

Select your Drive Panel - cont'd



Fixed Drive Panel
Steel or Laminate
Available widths:
12", 15", 18", 24", 30", 36", 48"
Height:
Steel: 60", 78", 85", 90"
Laminate: 78", 85", 90"



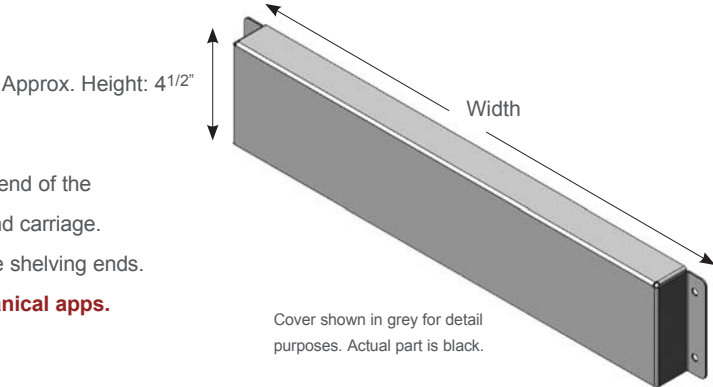
Manual Drive Panel
Steel or Laminate
Available widths:
18", 24", 30", 36", 48"
Height:
Steel: 78", 85", 90"
Laminate: 78", 85", 90"

Drive Shaft End Covers

Available Widths:
12", 15", 18", 24", 30", 36", 48", 60"

Note: Finished End Covers are an inexpensive option to add-on to the end of the carriage to cover mechanical components (drive shaft) extending beyond carriage. This part can be used in place of an end panel but **WILL NOT** cover the shelving ends.

***Available for Fixed Carriages or opposite end of Manual or Mechanical apps.**



Mobile Aisle Systems - Accessories

Anti Tip Brackets

Available Widths:
18", 24", 30", 36", 48", 60"

Use this guideline to determine if anti-tip brackets are required:

- 18" wide carriage - use if shelving height is over 48"
- 24" wide carriage - use if shelving height is over 72"
- 30" wide carriage - use if shelving height is over 96"
- 36" wide carriage - use if shelving height is over 120"
- 48" wide carriage - use if shelving height is over 168"

Use the following guideline to determine the quantity of anti-tip brackets needed:

- One Required per Mechanical / Manual carriage 3'-6' in length
- Two Required per Mechanical / Manual carriage 7'-24' in length
- Three Required per Mechanical / Manual carriage 25'-36' in length

Raised Foot Brackets

For fixed carriages located on the floor.
Raised Foot Bracket - Order 2 per track.
Hardware for Brackets - Order 2 per bracket.

Sprocket Options

- Heavy load sprocket option
- Fast travel sprocket option
- Bumper extensions

Deck Skirting

Available Length: 6'
Note: Deck skirt covers the exposed areas at the end of the track. The skirts attach to the decking and are manufactured in 6ft. sections. The last section is cut to length in the field to match installation requirements.

Locking Options

- 2 options:**
Normal or Keyed Alike
- Panel Lock** - used to lock hand wheel
- Track Base Lock** - used to lock mobile carriage directly to track



Panel lock shown in photo



Design Benefits & Features

- Modular, free-standing, assembled platform.
- Wide variety of decking options.
- High capacity ,125lbs. per square foot.
- Rugged coating/coordinating colors.
- Integrates with all equipto systems/accessories.
- OSHA, BOCA and IBC approved.

Space Utilization Advantages

- Increase space by at least 100%.
- Easy to reconfigure, move or expand.
- Avoid expensive construction.
- Maximize space floor to ceiling and wall to wall.

Market Applications

- Automotive - large and bulk parts, supplies, archives.
- Education - athletic equipment, supplies, and maintenance.
- Healthcare - supplies and maintenance.
- Maintenance - tool cribs and parts inventory.
- Manufacturing - warehouse, archival, parts/supplies and maintenance.
- Military - service, maintenance, and parts/supplies storage.
- Retail - display areas and backroom storage.

Mezzanine

Need more space, but don't want to move or add on?
Double or triple your floor space with Equipto pre-fabricated mezzanines! These rugged elevated floors, walkways and stairways add valuable area where you need it, at a fraction of the cost of acquiring new buildings. Because of their modular design, Equipto mezzanines are economical, quickly installed and can even be re-configured on your premises as your requirements change. They are designed to integrate with other Equipto products to provide one-source space savings that are custom tailored for your individual application. Everyplace from aircraft hangars to warehouses to factories will benefit from the space saving solutions provided with Equipto mezzanines!

- Double floor capacity
- Modular design lets you add units as needed
- Cost-effective
- Customized solution to the problem of limited space
- Less expensive than leasing or Construction
- Move them within your facility
- Relocation to other facilities is easy
- Prefabricated for immediate use



1st - Design your Mezzanine

Select your mezzanine module

1. Select Mezzanine Module and Flooring.
2. Select Stairways and Platforms.
3. Select Railings, Drop Gates and Accessories.

Sketch and define specifications, then contact Equipto.

Please contact Equipto Sales Engineering with a sketch and details of what you need, and we will customize a Mezzanine to fit your needs. Parts list and examples are for reference purposes only.
Seismic code conformity available upon request.

Generation IV Mezzanine Selection Chart - Most Popular Sizes

		Length →	4'	6'	8'	10'	12'	16'	20'	Mezzanine uprights - triangular	
8' High	Width	4'	480404	480406	480408	480410	480412	480416	480420	4' H	5204
		6'	480604	480606	480608	480610	480612	480616	480620	6' H	5206
		8'	480804	480806	480808	480810	480812	480816	480820	8' H	5208
		10'	481004	481006	481008	481010	481012	481016	481020	9' H	5209
9' High	Width	4'	490404	490406	490408	490410	490412	490416	490420	10' H	5210
		6'	490604	490606	490608	490610	490612	490616	490620	12' H	5212
		8'	490804	490806	490808	490810	490812	490816	490820		
		10'	491004	491006	491008	491010	491012	491016	491020		
10' High	Width	4'	410404	410406	410408	410410	410412	410416	410420	Mezzanine uprights - square	
		6'	410604	410606	410608	410610	410612	410616	410620		
		8'	410804	410806	410808	410810	410812	410816	410820		
		10'	411004	411006	411008	411010	411012	411016	411020		
12' High	Width	4'	420404	420406	420408	420410	420412	420416	420420	8' H	5218
		6'	420604	420606	420608	420610	420612	420616	420620	9' H	5219
		8'	420804	420806	420808	420810	420812	420816	420820	10' H	5220
		10'	421004	421006	421008	421010	421012	421016	421020	12' H	5222

Note: for seismic and 16' or 20' Width beam corners.

Tubular brace for exterior corners
6424 - Use with beams less than 16' long
6485 - Use with beams 16' and longer

Custom sizes and capacities available upon request.

NOTE: STANDARD LOAD CAPACITY IS 125LBS./SQ.FT. UNIFORMLY DISTRIBUTED (150LBS./SQ.FT. IN SEISMIC ZONE 0).

Flooring

4 types to choose from:

Select your flooring

- Choose Mezzanine Module:
- PG - Perforated Steel Grating
 - SG - Solid Grating
 - LD2 - No Deck, beams on 2' centers*
 - LD4 - No Deck, beams on 4' centers*

Mezzanine Module Part Number + Suffix = Part No. Ex: 490812LD2

Anti-Skid Tuffdeck	Economical Bar Grating	Perforated Steel Grating	Solid Steel Grating

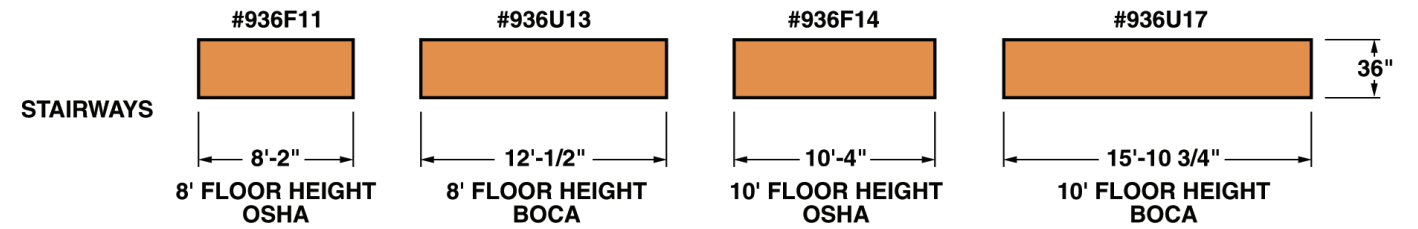
***Mezzanine floor options**

With LD2 Modules: No Deck, Beams on 2' centers	
Part No.	Description
10217	Tuffdeck 4' x 8' x 1 1/8"

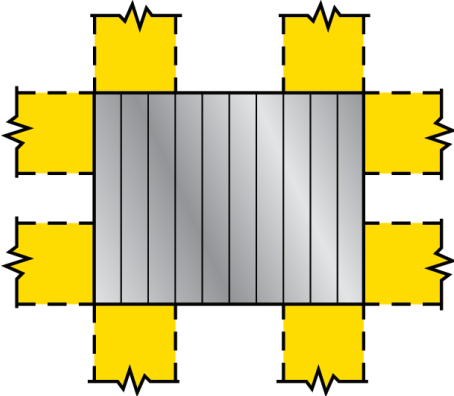
With LD4 Modules: No Deck, Beams on 4' centers	
Part No.	Description
10218	Tuffdeck 4' x 8' x 3/4" Use with RFD
10248PLY	Plywood 4' x 8' x 3/4" Use with RFD
RFD	1sq. ft. roof deck (for 3/4" Tuffdeck or Plywood)
BRG	1sq. ft. bar grating (no subfloor required)
Contact Equipto for fire retardant Tuffdeck.	

Stairways and Platforms

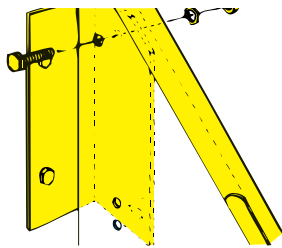
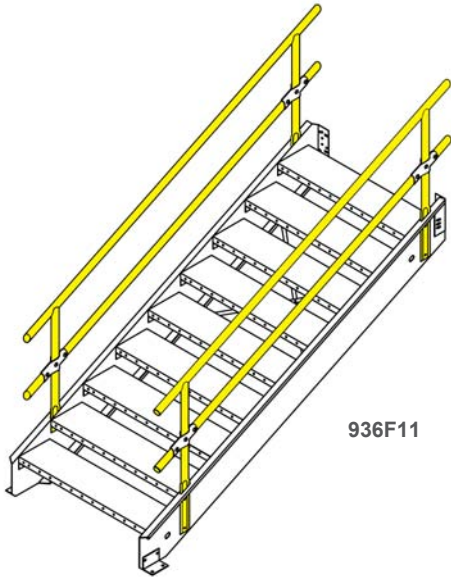
OSHA Stairways



- Galvanized steel stairway systems for safe, convenient access to all levels
- Savings to you in time and money
- Completely prefabricated for quick assembly
- One-third the cost of building your own unit from structural steel
- Over 30 sizes meeting or exceeding OSHA federal standards
- Adaptable to all types of installations
- Prefabricated for indoor or outdoor use, permanent or temporary
- Heights from 3' to 12' 3" with four tread widths available
- Non-skid, perforated, galvanized grating

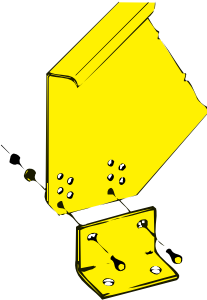


Stairways are hot dipped galvanized except for railings which come in safety yellow only.



Landing Anchor Bracket (Supplied)

Pre-drilled, 3" to 4 1/2", for mounting stairways to landings.



Base Anchor Bracket (Supplied)

Pre-drilled, 3" bracket for mounting stairways at base.

BOCA Stairways

Where conformity with Uniform Building Code (UBC) or Building Officials & Code Administrators International Inc. (BOCA) is required, these stairways are the answer. Seismic code conformity available upon request. Stairways are hot dipped galvanized except for railings which come in safety yellow only.

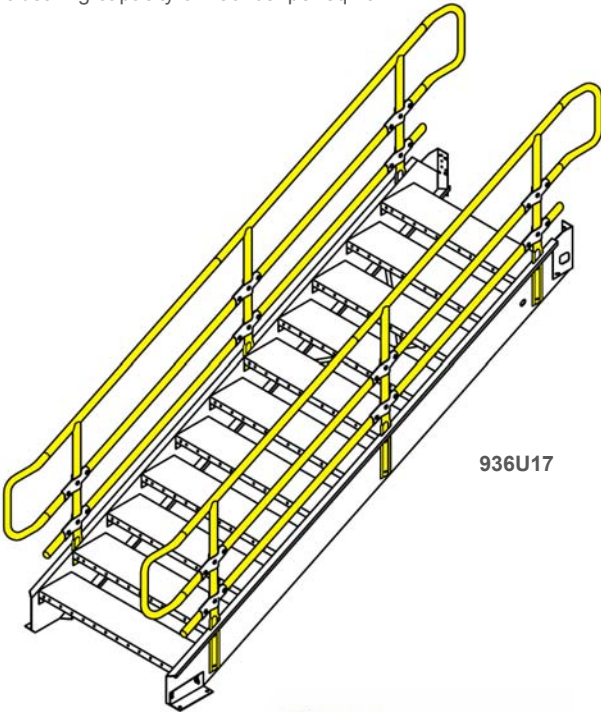
- Available in 36" or 48" widths
- Heights to 12' 3"
- Pre-cut and drilled for fast, easy installation
- One-piece, welded upright frames with support beams
- Galvanized steel perforated floor provides non-skid traction
- Weight-bearing capacity of 150 lbs. per sq. ft.

Rise Min/Max	Run Min/Max	36" Tread Width Part No.	48" Tread Width Part No.
3'0"/3'6"	4'8"/4'11"	936U5	948U5
3'7"/4'0"	5'7"/5'11"	936U6	948U6
4'1"/4'7"	6'6"/6'10"	936U7	948U7
4'8"/5'1"	7'5"/7'10"	936U8	948U8
5'2"/5'10"	8'4"/8'10"	936U9	948U9
6'0"/7'0"	10'1"/10'9"	936U11	948U11
7'1"/8'2"	12'0"/12'9"	936U13	948U13
8'3"/9'4"	13'10"/14'6"	936U15	948U15
9'5"/10'6"	15'8"/16'4"	936U17	948U17
10'7"/12'3"	18'5"/19'4"	936U20	948U20

Stair tread solid panels: (to close vertical rise)

(Order one per stair tread)

30"	#930URC
36"	#936URC
48"	#948URC



IBC Stairways

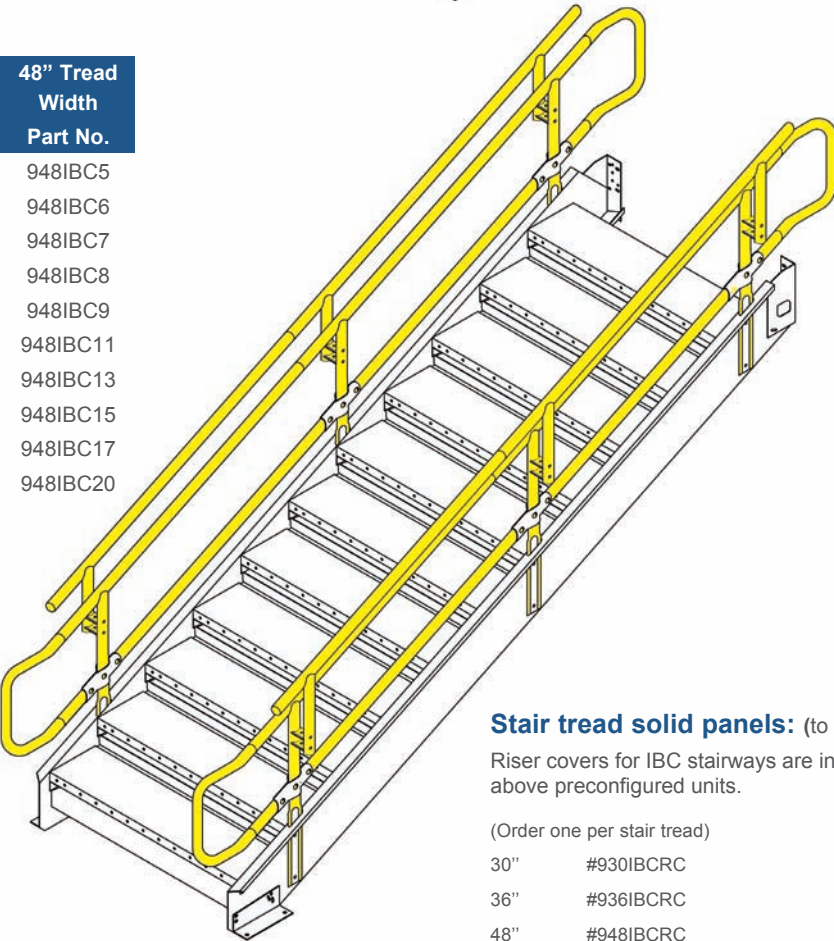
Rise Min/Max	Run Min/Max	36" Tread Width Part No.	48" Tread Width Part No.
3'0"/3'6"	4'8"/4'11"	936IBC5	948IBC5
3'7"/4'0"	5'7"/5'11"	936IBC6	948IBC6
4'1"/4'7"	6'6"/6'10"	936IBC7	948IBC7
4'8"/5'1"	7'5"/7'10"	936IBC8	948IBC8
5'2"/5'10"	8'4"/8'10"	936IBC9	948IBC9
6'0"/7'0"	10'1"/10'9"	936IBC11	948IBC11
7'1"/8'2"	12'0"/12'9"	936IBC13	948IBC13
8'3"/9'4"	13'10"/14'6"	936IBC15	948IBC15
9'5"/10'6"	15'8"/16'4"	936IBC17	948IBC17
10'7"/12'3"	18'5"/19'4"	936IBC20	948IBC20

Stair tread solid panels: (to close vertical rise)

Riser covers for IBC stairways are included in the above preconfigured units.

(Order one per stair tread)

30"	#930IBCRC
36"	#936IBCRC
48"	#948IBCRC



Platforms

“Stack-of-Stairs”

Equipto can build a “stack-of-stairs” and platform landings to almost any height.

Ask an Equipto engineer to quote your requirements.

Contact your Equipto representative.

	Description	Platform Width	Platform Depth	Floor Height	Part No.
A.	Platform for Use			6'	970-06
	Straight Through	48"	48"	8'	970-08
	Order 36" Wide Stairs			10'	970-10
B.	Platform for 90° Turn,			6'	970-06
	Left or Right	48"	48"	8'	970-08
	Order 36" Wide Stairs			10'	970-10
C.	Platform for 180° Turn			6'	971-06
	Order 36" Wide Stairs	96"	48"	8'	971-08
				10'	971-10



Platform landing is used for straight through passage with stairway proceeding upward.



For a 90-degree angle, this platform landing configuration assembles either to right or left.



The 180-degree turn plat-form is used in tight areas to conserve space.

Catwalks and Walkways



Ideal for machinery repair, inspection or observation, Equipto Bridge Catwalks can be combined with stairways and ship's stairs to create structures. Versatile, pre-fabricated for easy assembly and engineered for maximum safety and performance.

- Catwalks feature rugged mezzanine frames, 42" high safety railings and 4" high kickplates
- Choose ships stairs or stairways for access
- 2 heights, 2 lengths and add-on units available

Note: Stairways and ship's stairs should be ordered equal to or narrower than catwalk width.

Stairways

Tread Width	Overall Width	Horizontal Stair Run	Stairway Part No.
36"	39"	8'2"	936F11
36"	39"	10'4"	936F14

Ship's stairs

Tread Width	Overall Width	Horizontal Stair Run	Ladder Part No.
30"	35"	35"	930L08
30"	35"	41"	930L10

Floor Height	Vertical Clear	Walkway Length	Walkway Width	Catwalk Part No.
6' high unit				
73 ⁵ / ₈ "	63 ¹ / ₂ "	2'	48"	976S02
73 ⁵ / ₈ "	63 ¹ / ₂ "	4'	48"	976S04
73 ⁵ / ₈ "	63 ¹ / ₂ "	6'	48"	976S06
73 ⁵ / ₈ "	63 ¹ / ₂ "	8'	48"	976S08
73 ⁵ / ₈ "	63 ¹ / ₂ "	10'	48"	976S10
73 ⁵ / ₈ "	60 ³ / ₄ "	12'	48"	976S12
73 ⁵ / ₈ "	58"	16'	48"	976S16
73 ⁵ / ₈ "	56"	20'	48"	976S20
8' high unit				
97 ⁵ / ₈ "	87 ¹ / ₂ "	2'	48"	977S02
97 ⁵ / ₈ "	87 ¹ / ₂ "	4'	48"	977S04
97 ⁵ / ₈ "	87 ¹ / ₂ "	6'	48"	977S06
97 ⁵ / ₈ "	87 ¹ / ₂ "	8'	48"	977S08
97 ⁵ / ₈ "	87 ¹ / ₂ "	10'	48"	977S10
97 ⁵ / ₈ "	84 ³ / ₄ "	12'	48"	977S12
97 ⁵ / ₈ "	82"	16'	48"	977S16
97 ⁵ / ₈ "	80"	20'	48"	977S20
10' high unit				
121 ⁵ / ₈ "	111 ¹ / ₂ "	2'	48"	978S02
121 ⁵ / ₈ "	111 ¹ / ₂ "	4'	48"	978S04
121 ⁵ / ₈ "	111 ¹ / ₂ "	6'	48"	978S06
121 ⁵ / ₈ "	111 ¹ / ₂ "	8'	48"	978S08
121 ⁵ / ₈ "	111 ¹ / ₂ "	10'	48"	978S10
121 ⁵ / ₈ "	108 ³ / ₄ "	12'	48"	978S12
121 ⁵ / ₈ "	106"	16'	48"	978S16
121 ⁵ / ₈ "	104"	20'	48"	978S20

Ship’s Stairs and Bridges

Equipto’s Ship’s Stairs provide safe, multi-level access up or down to mezzanines, roofs, plat-forms, pits, trenches and wells. Extended hand rails and non-skid treads provide added safety.

- Ideal where space is at a premium
- Deep, non-skid treads provide firm footing
- Wide hand rails (2^{1/2}”) extend 42” above top stair tread
- Coordinate with many other Equipto products

For Floor Heights of:	Horiz. Run	Tread Width	Overall Width	Part No.
3’8” to 4’7 ^{1/2} ”	1’11”	24”	27”	924L04
4’7 ^{1/2} ” to 5’7”	1’11”	30”	33”	930L04
5’7” to 6’6”	2’2”	24”	27”	924L05
6’6” to 7’6”	2’2”	30”	33”	930L05
7’6” to 8’5”	2’5”	24”	27”	924L06
8’5” to 9’5”	2’5”	30”	33”	930L06
9’5” to 10’5”	2’8”	24”	27”	924L07
10’5” to 11’5”	2’8”	30”	33”	930L07
11’5” to 12’5”	2’11”	24”	27”	924L08
12’5” to 13’5”	2’11”	30”	33”	930L08
13’5” to 14’5”	3’2”	24”	27”	924L09
14’5” to 15’5”	3’2”	30”	33”	930L09
15’5” to 16’5”	3’5”	24”	27”	924L10
16’5” to 17’5”	3’5”	30”	33”	930L10
17’5” to 18’5”	3’8”	24”	27”	924L11
18’5” to 19’5”	3’8”	30”	33”	930L11

Crossover bridges

Prefabricated crossover bridges provide safe walkways over conveyors, ducts, pipes and other obstacles. Use them for observation platforms - in plants or out in the field.

- Ready-made for fast assembly, no cutting or welding
- Galvanized, non-skid steps and platform
- Meet OSHA standards
- Distributed load capacity of 150 lbs. per square foot

Ship’s stair crossover bridges

A Height	B Length at 36” Height	C Overall Height	D Overall Length	Part No. 24” Tread Width	Part No. 30” Tread Width
42”	34”	7’2”	5’9”	924X04	930X04
54”	40”	8’1”	6’3”	924X05	930X05
65”	46”	9’1”	6’10”	924X06	930X06
77”	52”	10’1”	7’4”	924X07	930X07
88”	59”	11’0”	7’10”	924X08	930X08
100”	65”	12’0”	8’4”	924X09	930X09
112”	71”	12’11”	8’10”	924X10	930X10
123”	77”	13’11”	9’5”	924X11	930X11

Stair crossover bridges

A Vertical Clearance	B Length at 36” Height	C Overall Height	D Overall Length	Part No. 24” Stair* Tread is 27” Overall*	Part No. 30” Stair Tread is 33” Overall	Part No. 36” Stair Tread is 39” Overall
31”	—	6’2 ^{1/2} ”	9’11”	924B04*	930B04	936B04
39”	4’2”	6’10 ^{1/2} ”	11’5”	924B05*	930B05	936B05
47”	5’8”	7’6 ^{1/2} ”	12’10”	924B06*	930B06	936B06
55”	7’1”	8’2 ^{1/2} ”	14’4”	924B07*	930B07	936B07
63”	8’7”	8’10 ^{1/2} ”	15’9”	924B08*	930B08	936B08
71”	10’1”	9’6 ^{1/2} ”	17’3”	924B09*	930B09	936B09
79”	11’6”	10’2 ^{1/2} ”	18’9”	924B10*	930B10	936B10
88”	13’0”	10’11 ^{1/2} ”	20’2”	924B11*	930B11	936B11

Items on this page hot dip galvanized except railings, which are safety yellow.

***The 24” Stair Tread does not meet OSHA standards.**

#924 Stair Treads are 23^{3/4}” wide and 7^{1/4}” deep. #930 Stair Treads are 29^{3/4}” wide and 7^{1/4}” deep. Overall width of #924 stair is 29”.

Overall width of #930 Stair is 35”. Stair inclines are 75 degrees to the horizontal plane.

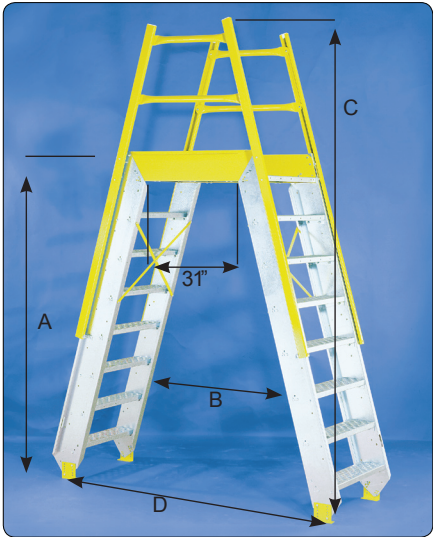


There is a 8” rise from tread to tread.

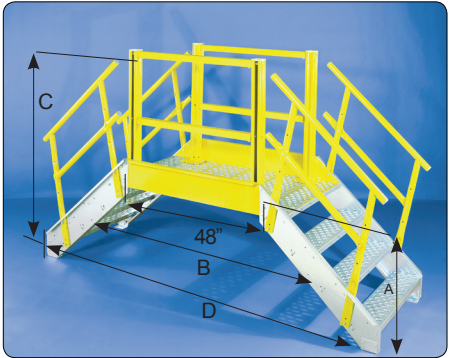
The tread is 1^{3/4}” in height.

The opening is about 6^{1/4}”.

(space between steps)



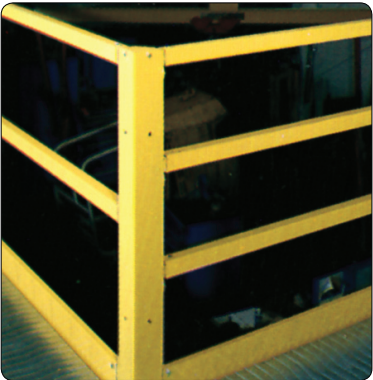
Ship's Stair Crossover Bridge



Stair Crossover Bridge

3rd - Railings and Drop Gates

- Maximize space
- Double or triple capacity without sacrificing valuable floor space
- Building up is more economical and efficient than building out
- Solidly supported by welded uprights
- Precision engineered
- Significantly increased productivity and profits
- Prefabricated mezzanines meet OSHA, BOCA, IBC, Seismic, and other codes, as requested.
- 125 lbs. per sq. ft. or more of uniformly distributed weight.
- 150 lbs. per sq. ft. in seismic zone 0 only



Railings and Kickplates

Used to designate 1 running foot of railing, complete with rails, posts, kickplates and hardware.

Attaches to mezzanine beam.

Part No. 90000

Height	Length Specifications	Part No.
42”	1 linear foot	90000 2 Rail
42”	1 linear foot	91000 3 Rail
42”	1 linear foot	80000 2 Rail*

***For connection directly to grating.**



Drop gates

Pivots upward - no floor space needed to operate gate.

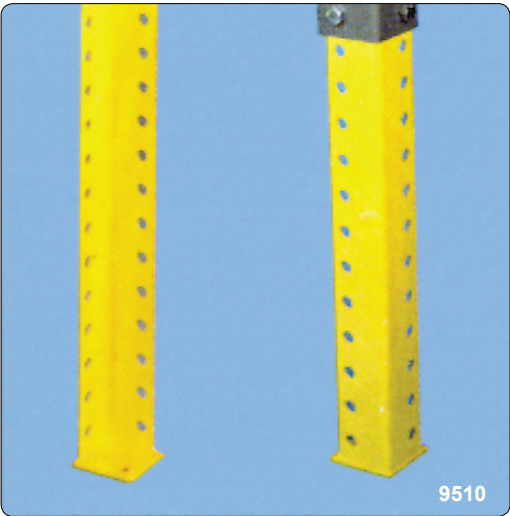
Height	Width of Gate	Part No.
42”	44”	78134G
42”	68”	78136G
42”	88”	78138G

Note: Gate 78138G is made up

of two 44” frames. One opens to each side.

Accessories

Extension posts and stacking brackets



Optional extension posts

Optional Extension Posts (Part No. 9510) permit adjustment of mezzanines

in 2” increments up to 2 feet higher than standard to accommodate tall

machines, additional Equipto products, or a sloping floor.

Order with original mezzanine to secure proper posts.

Four required for each mezzanine module.



Mezzanine stacking bracket

Brackets (4 required) fasten upper and lower posts

to permit double-decking of same-size mezzanines.

Part No. 7720 - 4” x 4” x 3”H

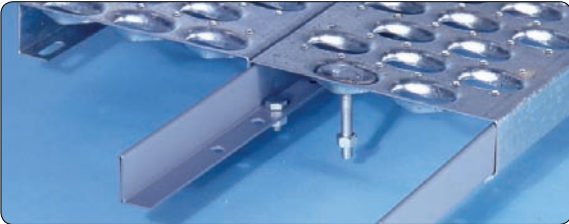
Galvanized steel floor grating

Assures non-skid safety for high load capacities, with minimum deflection. An exceptionally high strength-to-weight ratio makes it suitable for the most demanding jobs with unlimited versatility. Strong, fast to install, and available in sizes appropriate for everything from trench coverings to floors for entire mezzanine structures.

Part Numbers and stock sizes for Perforated Steel Grating

Width and Flange	Lengths of Panels (Actual Length 1/4" Less Than Shown)							
	24"	30"	36"	48"	72"	96"	120"	144"
7 1/4" x 1 1/2" for 7 1/2" centers	#16362	#16361	#16363	#16364	#16366	#16368	#16370	#16372
8 3/4" x 1 1/2" for 9" centers	#16162	#16161	#16163	#16164	#16166	#16168	#16170	#16172*
11 7/8" x 1 1/2" for 12" centers	#16142*	#16141*	#16143*	#16144*	#16146*	#16148*	#16150*	#16152*

* For solid grating in these sizes only, add SG to Catalog No.



Grating Splicer (pair)

Splicers connect two grating panels end-to-end, without having ends over supports.

Part No. 9549-2



Grating Anchor (close up shown on right)

Dish-shaped Anchors permit recessed bolt attachment of hanging lights, etc., to decking.

Part No. 10315

Bolt and Nut are required for each grating anchor

Bolt and Nut

Use 5/16" x 2" bolts with anchors, or your own bolts of any length.

Part No. 13194

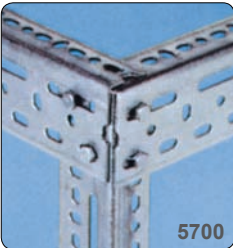
Stair treads

For interior or exterior use, Equipto perforated grating stair treads provide sure traction and maximum rigidity. Exclusive, non-skid treads with 1 1/2" flange are self-cleaning and virtually maintenance free. Galvanized construction provides lasting, corrosion-resistant wear.

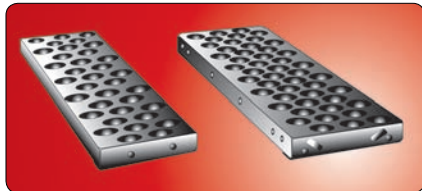


Corner gusset

when used as corner brace, this 2" x 7 7/8" gusset adds strength and rigidity to slotted angle units.



Width	Length	Height	Part No.
7 1/4"	24"	1 1/2"	16362WS
7 1/4"	30"	1 1/2"	16361WS
7 1/4"	36"	1 1/2"	16363WS
7 1/4"	48"	1 1/2"	16364WS
8 3/4"	24"	1 1/2"	16162WS
8 3/4"	30"	1 1/2"	16161WS
8 3/4"	36"	1 1/2"	16163WS
8 3/4"	48"	1 1/2"	16164WS
11 7/8"	24"	1 1/2"	16142WS
11 7/8"	30"	1 1/2"	16141WS
11 7/8"	36"	1 1/2"	16143WS
11 7/8"	48"	1 1/2"	16144WS



16362WS

16162WS



Angle Cutter - 10213

Equipto angle cutter

One stroke makes a clean cut. Strong enough to make thousands of cuts through both Heavy and Super Duty angle. Top Blade Part No. 2711, Lower Blade Part No. 2710.



Workcenters

Design Benefits & Features

- Electrical, fluid and air supplies in convenient locations
- Wide selection on sizes and styles
- High capacity tops and drawers
- Continuous row assemblies
- Wood, steel, stainless steel, laminate and ESD (anti-static) tops
- Production boosters, mobile kits, drawers and locks

Space Utilization Advantages

- Efficiently organize work areas
- Tools and storage space are combined into one area
- Ergonomic design increases productivity

Market Applications

- Automotive - service, parts and office
- Education - office and maintenance
- Healthcare - labs, maintenance, and office
- Maintenance - service and parts
- Manufacturing - in-plant offices, work cells, and maintenance
- Military - service, maintenance, and parts
- Office - customer service, shipping/receiving