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.

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® 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.

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.
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.
Support Systems

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.
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Unistrut® Metal Framing

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.

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.

3 Insert bolt through fitting and into the spring nut.

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.

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
Telespar® Telescopic Tubing

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 1 1/2” to 2 1/2” 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.

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

Dimpled fittings provide automatic alignment and require fewer bolts.

Sections without holes are also available in sizes of 1” to 2 1/2” 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

See Illustrated Applications on Pages: 14, 16, 17, 19, 22, 24, 25, 39, 41, 43
Three-sided channel and four-sided tubing, working together in one powerful support system.

By joining infinitely-adjustable three-sided channel with incrementally adjustable, prepunched four-sided tubing, the Telestrut system can be telescoped, spliced, adjusted and reused 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.
UNISTRUT

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 ¾” wrench for assembly. Available in pre-galvanized and acrylic green finishes.

**PA-158 Light-Duty**

(1½” x 1½” x 14 Ga.)

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

**PA-238 Medium Duty**

(1¾” x 2¾” x 14 Ga.)

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

**PA-318 Heavy Duty**

(1¾” x 3½” x 12 Ga.)

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

---

**Gusset Plate**

PA-1GP (2½” x 2½” x 14 Ga.)

25 per package

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

**Slotted Strap**

PA-1RP (1½” 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.

**Extra Serrated Nuts and Bolts**

PA-1SNB (¾”-16 x 3/4”)

75 sets per package

**Casters—PA-1RC (Rigid) and PA 1SC (Swivel)**

Two per package

Rigid and swivel designs for mobile equipment, with 3½” diameter hard rubber wheels.

Casters are 4½” high, with mounting plate holes on 3” centers to match angle hole pattern. Each caster is load-rated at 225 lbs.

**Portable Cutter**

PA-1HDC

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

See Illustrated Applications on Pages: 14, 15
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.

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

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

To Make Fast Work of Your Project, Call 1-800-521-7730 (U.S.) or 1-800-267-4959 (Canada)
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.

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.

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.
Pallet Racks

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

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.

Warehouse Mezzanine

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

**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.

**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.

Securing the curved channel handrail to stair stringer is fast and easy with pre-formed Unistrut angled fittings.
ROLLING BAR-STOCK RACK
This rolling bar-stock rack features cantilevered brackets that can be quickly adjusted to accommodate changing stock requirements.

ADJUSTABLE CABLE-DISPENSING RACK
This rack is expandable in three directions, a feature unique to structures made from Telestrut Telescoping Strut.

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 inverted edges of Unistrut channel, providing mobile support of up to 600 lbs. per trolley assembly.
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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
- Drilling Stands
- Drilling Machine Supports
- Equipment Guards
- Equipment Stands
- Hydraulic Equipment Supports
- Hoist Frames
- Monitor Stands (Supports)
- Service Columns
- Sliding Door Supports
- Welding Machine Supports
- Wind Tunnel Baffle Supports
**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.

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

**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.

**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.
Looking For Special Cutting Or Fabrications Service? Call 1-800-521-7730 (U.S.) or 1-800-267-4959 (Canada)

General Supports

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

**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.**

**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.
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.

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

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.

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.

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.
General Supports

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.

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.

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.
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- Equipment Mounts .................. 21, 22
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- Work Station Frames .............. 39

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
- Pipe Expansion Supports
- Pipe Trestles
- Raceways
- Seismic Bracing
- Sprinkler System Support
- Switch Gear Support
Utility Supports

MECHANICAL/HVAC SUPPORTS

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

Tunnel Stanchions For Steam Lines
Heavy steam lines require strong, dependable support, a job perfectly suited to Unistrut Metal Framing.

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

Utility Supports

Cantilevered Conduit Supports
Easy-to-install Unistrut beam clamps and channel provide strong cantilevered support for this 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.

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

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.
Utility Supports

ELECTRICAL SUPPORTS

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

**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.

**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.

**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.
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.

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.

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

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.
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 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.

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.
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  Scaffoldings
Catwalk-Floor Supported Welding Booths
Fence Post  Welding Screens (Shields)
Grating Connectors  Supports

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Grating Connectors  Supports
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.

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 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.

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

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
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.

**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.

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

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

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

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 fabricated 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.
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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.