

### **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.

Designed according to OSHA, BOCA and IBC guidelines.

### **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.



### **Platform**

#### Need more space, but don't want to move or add on?

Double or triple your floor space with Equipto pre-fabricated Platforms! 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 platforms 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 platforms!

- · 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
- · Relocatation to other facilities is easy
- · Prefabricated for immediate use









### **1st - Design your Platform**

### Select your Platform module

- 1. Select Platform 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 Platform to fit your needs.

Parts list and examples are for reference purposes only.

Seismic code conformity available upon request.

### **Generation IV Platform Selection Chart - Most Popular Sizes**

	Length —	<b>-</b> 4'	6'	8'	10'	12'	16'	20'	Platform uprights - triangular
8' High	Width 4' 6' 8' 10'	480404 480604 480804 481004	480406 480606 480806 481006	480408 480608 480808 481008	480410 480610 480810 481010	480412 480612 480812 481012	480416 480616 480816 481016	480420 480620 480820 481020	4' H 5204 6' H 5206 8' H 5208 9' H 5209
9' High	Width 4' 6' 8'	490404 490604 490804	490406 490606 490806	490408 490608 490808	490410 490610 490810	490412 490612 490812	490416 490616 490816	490420 490620 490820	10' H 5210 12' H 5212 Platform uprights - square
10' High	10' Width 4' 6' 8' 10'	491004 410404 410604 410804 411004	491006 410406 410606 410806 411006	491008 410408 410608 410808 411008	491010 410410 410610 410810 411010	491012 410412 410612 410812 411012	491016 410416 410616 410816 411016	491020 410420 410620 410820 411020	8' H 5218 9' H 5219 10' H 5220 12' H 5222
12' High	Width 4' 6' 8' 10'	420404 420604 420804 421004	420406 420606 420806 421006	420408 420608 420808 421008	420410 420610 420810 421010	420412 420612 420812 421012	420416 420616 420816 421016	420420 420620 420820 421020	Note: for seismic and 16' or 20' Width beam corners.  Tubular brace for exterior corners
		es and capa					.2.010	.2.020	6424 - Use with beams less than 16' long 6485 - Use with beams 16' and longer

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

### Flooring

### Select your flooring

Choose Platform Module:

4 types to choose from: PG - Perferated Steel Grating

SG - Solid Grating

LD2 - No Deck, beams on 2' centers\* LD4 - No Deck, beams on 4' centers\*

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

# Anti-Skid Tuffdeck

**Economical Bar Grating** 



Perforated Steel Grating



**Solid Steel Grating** 

### \*Platform floor options

With LD2 Modules: No Deck, Beams on 2' centers Part No. Description

10217 Tuffdeck 4' x 8' x 1<sup>1/8</sup>'

### With LD4 Modules: No Deck, Beams on 4' centers Part No. Description

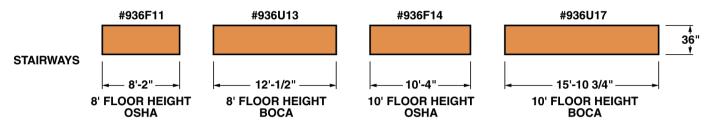
10218 Tuffdeck 4' x 8' x 3'4" Use with RFD
 10248PLY Plywood 4' x 8' x 3'4" Use with RFD
 RFD 1sq. ft. roofdeck (for 3'4" Tuffdeck or Plywood)
 BRG 1sq. ft. bar grating (no subfloor required)

Contact Equipto for fire retardant Tuffdeck.

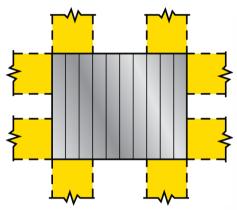


### **Stairways and Platforms**

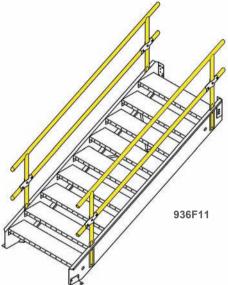
**OSHA Stairways** 



- 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 designed to meet or exceed 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.



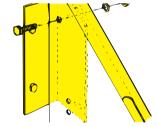
### Stair tread solid panels to close vertical rise:

(Order one per stair tread)

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

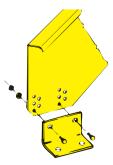
Rise	Run	24" Tread	30" Tread	36" Tread	48" Tread
Min/Max	Min/Max	Width	Width	Width	Width
		Part No.	Part No.	Part No.	Part No.
3'0"/3'5"	3'0"/3'4"	924F04	930F04	936F04	948F04
3'6"/4'0"	3'9"/4'2"	924F05	930F05	936F05	948F05
4'1"/4'8"	4'5"/5'0"	924F06	930F06	936F06	948F06
4'9"/5'4"	5'2"/5'9"	924F07	930F07	936F07	948F07
5'5"/5'11"	5'11"/6'6"	924F08	930F08	936F08	948F08
6'0"/6'6"	6'8"/7'4"	924F09	930F09	936F09	948F09
6'7"/7'3"	7'5"/8'1"	924F10	930F10	936F10	948F10
7'4"/8'2"	8'2"/8'9"	924F11	930F11	936F11	948F11
8'3"/8'9"	8'10"/9'4"	924F12	930F12	936F12	948F12
8'10"/10'2"	10'4"/11'5"	924F14	930F14	936F14	948F14
10'3"/12'3"	12'8"/14'11"	924F17	930F17	936F17	948F17

Overall width of stairway is 3" greater than tread width.



### **Landing Anchor Bracket (Supplied)**

Pre-drilled, 3" to 4<sup>1/2</sup>", for mounting stairways to land-ings.



### **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.

Rise Min/Max	Run Min/Max	36" Tread Width	48" Tread Width
		Part No.	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)

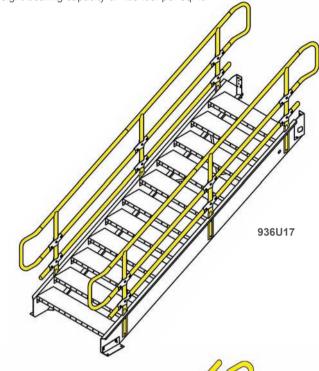
30" #930URC36" #936URC48" #948URC

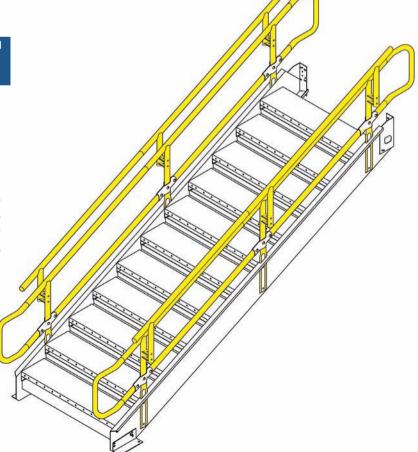
### **IBC Stairways**

Rise Min/Max	Run Min/Max	36" Tread Width	48" Tread Width
		Part No.	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

- · 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 125 lbs. per sq. ft.







### **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
В.	Platform for 90° Turn, Left or Right	48"	48"	6' 8'	970-06 970-08
	Order 36" Wide Stairs			10'	970-10
C.	Platform for 180° Turr	1		6'	971-06
	Order 36" Wide Stairs	96"	48"	8'	971-08
				10'	971-10

- · 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 platforms designed according to OSHA, BOCA and IBC guidelines.
- 125 lbs. per sq. ft. or more of uniformly distributed weight.
- 150 lbs. per sq. ft. in seismic zone 0 only







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

В.





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

C.





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 platform 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	Overall	Horizontal	Stairway
Width	Width	Stair Run	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				
735/8"	631/2"	2'	48"	976S02
735/8"	631/2"	4'	48"	976S04
735/8"	631/2"	6'	48"	976S06
735/8"	631/2"	8'	48"	976S08
735/8"	631/2"	10'	48"	976S10
735/8"	603/4"	12'	48"	976S12
735/8"	58"	16'	48"	976S16
735/8"	56"	20'	48"	976S20
8' high unit				
975/8"	871/2"	2'	48"	977S02
975/8"	871/2"	4'	48"	977S04
975/8"	871/2"	6'	48"	977S06
975/8"	871/2"	8'	48"	977S08
975/8"	871/2"	10'	48"	977S10
975/8"	843/4"	12'	48"	977S12
975/8"	82"	16'	48"	977S16
975/8"	80"	20'	48"	977S20
10' high unit				
121 <sup>5/8</sup> "	1111/2"	2'	48"	978S02
1215/8"	1111/2"	4'	48"	978S04
1215/8"	1111/2"	6'	48"	978\$06
1215/8"	1111/2"	8'	48"	978S08
1215/8"	1111/2"	10'	48"	978S10
1215/8"	1083/4"	12'	48"	978S12
1215/8"	106"	16'	48"	978S16
1215/8"	104"	20'	48"	978S20



### Ship's Stairs and Bridges

Equipto's Ship's Stairs provide safe, multi-level access up or down to platforms, 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<sup>1/2</sup>") 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	1'11"	24"	27"	924L04
4'7 <sup>1/2</sup> "	1'11"	30"	33"	930L04
4'7 <sup>1/2</sup> " to	2'2"	24"	27"	924L05
5'7"	2'2"	30"	33"	930L05
5'7" to	2'5"	24"	27"	924L06
6'6"	2'5"	30"	33"	930L06
6'6" to	2'8"	24"	27"	924L07
7'6"	2'8"	30"	33"	930L07
7'6" to	2'11"	24"	27"	924L08
8'5"	2'11"	30"	.33"	930L08
8'6" to	3'2"	24"	27"	924L09
9'5"	3'2"	30"	33"	930L09
9'5 <sup>1/2</sup> " to	3'5"	24"	27"	924L10
10'5"	.3'5"	.30"	.33"	930L10
10'5" to	3'8"	24"	27"	924L11
11'5"	3'8"	30"	33"	930L11



There is a 8" rise from tread to tread. The tread is 13'4" in height.
The oppening is about 61'4".
(space between steps)

### **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.

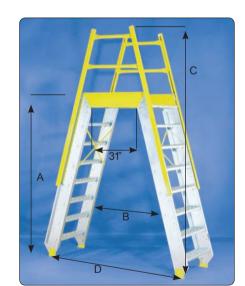
- · Ready-made for fast assembly,no cutting or welding
- · Galvanized, non-skid steps and platform
- · Designed to meet OSHA standards
- · Distributed load capacityof 125 lbs. per square foot
- 24" Stair Tread for Crossover Bridge does not meet OSHA standards

### Ship's stair crossover bridges

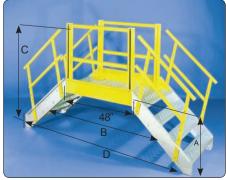
A Height	B Length at 36" Height	C Overall Height	D Overall Length	Part No. 24" Tread Width	Part No. 30" Tread Width
42"	34"	7'2"	5'9"	924X04	930X04
54"	40"	8'1"	6'3"	924X05	930X05
65"	46"	9'1"	6'10"	924X06	930X06
77"	52"	10'1"	7'4"	924X07	930X07
88"	59"	11'0"	7'10"	924X08	930X08
100"	65"	12'0"	8'4"	924X09	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"	-	6'21/2"	9'11"	924B04	930B04	936B04
39"	4'2"	6'101/2"	11'5"	924B05	930B05	936B05
47"	5'8"	7'61/2"	12'10"	924B06	930B06	936B06
55"	7'1"	8'21/2"	14'4"	924B07	930B07	936B07
63"	8'7"	8'101/2"	15'9"	924B08	930B08	936B08
71"	10'1"	9'61/2"	17'3"	924B09	930B09	936B09
79"	11'6"	10'21/2"	18'9"	924B10	930B10	936B10
88"	13'0"	10'111/2"	20'2"	924B11	930B11	936B11
Items on this page hot dip galvanized except railings, which are safety yellow.						



Ship's Stair Crossover Bridge



Stair Crossover Bridge

#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.



### **3rd - Railings and Drop Gates**



### Generation IV Railing and Kick Plate

Rail posts are side-mounted to the platform beams and are available in 2-rail and 3-rail sections of 2', 4', 5', 6' & 8'.

#### **Generation II Railing and Kick Plate**

Rail posts (3" x 3") mount to the platform decking surface. Individual rail channels and kick plates are available in lengths of 30", 42", 45", 57", 69", 72", 90" & 93".

(these measurements do not include the posts).



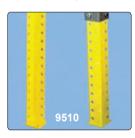
### **Drop gates**

Pivots upward - no floor space needed to operate gate.

	Gate Width	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 platforms in 2" increments up to 2 feet higher than standard to accommodate tall machines, additional Equipto products, or a sloping floor.

Order with original Platform to secure proper posts.

Four required for each Platform module.



### Platform stacking bracket

Brackets (4 required) fasten upper and lower posts to permit double-decking of same-size platforms.

Part No. 7720 - 4" x 4" x 3"H

### **Slotted Angle**

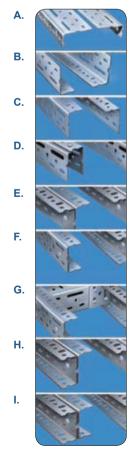
Equipto Slotted Angle is the frontrunner in creating steel framing systems. Visualize it, cut it, then bolt it. Build structures to do exactly what you want them to do, with almost no limit to the number of ways it can be assembled.

### Capacity (lbs.) per beam length

	Configuration	2'	3'	4'	5'	6'	7'	8'	9'	10'
Α.	Single Pieces Short Legs Dow	1139	759	569	455	379	325	284	253	227
В.	Single Pieces Long Legs Up	3547	1576	886	568	396	289	222	175	_
C.	Single Pieces Long Legs Dowr	3547	2365	1771	1327	1014	777	587	427	312
D.	Narrow Channels	6385	4256	3192	2553	2129	1824	1598	1418	1277
E.	T-Beams	7094	4729	3547	2837	2365	2026	1775	1576	1418
F.	Broad Channels	10417	6945	5208	4167	3388	2617	2002	1489	1087
G.	Broad Channels with Stiffeners	10417	6945	5208	4167	3472	2976	2604	2315	2092
н.	J-Beams	15145	10097	7572	6058	5048	4326	3785	3366	2831
I.	I-Beams	20835	13890	10416	8334	6945	5952	5208	4629	4166

Note: Capacities in the Table above are for angle used as horizontal beams, in lbs. of distributed load. For load concentrated in center of beam, reduce capacity by 50%. Capacities are per pair of beams; All figures are in lbs. of steady load, with a safety factor of 1.67. For shock or lateral thrust, add braces as needed. Where shown, connecting stiffeners should not be spaced over 3 ft. apart. I-beams and other multiple angles should be bolted together every 12".

### **Horizontal Capacities**





### 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 Platform structures.

### Part Numbers and stock sizes for Perforated Steel Grating

Width and Flange	Length	s of Pane	ls (Actual	Length 1	/4" Less T	han Show	/n)	
	24"	30"	36"	48"	72"	96"	120"	144"
$7^{1/4"} \times 1^{1/2"}$ for $7^{1/2"}$ centers	#16362	#16361	#16363	#16364	#16366	#16368	#16370	#16372
8 <sup>3/4</sup> " x 1 <sup>1/2</sup> " for 9" centers	#16162	#16161	#16163	#16164	#16166	#16168	#16170	#16172*
11 <sup>7/8</sup> " x 1 <sup>1/2</sup> " for 12" centers	#16142*	#16141*	#16143*	#16144*	#16146*	#16148*	#16150*	#16152

<sup>\*</sup> 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 (closeup 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

- · Recommended for platforms, catwalks, and multi-level areas
- · Covers troughs, pits, and building walkways around machinery
- · High strength one-piece channel construction
- · Cutting marks are provided on 6" centers to simplify on-the-job measurements and cutting
- · High structural strength with a minimum of weight
- · Perforated oval hole grating provides raised nubs for 360° traction and safe walking



#### **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 11/2" 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<sup>7/8</sup> gusset adds strength and rigidity to slotted angle units.



Width	Length	Height	Part No.
71/4"	24"	11/2"	16362WS
71/4"	30"	11/2"	16361WS
71/4"	36"	11/2"	16363WS
71/4"	48"	11/2"	16364WS
83/4"	24"	11/2"	16162WS
83/4"	30"	11/2"	16161WS
83/4"	36"	11/2"	16163WS
83/4"	48"	11/2"	16164WS
117/8"	24"	11/2"	16142WS
11 <sup>7/8</sup> "	30"	11/2"	16141WS
117/8"	36"	11/2"	16143WS
117/8"	48"	11/2"	16144WS

Description of Bundle	Shipping Weight (lbs.)	Part No.
10 super duty angles		
1 <sup>1/2</sup> " x 3"c x 12 gauge (.104"), 12' long	175	5712-10

#### Stair Treads



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.