet that can cut assembly time in half.

**PRIMEANGLE™****Slotted Angle System**

PrimeAngle™ is a complete slotted angle support system that's versatile, economical and easy-to-use. With the standard 10' and 12' lengths, three strengths and two finishes, the PrimeAngle system meets a wide range of support needs and requires only a 9/16" wrench for assembly.

**UNITED INTERLOCK®****Grating Systems**

Engineered with a high strength-to-weight ratio, these multi-use planks can be carried by one person. With snap-together friction fit that minimizes welding and bolting, United Interlock Grating installs easily, providing overall cost savings of up to 60% over other materials.



Product Introductions	6
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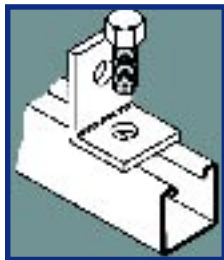
Look for this icon to identify Metal Framing applications throughout this brochure.

Featuring The Unique Unistrut Connection

- No Welding
- No Drilling
- 100% Adjustable
- 100% Reusable



1 Insert the spring nut anywhere along the continuous slotted channel. Rounded nut ends permit easy insertion.



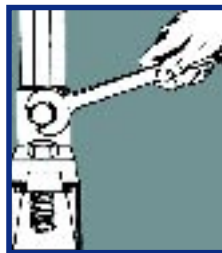
3 Insert bolt through fitting and into the spring nut.



2 A 90° clockwise turn aligns the grooves in the nut with the inturned edges of the channel. Fittings can be placed anywhere along the channel opening.



4 Additional channel sections can now be bolted to the fitting already in place by using steps 1-3.

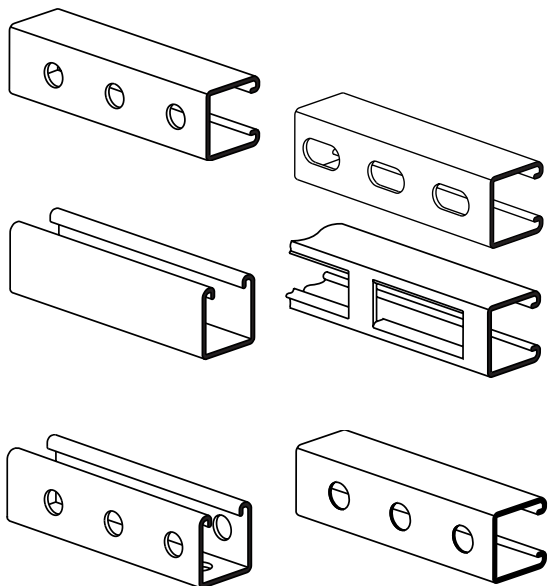


5 Tightening with a wrench locks the serrated teeth of the nut into the inturned edges of the channel, forming a strong, vise-like connection.

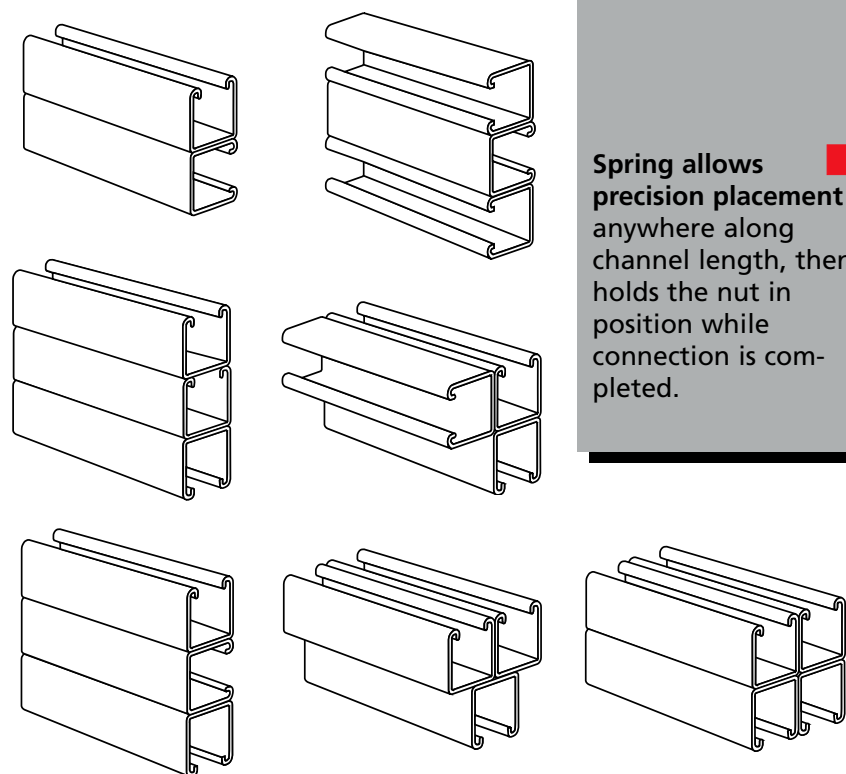


Available in a variety of finishes and materials including pregalvanized steel, Perma-Green® II painted steel, stainless steel and fiberglass.

The channel styles you want....



...and the combinations you need.



Look for this icon to identify Metal Framing applications throughout this brochure.

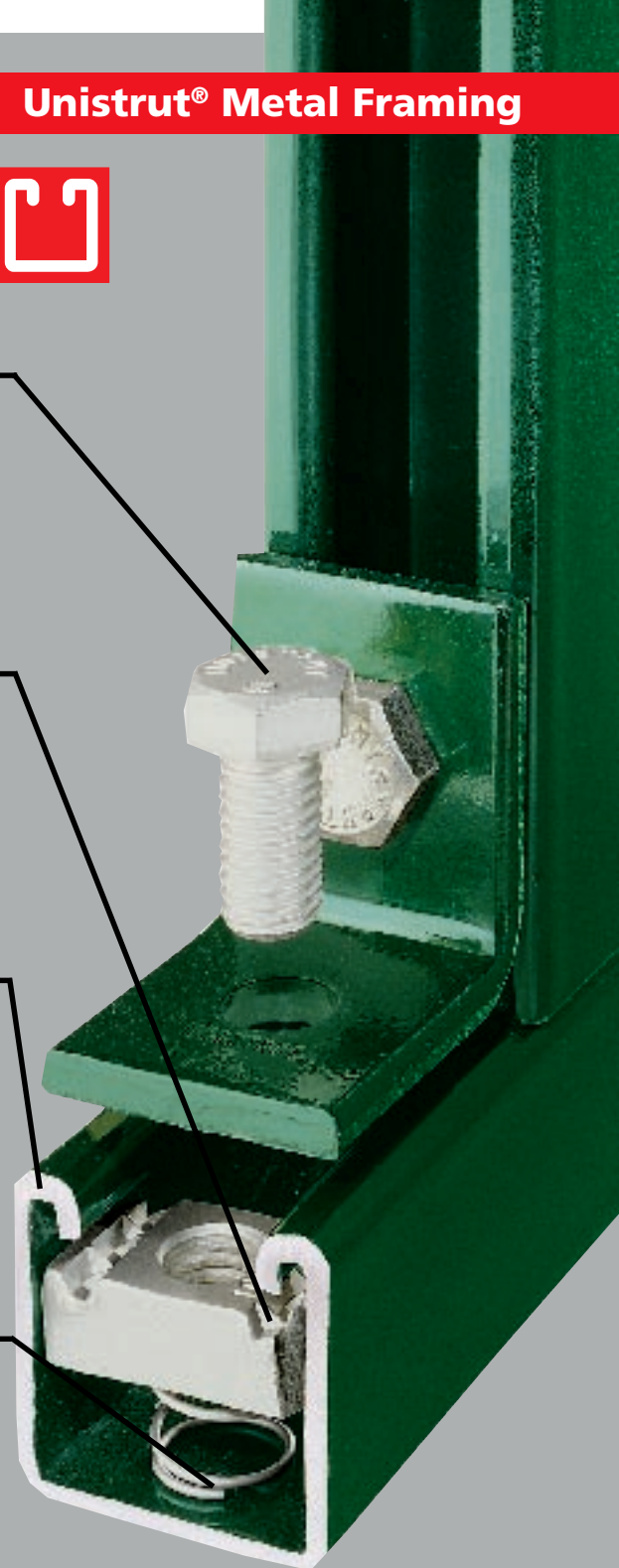


Hex-head bolt threads easily into a **spring nut**, connecting fitting to channel in one quick one-hand operation.

Nut teeth create a **vise-like grip**, tying sides together in a strong "box" configuration, when the nut is tightened against the inturned edges.

Fifteen channel sizes and hundreds of fittings give you engineered solutions to a virtually limitless variety of projects.

Spring allows **precision placement** anywhere along channel length, then holds the nut in position while connection is completed.



See Illustrated Applications on Pages:

13, 14, 15, 16, 17, 18,
19, 21, 22, 23, 24, 25,
27, 28, 29, 30, 31,
32, 33, 36, 37, 38,
39, 42, 43, 44

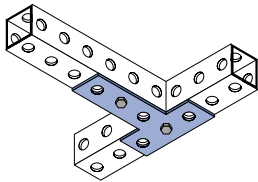


Look for this icon to identify Telespar applications throughout this brochure.

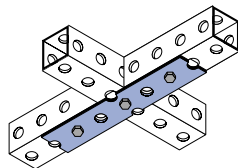
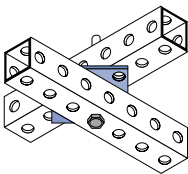
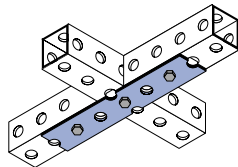
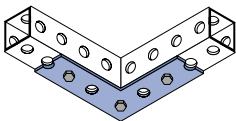
The engineered four-sided tubing system that carries a heavy load...1,001 different ways.

Telespar Telescopic Tubing perforated sections are available in eight sizes from 1½" to 2½" square. Perforated sections feature holes on all four sides, spaced on one-inch centers. Sections without holes are also available. Versatile, adjustable and reusable, Telespar Tubing offers design flexibility as well as important savings in time and labor costs.

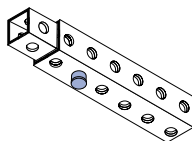
Available in 10, 12 and 14 gauge steel, with a complete line of fittings, fasteners and accessories, Telespar lets you create new designs in hundreds of applications. From racks and interior partitions to adjustable platforms, hangers and sign supports, you can build them all without special welding, tools, or assembly skills.



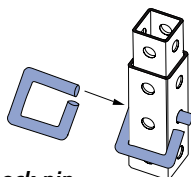
Dimpled fittings provide automatic alignment and require fewer bolts.



Two options for repeatable adjustment of telescoping sections.



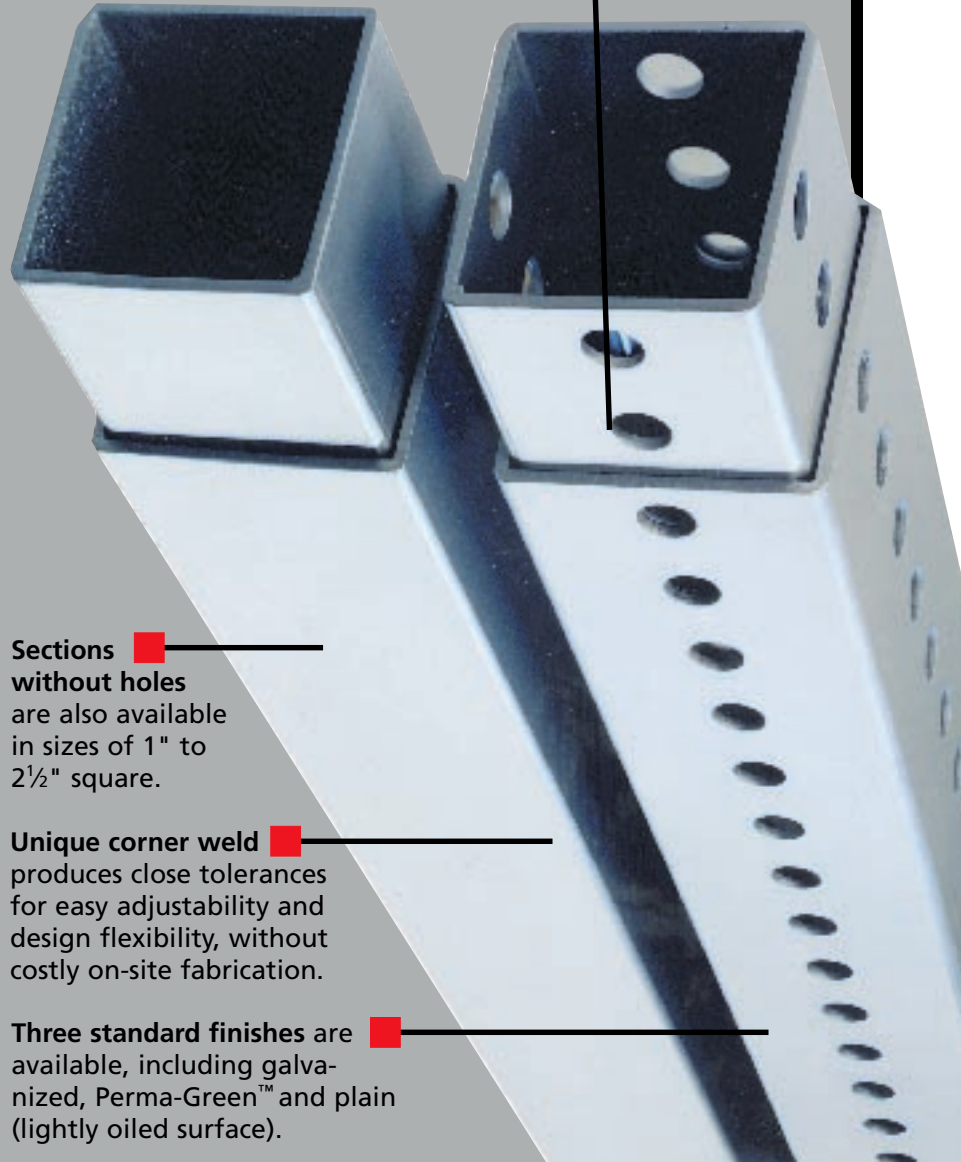
Spring loaded stop



Lock pin

See Illustrated Applications on Pages: 14, 16, 17, 19, 22, 24, 25, 39, 41, 43

Holes on 1" centers in telescoped sections remain in perfect alignment. Hole patterns on 1, 2, or 3 sides may be special ordered to meet your specific needs.

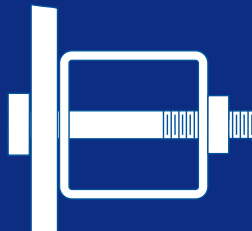


Sections without holes are also available in sizes of 1" to 2½" square.

Unique corner weld produces close tolerances for easy adjustability and design flexibility, without costly on-site fabrication.

Three standard finishes are available, including galvanized, Perma-Green™ and plain (lightly oiled surface).

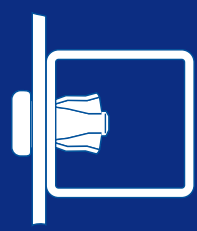
The versatility of three fastening options



Through bolts for routine fastening



Corner bolts prevent side wall deformation



Drive rivet for boltless connections

Look for this icon to identify Telestrut applications throughout this brochure.



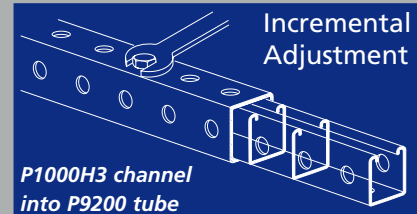
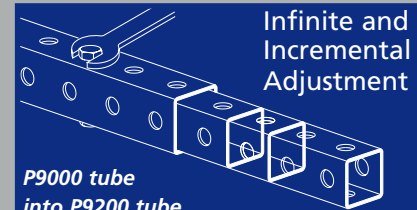
Three-sided channel and four-sided tubing, working together in one powerful support system.

By joining infinitely-adjustable three-sided channel with incrementally adjustable, pre-punched four-sided tubing, the Telestrut system can be telescoped, spliced, adjusted and re-used faster and easier than anything in its class. So you can design, build

and change support structures faster...and better...than you ever thought possible.

Efficient assembly with no welding, drilling or other time-consuming fabrication, plus five different fastening options...including a

rivet system for super-fast boltless fastening... gives you maximum project power. Other fasteners include the Unistrut spring nut and bolt, standard through-bolts and for temporary connections, a removable, self-locking gravity pin.



1 7/8" Tubing

Pipe Clamp

1 5/8" Channel

Flat Plate Fitting

90° Angle Fitting

Multi-Grip Rivet Connection

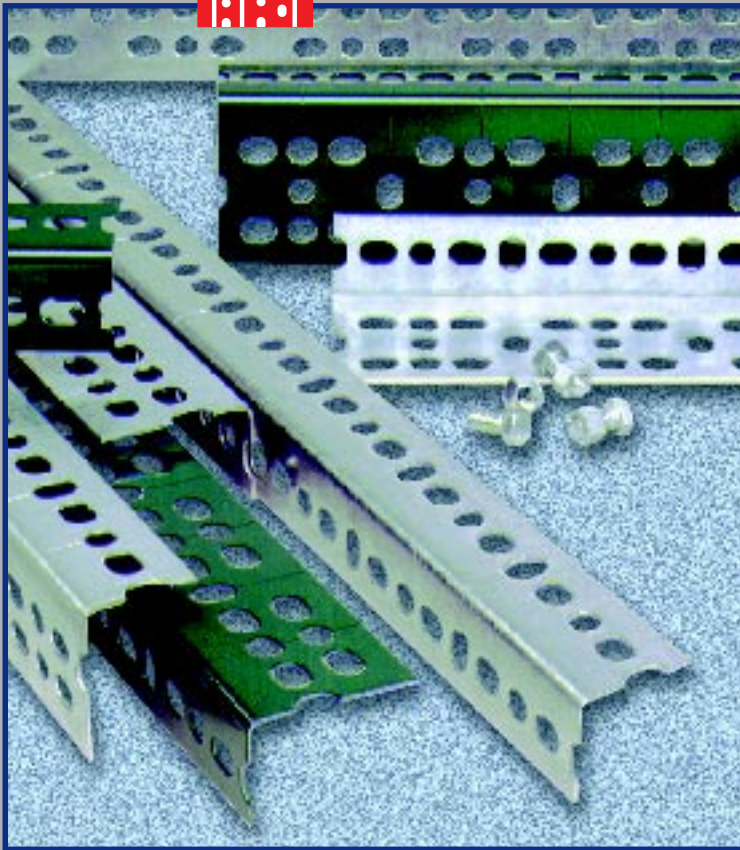
Gravity Pin Connection

See Illustrated Applications on Pages:
14, 15, 17, 19, 30, 39

Multi-Grip Rivet



Look for this icon to identify PrimeAngle applications throughout this brochure.



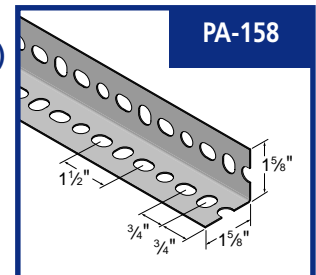
A complete support system that's versatile, economical, and easy to use.

- No drilling, welding or special tools necessary.
- Fast, efficient bolt-together construction.
- Easy to change and adjust.
- Cost-saving reusable materials.

With its standard 10' and 12' lengths, three strengths and two finishes, this Slotted Angle System fills a wide range of support needs and requires only a $\frac{9}{16}$ " wrench for assembly. Available in pre-galvanized and acrylic green finishes.

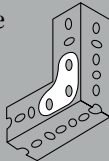
PA-158 Light-Duty ($1\frac{5}{8}$ " x $1\frac{5}{8}$ " x 14 Ga.)

For those jobs where extra strength is not necessary. Ideal for light-duty shelving or racking.



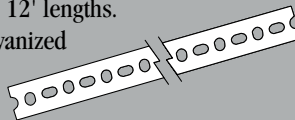
Gusset Plate PA-1GP ($2\frac{5}{8}$ " x $2\frac{5}{8}$ " x 14 Ga.) 25 per package

Three-hole corner plate reinforces right angle connections when additional strength is required.



Slotted Strap PA-1RP ($1\frac{5}{8}$ " x 14 Ga.)

Used to reinforce slotted angle sections. Hole pattern exactly matches hole pattern in slotted angles. Available in 10' and 12' lengths. Pre-galvanized finish.



Casters—PA-1RC (Rigid) and PA-1SC (Swivel) Two per package

Rigid and swivel designs for mobile equipment, with $\frac{3}{2}$ " diameter hard rubber wheels.

Casters are $4\frac{3}{4}$ " high, with mounting plate holes on 3" centers to match angle hole pattern. Each caster is load-rated at 225 lbs.

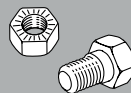


PA 1RC
Rigid



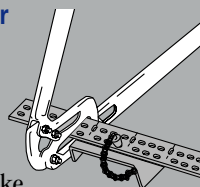
PA 1SC
Swivel

Extra Serrated Nuts and Bolts PA-1SNB ($\frac{3}{8}$ "-16 x $\frac{3}{4}$ ") 75 sets per package



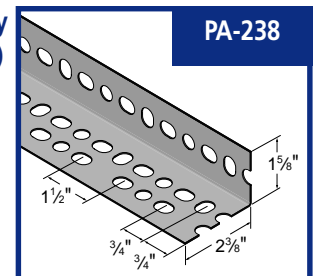
Portable Cutter PA-1HDC

The Portable Cutter cuts all three angle sizes with a single stroke. Cuts are clean, accurate and burr-free.



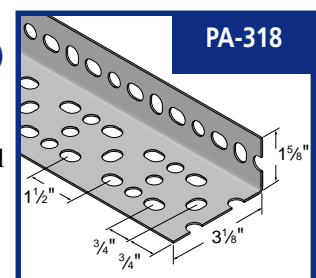
PA-238 Medium Duty ($1\frac{5}{8}$ " x $2\frac{3}{8}$ " x 14 Ga.)

Perfect for the majority of framing needs, including shelving, racking, and electrical or mechanical support jobs.



PA-318 Heavy Duty ($1\frac{5}{8}$ " x $3\frac{1}{8}$ " x 12 Ga.)

Suitable for balconies, ramps, large racks and shelving systems, as well as other structures with substantial load requirements.



See Illustrated Applications on Pages:

14, 15

Look for this icon to identify United Interlock applications throughout this brochure.

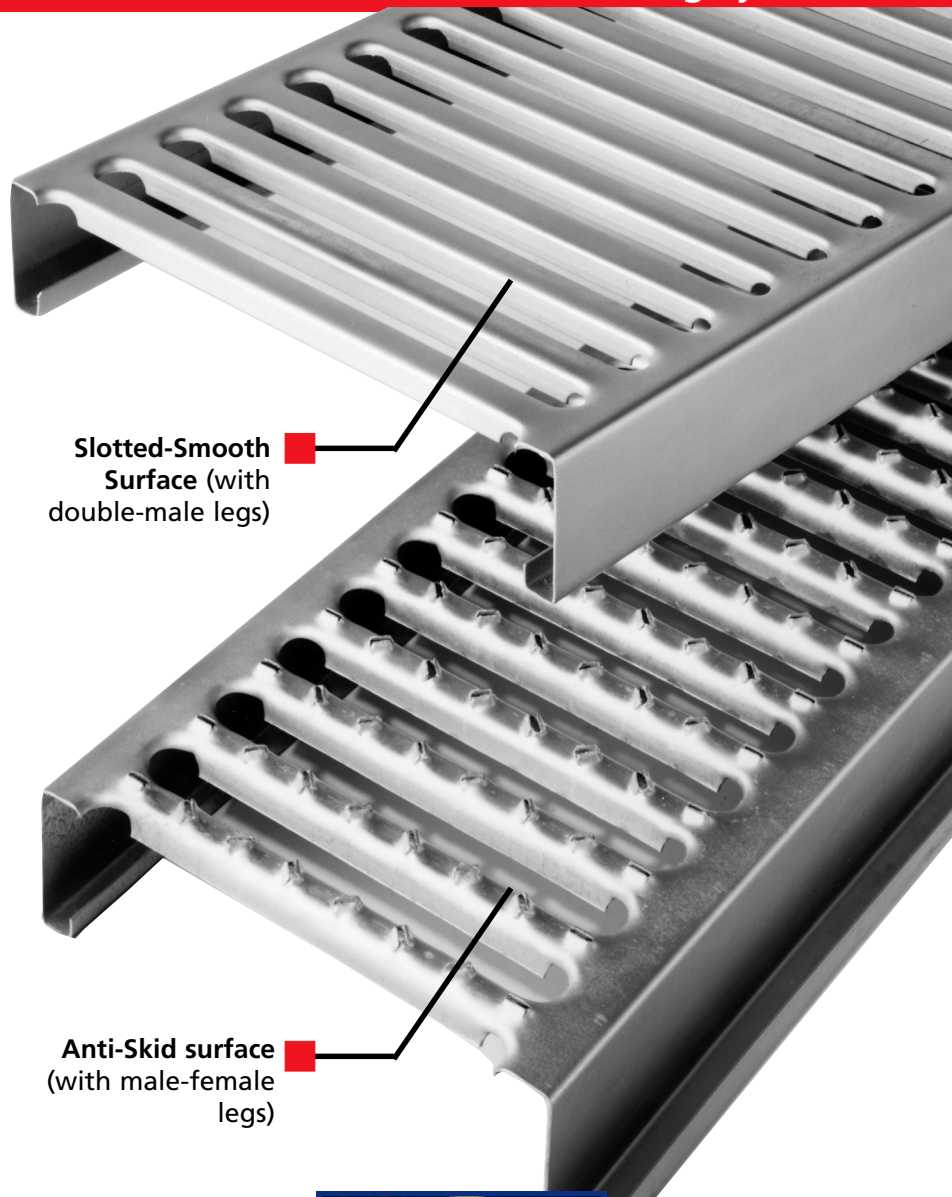


The snap-together plank grating with a high strength-to-weight ratio...for well-built projects that come together quickly.

Strong, lightweight, economical, and versatile, United Interlock Grating Systems provide important economy and safety advantages wherever people walk...from mezzanines, platforms and catwalks to stair treads, scaffolds, access ramps and rooftop walkways. And in combination with our metal framing systems, United Interlock planks are ideal for racks and other material handling applications.

Because the planks snap together with positive friction, welding and bolting can be minimized. And since United Interlock planks can be easily cut to size, shape and angle at the jobsite, it's simple to make on-the-spot modifications and adjustments.

United Interlock planks are available in 6", 9", and 12" widths, standard lengths of 20' and 24' with special lengths up to 30'. Two material gauges and three leg heights meet a wide range of load, space and budget requirements.



Slotted-Smooth Surface (with double-male legs)

Anti-Skid surface (with male-female legs)

- All sections made from structural-grade steel.
- Exclusive 360° anti-skid design, for maximum slip resistance.
- Roll-formed design provides superior strength.
- Open design admits light and air, prevents build-up of water, grease, oil and small debris.



See Illustrated Applications on Pages:
13, 16, 18, 35, 38, 39,
41, 42, 44

In this section you will find photos and information describing the following applications:

	Page
Bar-Stock Racks	19
Boxed Goods Racks	16, 18
Cable Dispensing Racks	19
Cantilever Racks	19
Conveyor Supports & Stands	14, 15
Custom Storage Racks	16, 17, 18
Ladders	17, 18
Material Feed Devices & Supports	14, 15
Mezzanines	13, 16, 18
Mobile Racks	17, 19
Overhead Racks	18
Pallet Racks	16, 18
Parts Crib	13
Parts Rack	13
Rolling Cart	15
Stairways	13, 16
Shelving	13, 18
Trolley Systems & Supports	19
Work Tables	13

You will find the following related applications in other sections of this brochure as shown below:

Handrails	42, 43
Material Feed Stands	24
Shelving Supports	37
Trolley Systems & Supports	23, 43

For information on similar Material Handling applications, such as those listed below contact your local Unistrut Service Center or Call 1-800-521-7730 (U.S.) or 1-800-267-4959 (Canada)

A-Frame Racks	Lumber Racks
Animal Cage Racks	Medical Records Storage
Barrel Racks	Paint Storage Racks
Carpet Storage Racks	Plan Holders
Clothing Racks	Plywood Storage
Drive-In Racks	Tire Racks
Flat Stock Storage Racks	Tool Crib
Glass Storage Racks	Truck Racks



IN-PLANT STRUCTURES



Work Tables, Parts Crib

Multi-use projects are easily accomplished with Unistrut Metal Framing components, as can be seen in this installation combining parts crib, storage racks and work tables.



Parts Rack and Service Counter

This integrated structure includes storage racks, lighting supports and service counter, all fabricated from Unistrut Metal Framing without welding or drilling.



Stair treads are secured to Unistrut stringers with pre-formed bolt-on fittings.

Mezzanine, Stairs

Mezzanine, stairway and integrated storage racks are all fabricated with adjustable Unistrut Metal Framing components. Stair treads and mezzanine decking are made from United Interlock grating.



MATERIAL FEED DEVICES & SUPPORTS



Material Feed Stand

A production cutting operation utilizes an adjustable framework made from Telespar tubing to support stock being positioned for cutting.



Adjustable Material Stand

A gravity conveyor is supported by a multi-purpose, adjustable material stand made from Unistrut Metal Framing and Telestrut Telescoping Strut.



Saw Horse



A wood 2x4 slips into place to complete assembly of this sturdy saw horse/material support made from PrimeAngle slotted angle.



Standard casters can be readily adapted to Telespar adjustable legs.



Parts Feed Cart

This mobile parts feed cart provides the rugged performance and adjustability typical of material handling devices fabricated from Telespar square tubing.



Band Saw Material Feed Supports

With other materials, this support framework would take precise planning, careful measuring and costly, time-consuming welding. Unistrut Metal Framing ends those problems forever.



Reel Rack



This custom reel rack was easy to design and build using just one basic size of PrimeAngle slotted angle.

Rolling Cart



This rolling cart includes drop-in plywood shelves and heavy-duty casters that bolt directly to the metal framing.

Compatible casters offer a simple way to create mobile equipment using Unistrut Metal Framing.



Adjustments are made by loosening bolt connections and telescoping Telestrut sections to achieve desired dimension.



Conveyor Support



This conveyor support structure, made entirely from Telestrut components, is engineered to provide infinite adjustment in both width and height, making it adaptable to a wide range of conveyor styles and sizes.

RACKS AND MEZZANINES



Storage Racks

Easy adjustability and quick, efficient fabrication without welding or drilling make Unistrut Metal Framing an ideal system for custom racks and shelving of all kinds.



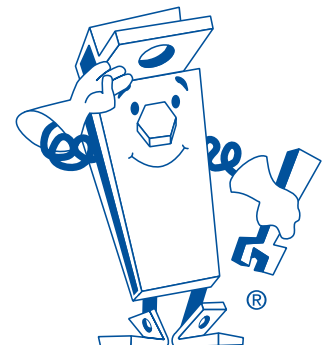
Pallet Racks

These pallet racks were fabricated from solid and perforated Telespar tubing with Unistrut Metal Framing cross members.



Warehouse Mezzanine

This mezzanine floor was fabricated with United Interlock Grating, making assembly fast and efficient.

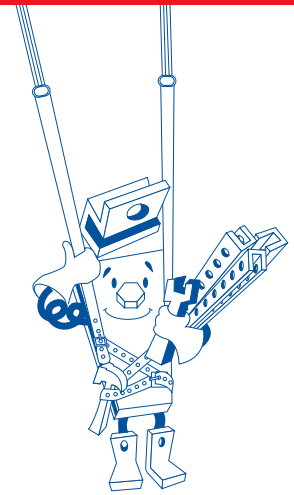


Adjustable leg height allows precise adjustment of each leg to accommodate floor irregularities.



Adjustable Rack

This specialty rack, fabricated from Telestrut components, can be adjusted to handle a variety of boxes, small pallets and other items.



Mobile Wire Harness Rack

With Unistrut Metal Framing, mobile racks can be custom built to match virtually any product configuration or material handling need.



Integrated Ladder, Racks and Service Platform



This unique installation demonstrates a key point: No other support system can make better use of available space than Unistrut Metal Framing.



Extra-strength fittings provide slip-proof connections between ladder rungs and side rails.



RACKS AND MEZZANINES



Suspended Pallet Rack

Prefabricated back-to-back Unistrut channel sections form the outside rails of this pallet storage platform, which is suspended from the ceiling with Unistrut Metal Framing verticals.



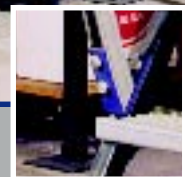
Shelving and Mezzanine Supports

Multi-purpose shelving made from Unistrut Metal Framing is tied into an overhead deck, which utilizes United Interlock grating and back-to-back Unistrut cross members for extra support.



Parts Storage Rolling Ladder

This rolling ladder, custom fabricated from Unistrut curved and straight channel sections, also features anti-slip stair treads made from United Interlock grating. Storage racks are made from standard Unistrut channel and fittings.



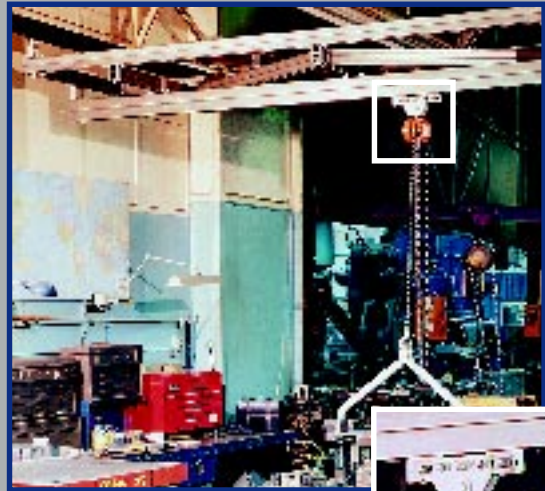
Securing the curved channel handrail to stair stringer is fast and easy with pre-formed Unistrut angled fittings.

SPECIALTY SUPPORTS



Rolling Bar-Stock Rack

This rolling bar-stock rack features cantilevered brackets that can be quickly adjusted to accommodate changing stock requirements.



Die-Handling Trolley System

This die-handling system makes use of back-to-back Unistrut channel track sections and ball-bearing trolleys to produce an overhead support structure with movement in two directions.



Unistrut trolleys are designed to ride on the in-turned edges of Unistrut channel, providing mobile support of up to 600 lbs. per trolley assembly.



Adjustable Cable-Dispensing Rack

This rack is expandable in three directions, a feature unique to structures made from Telestrut Telescoping Strut.



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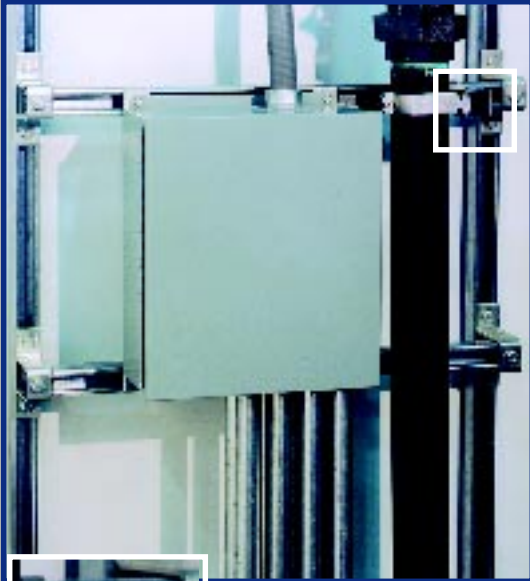
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For information on similar General Support applications, such as those listed below, contact your local Unistrut Service Center or Call 1-800-521-7730 (U.S.) or 1-800-267-4959 (Canada)

Distillation Frames	Hoist Frames
Drilling Stands	Monitor Stands (Supports)
Drilling Machine Supports	Service Columns
Equipment Guards	Sliding Door Supports
Equipment Stands	Welding Machine Supports
Hydraulic Equipment Supports	Wind Tunnel Baffle Supports



EQUIPMENT MOUNTS



Clamps are easily inserted into open channel slot and are drawn tight against the in-turned channel edges as clamp is tightened around pipe.



Electrical Box Support

Add-ons and changes are fast and easy with the Unistrut system, shown here supporting an electrical junction box and varying sizes of pipe and conduit.



Overhead Rectifier Support

Prefabricated back-to-back Unistrut sections provide plenty of beam strength for this rectifier.



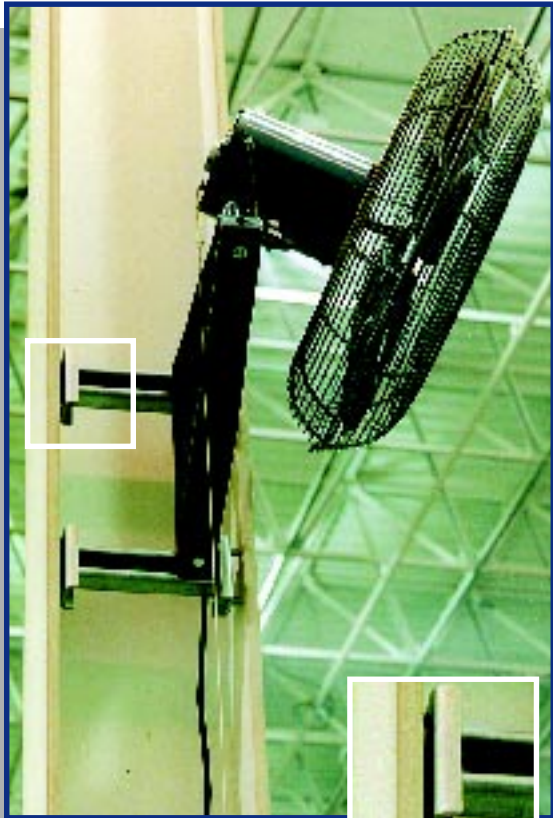
Equipment Transformer Support

Hundreds of fittings allow quick fabrication of custom supports, such as the heavy-duty brackets providing support for this transformer box.



Panel Board Support

This panel board is framed by Unistrut sections and supported on Unistrut posts, which fit into special post bases permanently anchored in concrete.



Inside Column Mount

Unistrut inside column mounts provide instant attachment points for small equipment like this fan.



When tightened cone-point bolts dig into sides of I-beam, providing fast, non-slip support.



Adjustable Support

A Telespar telescoping support attached to an overhead Unistrut grid permits this fan to be raised or lowered as conditions require.



Air Tank Supports

Air tanks and similar equipment can be contained, supported and protected with standard Unistrut Metal Framing components.



Transformer Mounts

Extra size and weight are no problem for Unistrut Metal Framing. These equipment boxes were mounted quickly and easily without welding, drilling or special tools.



OVERHEAD SUPPORTS

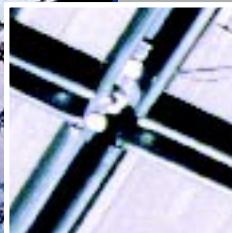
Multi-Use Overhead Support Grid

Unistrut sections can be dropped directly from structural members to form supporting framework that provides attachment potential in both vertical and horizontal planes.



Ceiling Grid With Duct Work

Unistrut ceiling grids can be suspended from virtually any overhead structure to provide support for a variety of service equipment, such as this HVAC duct work.



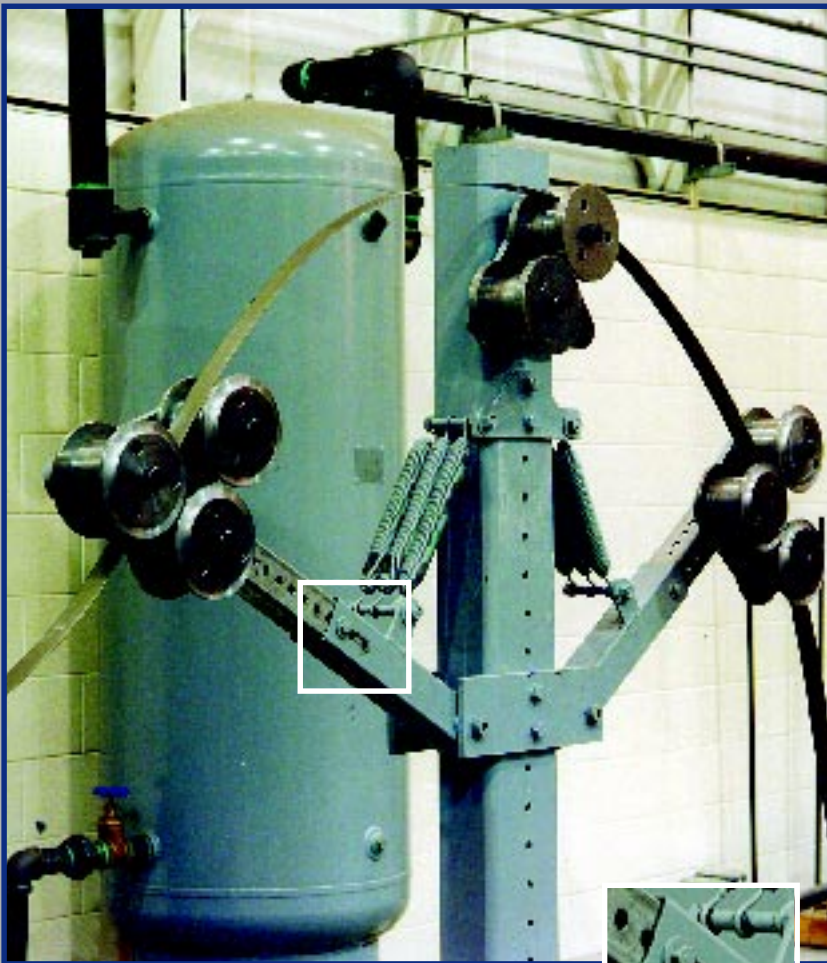
Special fittings make short work of intersecting connections.

Trolley System

Unistrut channel sections, special fittings and ball-bearing trolleys form an ideal system for suspending mobile equipment like these pneumatic carton staplers.



SPECIALTY SUPPORTS

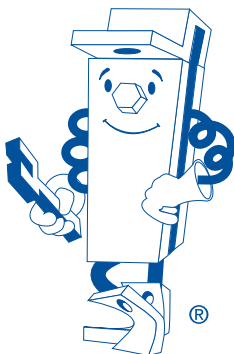


Feed Mechanism For Steel Strip

This material feed assembly is made from Telespar square tubing, which provides the incremental adjustment needed to match material flow to machine cycle speed.



Telespar sections telescope to provide fast, repeatable adjustment.



Adjustable Testing Jig

This testing jig, made completely from Unistrut Metal Framing, is fully adjustable, allowing the user to check squareness and fit for windows and doorwalls of various sizes.



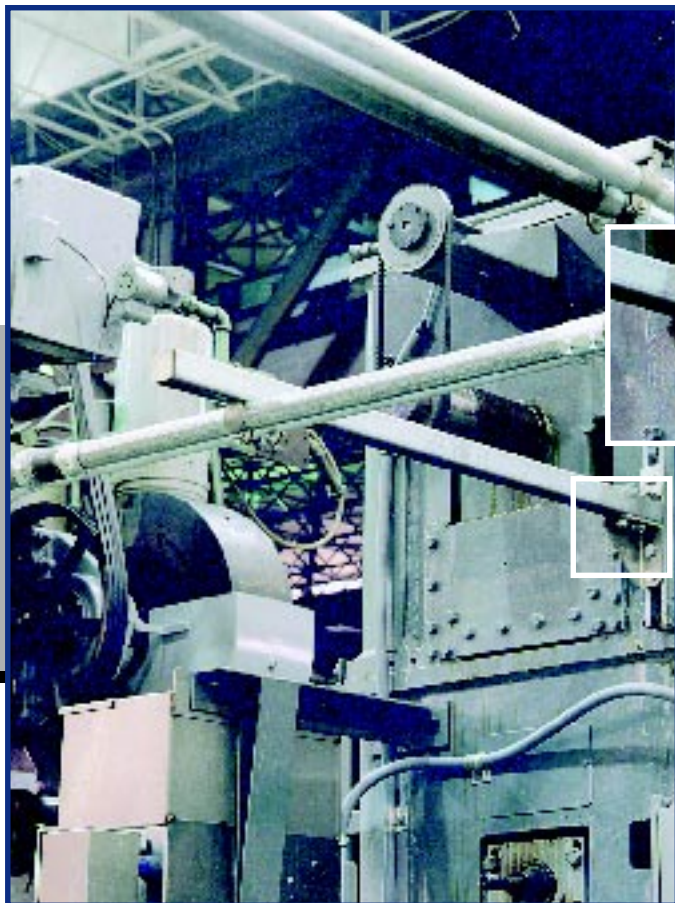
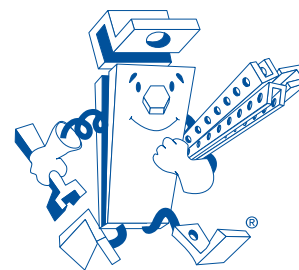
Roller height can be easily adjusted to change feed tension.



Steel Strip Material Feed

This assembly, made from Telespar tubing, provides a simple method of adjusting tension and slack for a small strip-feed blanking operation.



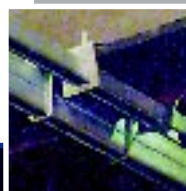


Unistrut heavy-duty fittings provide extra strength where support can be provided at one end only.

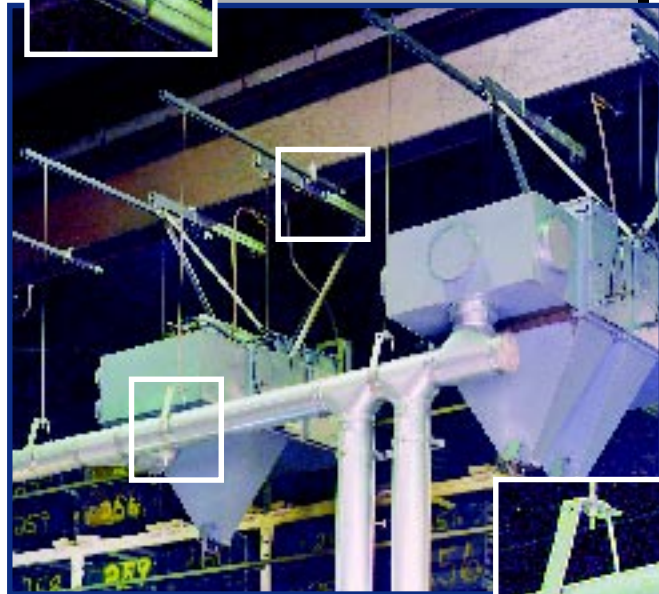


Machine-Mounted Conduit Support

No matter where support is needed, Unistrut Metal Framing is equal to the challenge, as shown in this machine-mounted conduit support.



Unistrut beam clamps secure channel sections, which provide horizontally adjustable supports for suspended duct work.



Easy-to-install Unistrut J-hangers come in sizes to fit pipes, conduit or round duct work up to 8" in diameter.

Round Duct Supports

Unistrut Metal Framing, threaded rod and Unistrut J-hangers combine to provide adjustable support for this industrial exhaust system.



Final adjustment can be made after all components are in place, to assure precise horizontal alignment.



Overhead Support System

A Unistrut trolley system designed to support heavy equipment is suspended by heavy-duty adjustable drops fabricated from Telespar tubing.

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For information on similar Utility Support applications, such as those listed below, contact your local Unistrut Service Center or Call 1-800-521-7730 (U.S.) or 1-800-267-4959 (Canada)

Cable Vault Supports	Seismic Bracing
Pipe Expansion Supports	Sprinkler System Support
Pipe Trestles	Switch Gear Support
Raceways	



MECHANICAL/HVAC SUPPORTS



Tunnel Stanchions For Steam Lines

Heavy steam lines require strong, dependable support, a job perfectly suited to Unistrut Metal Framing.

Ceiling Grid With Lighting Supports

This Unistrut grid effectively supports a variety of overhead service, including both lighting and air-handling duct work.



Rollers bolt to channel, allowing effective pipe movement.



Steam Lines On Pipe Rollers

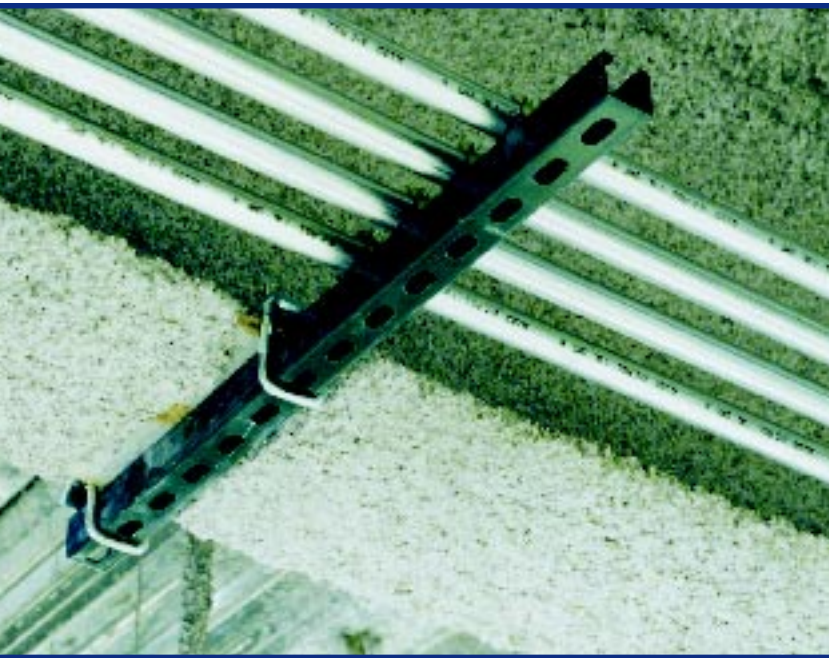
Rollers on Unistrut channel keep large pipes in place while allowing for pipe expansion and contraction as temperatures change.

Duct Work Supports

Versatility allows Unistrut Metal Framing to turn any three-dimensional space into a multi-use support environment.

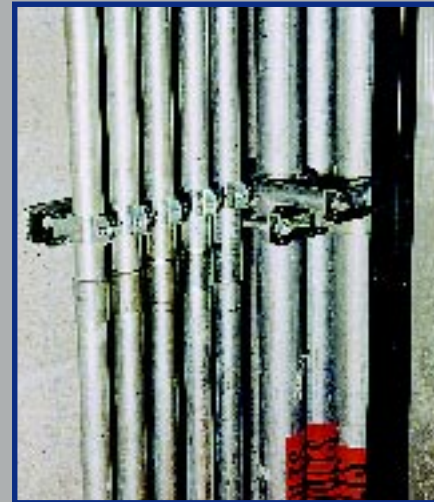


ELECTRICAL SUPPORTS



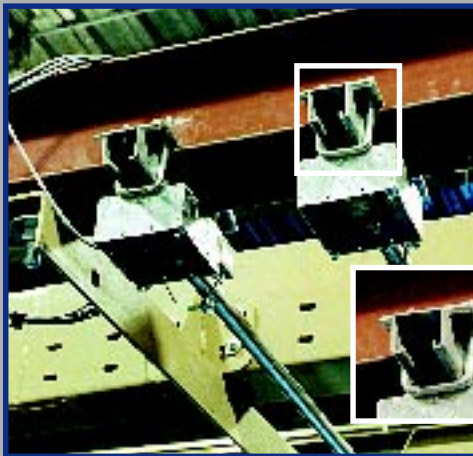
Cantilevered Conduit Supports

Easy-to-install Unistrut beam clamps and channel provide strong cantilevered support for this conduit run.



Wall-Mounted Conduit Supports

Wall-mounted Unistrut channel and pipe clamps work together to provide an ideal support system for this vertical conduit run.



Conduit and Junction Box Supports

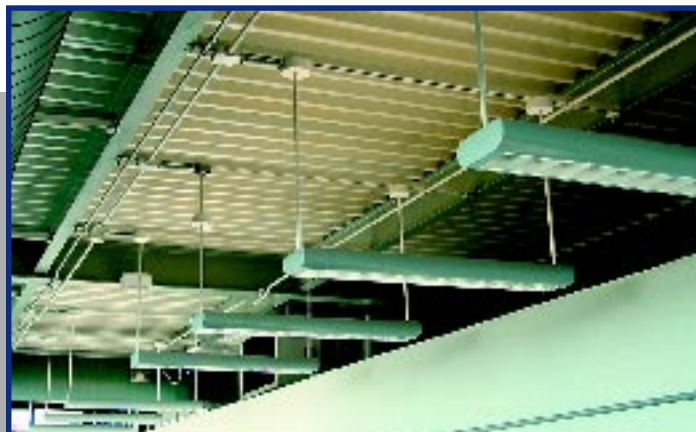
Unistrut channel and beam clamps adapt to a variety of support requirements such as these junction boxes at the end of a conduit run.

Beam clamp slips on channel and over lip of I-beam to produce a strong friction grip.



Lighting Support

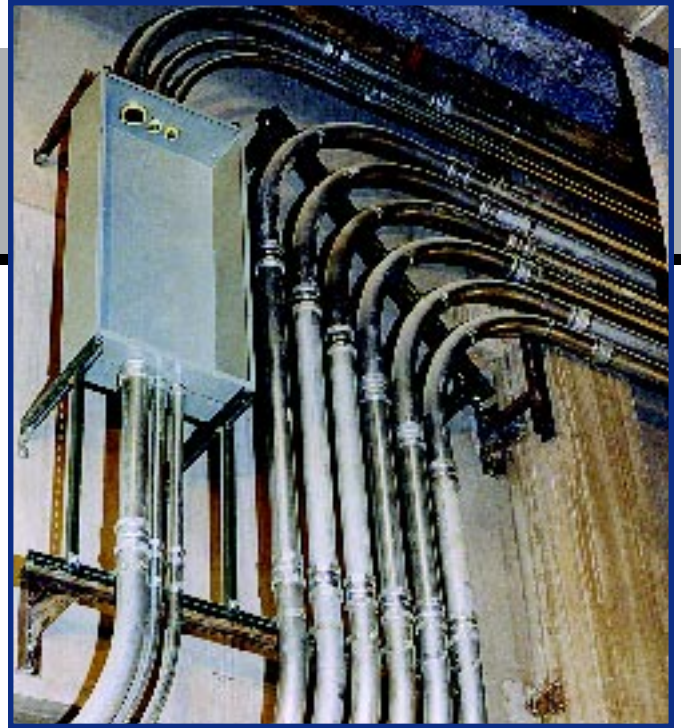
Beam mounted channel provides support for the lighting system as well as, an electrical raceway for the fixtures.





Conduit and Junction Box Supports

Cut-to-length Unistrut channel sections accommodate any number of side-by-side pipe or conduit runs.

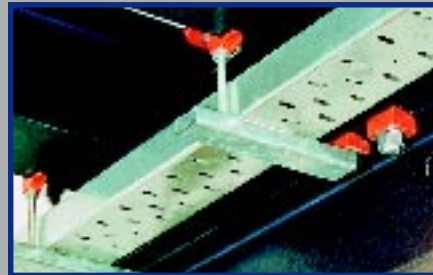


Two-piece pipe clamps install in seconds with just a screwdriver.



Wall-Mounted Conduit Supports

Easy-to-install Unistrut pipe clamps provide solid, permanent support, yet can be removed easily when changes are needed.



Beam-Mounted Cable Tray Supports

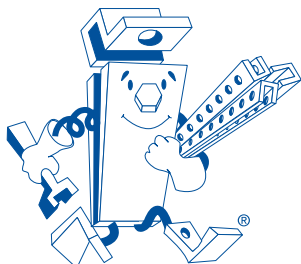
Cable tray is supported on a Unistrut trapeze-style hanger suspended from beam clamps.



Beam-Mounted Busway Supports

Various component types, sizes and configurations can be quickly and easily secured with the Unistrut system.

Easy-to-use Unistrut beam clamps slip on channel and over lip of I-beam.

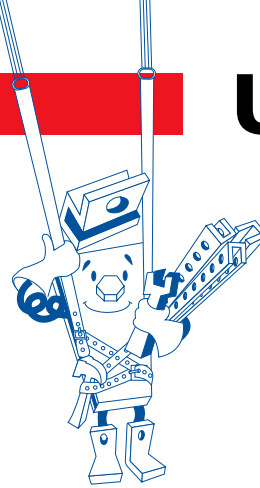


Utilities Support

Unistrut channel is secured between support beams with easy-to-use beam clamps. Conduit and other pipe runs can be attached anywhere along the channel.



ELECTRICAL SUPPORTS



Adjustable Trapeze Hanger

Adjustability inherent in the Telestrut system lets the user change trapeze hanger length without cutting or additional fabrication.



Boltless connection system makes use of a special Telestrut rivet to connect sections with a quick hammer blow.



Heavy-Duty Trapeze Hanger



This Telestrut trapeze hanger features channel sections on both top and bottom to provide added strength and extra support versatility.



Beam clamp accepts standard threaded rod.



Trapeze Hangers for Conduit Support

Trapeze hangers made from Unistrut channel suspended from Unistrut beam clamps provide dependable support for this conduit run.



Trapeze Hanger With Vertical Risers

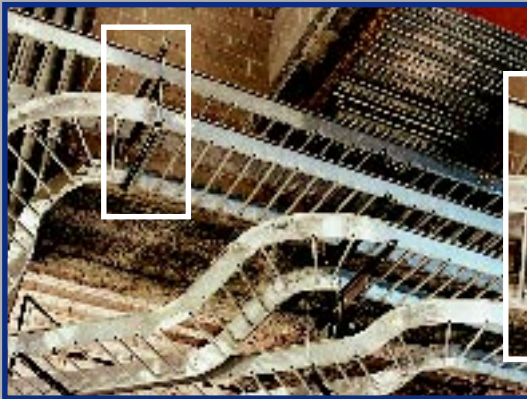
This versatile trapeze hanger makes use of the telescoping capabilities of the Telestrut system to provide support for both horizontal and vertical conduit sections.

CABLE TRAY SUPPORTS



Multi-Tier Cable Tray Supports

Because Unistrut brackets can be positioned at any point along the channel, they provide ideal supports for this multi-tier cable tray installation.



Unistrut components make an ideal two-level trapeze hanger for support of multi-layer cable tray.



Cable Tray Supports

The Unistrut system provides support solutions to match the many twists and turns of this cable tray installation.

Wall-Mounted Cable Tray Supports

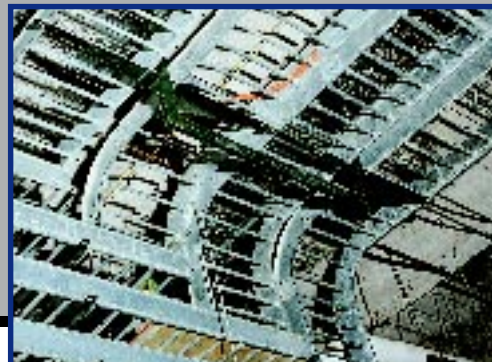


Using conventional fastening methods, this Unistrut channel and bracket assembly is attached directly to a block wall.



Cable Tray Brackets

Unistrut Metal Framing and brackets form an ideal cable tray support system where tight quarters require maximum support and flexibility in minimum space.





SPECIALTY UTILITY SUPPORTS



Stand-Off Conduit Support

Special situations require a system with built-in flexibility. Here, Unistrut Metal Framing is used to fabricate a stand-off support for a run of large-diameter conduit.



Wall-Mounted Pipe Supports

A combination of embedded and surface-mounted sections, plus a variety of bracket, clamps and fittings, give this Unistrut installation unlimited versatility.



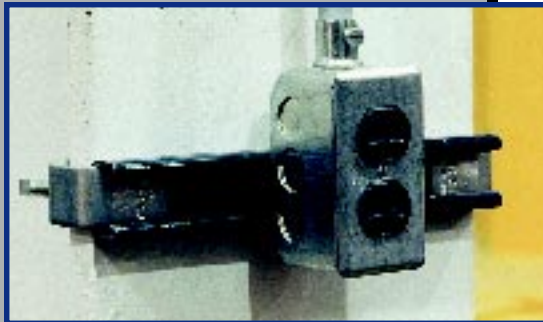
Wall-Mounted Supports For Fluid Power Lines

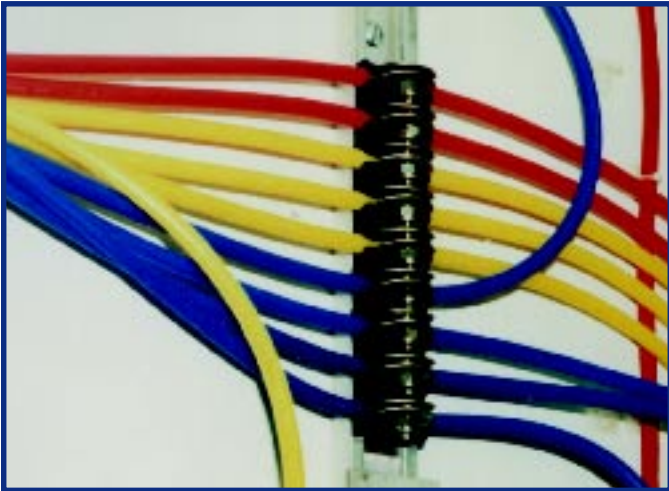
Unistrut channel, combined with special vibration-damping clamps, provides strong support for these fluid power lines.



Outside Column Mount

Securing this outlet box was fast and easy, thanks to the Unistrut outside column mount, which adapts to any size I-beam.





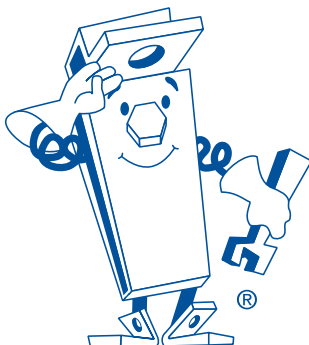
Flexible Tubing Supports

These pneumatic lines are secured to wall-mounted Unistrut aluminum channel with special clamps that hold lines in place without damage or distortion.



Wall-Mounted Pneumatic Tubing Supports

Varying pressure in these lines causes expansion and contraction, which is absorbed by the cushioned clamps attached to Unistrut channel.



Hydraulic Systems Supports

Hydraulic lines are subject to small vibrations that can loosen conventional support components. Unistrut Metal Framing, in combination with vibration-damping pipe clamps, is the answer.



Hanging Pipe Support

A large exhaust duct is suspended from this I-beam with Unistrut threaded rod beam clamps.

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For information on similar Plant Facilities & Supports applications, such as those listed below contact your local Unistrut Service Center or Call 1-800-521-7730 (U.S.) or 1-800-267-4959 (Canada)

Access Ramps	Privacy Fences
Canopies	Scaffolding
Catwalk-Floor Supported	Welding Booths
Fence Post	Welding Screens (Shields)
Grating Connectors	Supports
	Wire Partition Supports



ROOFTOP WALKWAYS



Rooftop Walkways

These Roofwalks® Rooftop Walkways have been sloped to clear a rooftop obstruction.



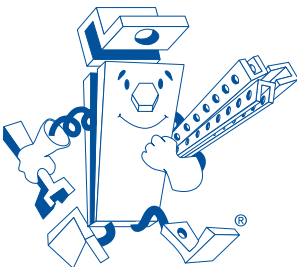
Rooftop Walkways

Preventing costly damage to roof surfaces is a major advantage of these Roofwalks® Rooftop Walkways, which provide safe access to rooftop equipment.



Rooftop Walkways

Specially engineered fittings and fasteners allow attachment of Roofwalks® walkways to standing-seam metal roofs, which are highly susceptible to pedestrian damage.



CEILING GRIDS



Ceiling Grid

Drops for this grid are fabricated from threaded rod suspended from Unistrut channel, which is attached to the roof structure with Unistrut beam clamps.



Ceiling Grid

This versatile grid provides solid support for everything from lighting to air-handling duct and water lines.



Ceiling Grid Detail

With hundreds of fittings and attachment options, grids made from Unistrut components adapt easily to structural obstructions like this large support column.



Drops and Supports For Metal Ceiling

Unistrut components provide plenty of strength to support these metal ceiling panels. Heavy-duty drops are made from Unistrut channel and attached to overhead I-beams.



LABORATORY SUPPORTS

Laboratory Casework Framing

Clean lines, durability and adjustability are all part of this laboratory casework made from Unistrut Metal Framing.



Laboratory Furniture Supports

Cantilevered shelving is supported by fully adjustable Unistrut brackets. Note: built-in under-shelf lighting.

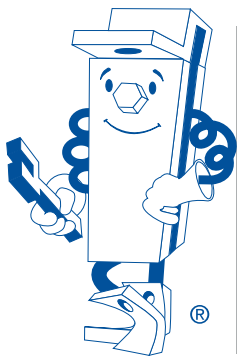


Laboratory Equipment Frames

Unistrut Metal Framing provides the adjustment and support options for this versatile laboratory framework.



Heavy-duty brackets are simple to adjust and will support up to 250 lbs.



SPECIALITY APPLICATIONS



Riser

This custom riser was quick and easy to build using wood planking secured to a framework made from PrimeAngle™ slotted angle.



Simple nut-and-bolt assembly and convenient right-angle design are ideal for forming secure perpendicular connections.



Workbench

Plywood planking and heavy-duty pegboard are quickly attached to PrimeAngle sections, which form the framework for this easy-to-build workbench.



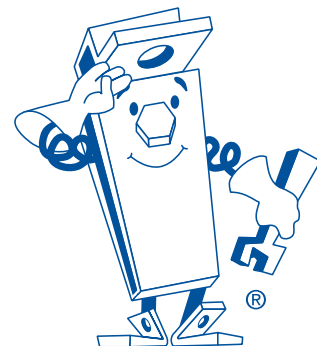
Drafting Table

Easy-to-cut PrimeAngle sections with pre-formed slots and holes made construction of this drafting table quick and simple.



Step Stool

United Interlock grating and PrimeAngle slotted angle come together to form this rugged and convenient shop step stool.



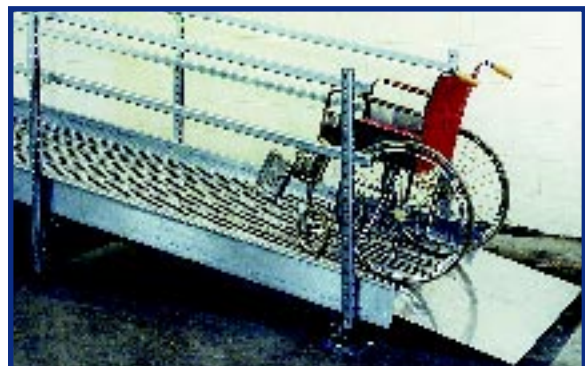
Overhead Platform Support

Channel sections with high load bearing capabilities make the Unistrut Metal Framing System ideally suited to heavy-duty applications like the supporting structure for this overhead platform.



Work Station Framing

Unistrut Metal Framing is the logical choice where multiple support requirements must be met with a single framework, such as this work station which integrates lighting, power distribution and a tool trolley system.



Layout Table



This layout table, made from telescoping Telespar sections, can be raised or lowered, as needed.



Handicap Ramp

Handicap ramps, made from United Interlock grating, with handrails of Unistrut Metal Framing and Telestrut Telescopic Strut, help meet universal access regulations.

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For information on similar Safety applications, such as those listed below, contact your local Unistrut Service Center or Call 1-800-521-7730 (U.S.) or 1-800-267-4959 (Canada)

Barricades
Guardrails
Machinery Guards
Noise Barriers
Truck Side Guards



NON-SLIP SURFACES

Portable Platform

The portable platform is made entirely from United Interlock Grating. Sides are formed from un-punched sections, while the top surface is made with non-slip grating.



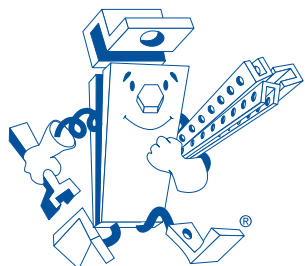
Machine Platform, Handrail

This platform made from United Interlock Grating, provides a safe, slip-resistant walking surface free from the oil build-up that can make ordinary surfaces slick and dangerous. Handrail is made from Telespar tubing.



Non-Slip Grating

This United Interlock mezzanine surface features an open, non-slip design that also prevents accumulation of spills and debris.



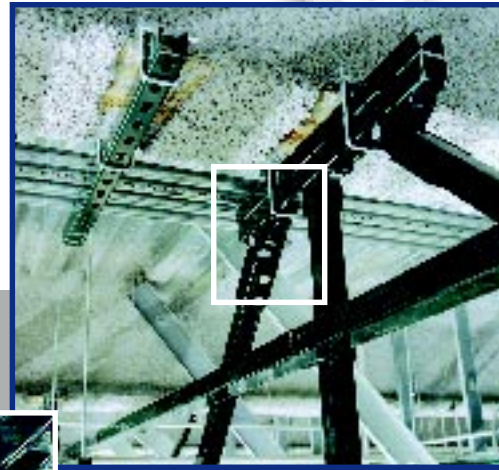
CATWALKS



Catwalk Supports



With Unistrut gridwork already in place, this catwalk with its United Interlock grating walkway and Unistrut handrails, was an easy addition.



Catwalk Support Detail

Catwalk support diagonals are attached to Unistrut channels with adjustable braces that pivot to form any angle required.



Catwalk and Handrail

United Interlock grating forms a high-strength, lightweight walkway that allows air and light to pass through. Handrails are made from Unistrut channel.

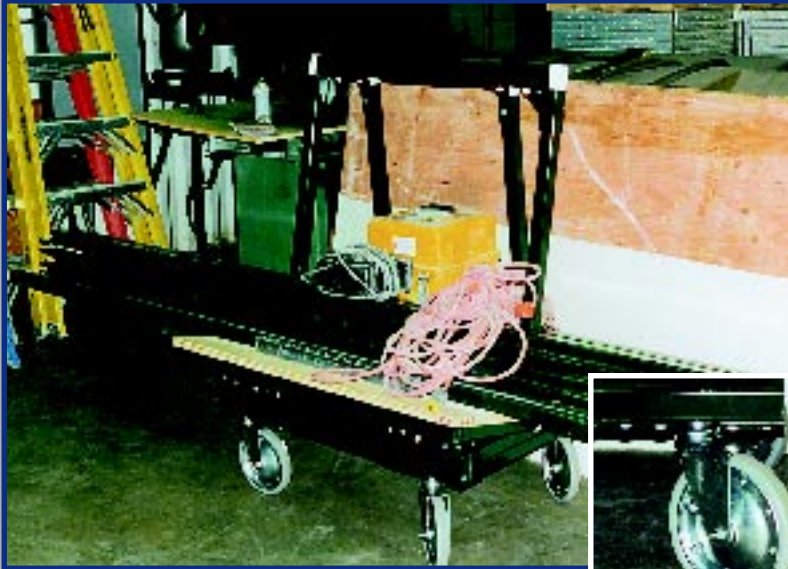


Overhead Walkway

Back-to-back Unistrut channel is ideal for these guardrails that protect workers using this overhead walkway system made from United Interlock grating.



SPECIALTY APPLICATIONS



Drywall Cart

This drywall installation cart, constructed from channel, uses channel wheels to allow easier movement at the job site.



The specially designed channel wheels attach using a channel insert.



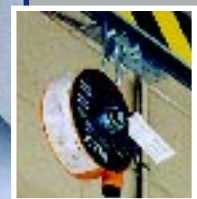
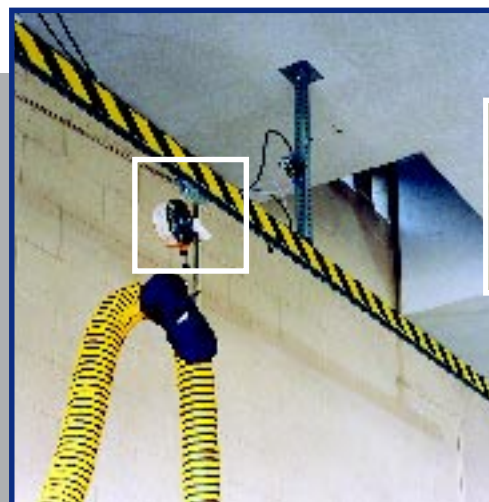
Guardrail

This guardrail, fabricated from standard Unistrut components, protects employees working on raised production staging platform.



Sign Support

Telespar telescoping square tubing makes an ideal support system for grounds signage like this handicap parking sign.



Cable reel is attached directly to a Unistrut trolley, which rides along in-turned channel edges.

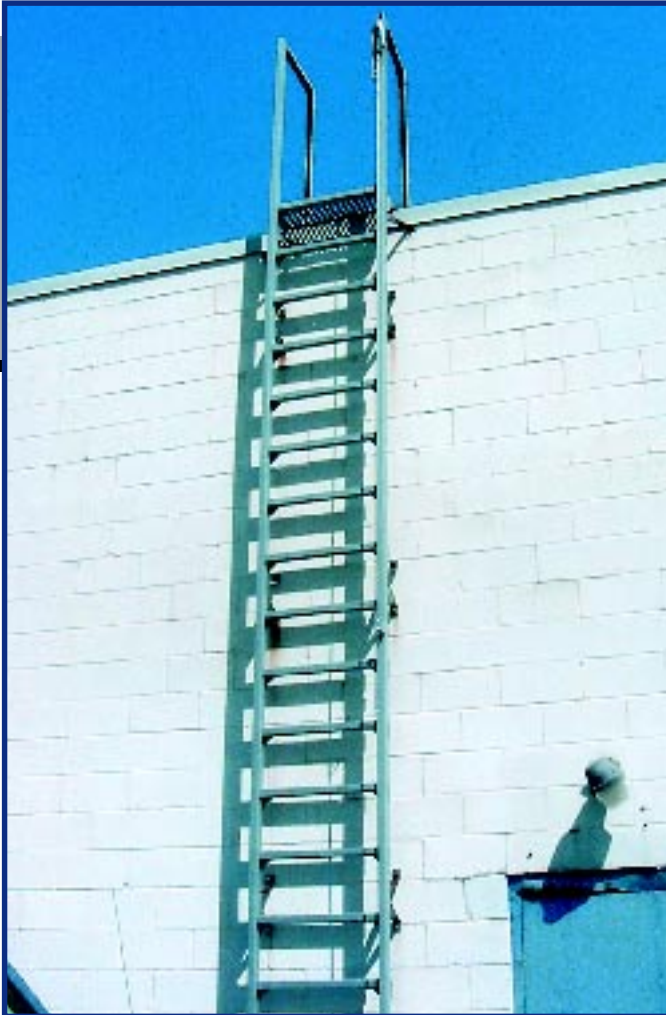


Vehicle Exhaust Release System



This trolley system made from channel attached to Telespar drops, supports flexible duct attached directly to vehicle exhaust during testing and maintenance procedures.

SPECIALTY APPLICATIONS

**Building Ladder**

Unistrut provides support and compatibility. Channel and fittings are used to fabricate rungs and attach the ladder to the wall. The assembly is completed with a United Interlock Grating top platform.

**Rooftop Safety Walkway**

Unistrut channel and United Interlock Grating are used to create a rooftop walkway with handrails. The roofwalk protects the roof and provides a safe walkway for pedestrians and workers.



UNISTRUT

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Unistrut Corporation

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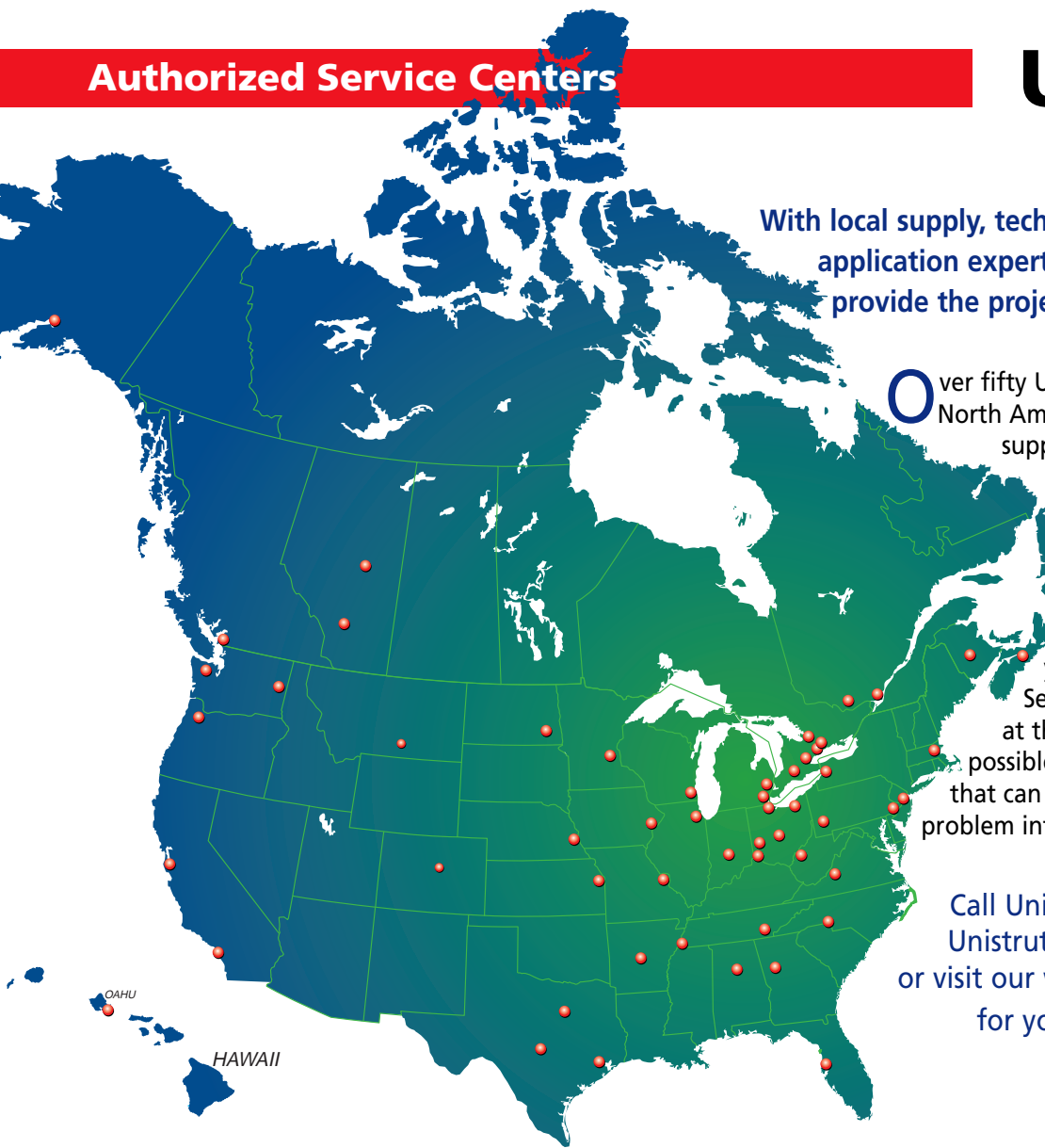
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With local supply, technical assistance, and application expertise, Unistrut Service Centers provide the project support you need.

Over fifty Unistrut Service Centers across North America add value to Unistrut support systems by providing local product inventories for fast supply, plus complete application assistance and installation help, when needed.

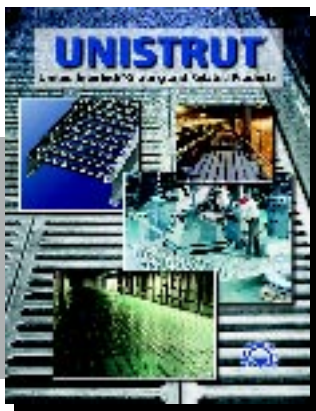
Whatever Unistrut system you're using, your Unistrut Service Center will help you arrive at the best solution in the shortest possible time. It's the kind of support that can turn your toughest support problem into a job well done.

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Product Information

Unistrut® Corporation offers separate product literature that more fully presents each of the support systems shown in this brochure. These catalogs and brochures provide a high level of descriptive and technical information that helps solve a wide variety of support problems. They are available from your local Unistrut Service Center, by calling Unistrut Corporation Toll-Free at 1-800-521-7730.



Unistrut® Metal Framing

The Unistrut® Metal Framing General Engineering Catalog is a 282-page comprehensive reference tool containing hundreds of product drawings, plus complete descriptive and technical support information.

Unistrut® Interlock Grating Systems

The United Interlock® Plank Grating System can be used for flooring, walkways, mezzanines, stair treads, architectural wall coverings and more. This 20-page brochure includes applications, installations and product features, with special attention to gauges, surfaces and finishes.



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