

1-800-GRAINGER (472-4643)

Cotterman® Welded-Steel Safety Cages

- Gray powder-coat paint finish
- Meet or exceed OSHA Standards

SAFETY CAGES

Modular cages help make existing fixed ladder OSHA compliant. Cages mount to the side rails of fixed ladders up to 20"W. Top and middle sections have a 29" I.D.; bottom section flares to a 34" I.D. for easy entry. Include mounting hardware for flat or angle side rails.

To determine proper length, the cage should begin 7 ft. to 8 ft. from the floor and extend 42" above the landing surface (except for hatchways). Use this figure to build a combination of one bottom section, plus middle section and top sections for ladders with 42" extend handrails.

LADDER GUARD

For use with 20"W fixed steel ladders.

Section	Overall Height	Item No.
Safety Cages		
Top	5 ft	5FZE5
Middle	2 ft	4EU26
Middle	3 ft	4EU27
Middle	4 ft	4EU28
Middle	7 ft	4EU25
Bottom	4 ft	4EU29
Ladder Guard		
—	6 ft.	487V32



Cotterman® Fixed Welded-Steel Ladders with Safety Cages

- 300-lb. capacity
- Gray powder-coat paint finish
- Provide step-off points from 13 ft. to 29 ft.

Allow solid climbing and safer landing access. Safety cages come welded to ladder for quick-and-easy assembly. Cages and walk-thru handrails extend 42" above landing surface for easier access. Cage begins 7 ft. from bottom of the ladder and has flared bottom opening for easy entry. Ideal for raised platforms and roofs. Meet or exceed OSHA and ANSI standards.



Top Step Height	WITH WALK-THRU		WITHOUT WALK-THRU		WITHOUT WALK-THRU, RIGHT EXIT		WITHOUT WALK-THRU, LEFT EXIT	
	Overall Height	Item No.	Overall Height	Item No.	Overall Height	Item No.	Overall Height	Item No.
12 ft	15 ft 8 in	4EU21	12 ft 3 in	4EU35	12 ft 3 in	6MXP8	12 ft 3 in	6MXT6
13 ft	16 ft 8 in	5FZD6	13 ft 3 in	6MXN3	13 ft 3 in	6MXP9	13 ft 3 in	6MXT7
14 ft	17 ft 8 in	1TGX2	14 ft 3 in	6MXN4	14 ft 3 in	6MXR0	14 ft 3 in	6MXT8
15 ft	18 ft 8 in	5FZD7	15 ft 3 in	6MXN5	15 ft 3 in	6MXR1	15 ft 3 in	6MXT9
16 ft	19 ft 8 in	4EU22	16 ft 3 in	4EU36	16 ft 3 in	6MXR2	16 ft 3 in	6MXU0
17 ft	20 ft 8 in	5FZD8	17 ft 3 in	6MXN6	17 ft 3 in	6MXR3	17 ft 3 in	6MXU1
18 ft	21 ft 8 in	1TGX3	18 ft 3 in	6MXN7	18 ft 3 in	6MXR4	18 ft 3 in	6MXU2
19 ft	22 ft 8 in	5FZD9	19 ft 3 in	6MXN8	19 ft 3 in	6MXR5	19 ft 3 in	6MXU3
20 ft	23 ft 8 in	4EU23	20 ft 3 in	4EU37	20 ft 3 in	6MXR6	20 ft 3 in	6MXU4
21 ft	24 ft 8 in	5FZE0	21 ft 3 in	6MXN9	21 ft 3 in	6MXR7	21 ft 3 in	6MXU5
22 ft	25 ft 8 in	1TGX4	22 ft 3 in	6MXP0	22 ft 3 in	6MXR8	22 ft 3 in	6MXU6
23 ft	26 ft 8 in	5FZE1	23 ft 3 in	6MXP1	23 ft 3 in	6MXR9	23 ft 3 in	6MXU7
24 ft	27 ft 8 in	1TGX5	24 ft 3 in	6MXP2	24 ft 3 in	6MXT0	24 ft 3 in	6MXU8
25 ft	28 ft 8 in	5FZE2	25 ft 3 in	6MXP3	25 ft 3 in	6MXT1	25 ft 3 in	6MXU9
26 ft	29 ft 8 in	1TGX6	26 ft 3 in	6MXP4	26 ft 3 in	6MXT2	26 ft 3 in	6MXV0
27 ft	30 ft 8 in	5FZE3	27 ft 3 in	6MXP5	27 ft 3 in	6MXT3	27 ft 3 in	6MXV1
28 ft	31 ft 8 in	1TGX7	28 ft 3 in	6MXP6	28 ft 3 in	6MXT4	28 ft 3 in	6MXV2
29 ft	32 ft 8 in	5FZE4	29 ft 3 in	6MXP7	29 ft 3 in	6MXT5	29 ft 3 in	6MXV3
	Overall Height		Item No.		Overall Height		Item No.	
	Right Entry Standoff Landing Platform				Left Entry Standoff Landing Platform			
	6 ft 7 in		20Z509		6 ft 7 in		20Z510	

Cotterman® Storage Tank Access Ladders

Ladder tops hook to the top edge of a tank to allow user portable access to the inside of storage tanks and vessels. They are constructed of welded steel with durable gray powder-coat paint finish and rubber-tipped legs.

Top to Bottom Rung	Item No.
6 ft	39F194
7 ft	39F195
8 ft	39F196
9 ft	39F197
10 ft	39F198
11 ft	39F199
12 ft	39F201
13 ft	39F202
14 ft	39F203
15 ft	39F204



Fixed Welded-Steel and Aluminum Ladders

- 300-lb. capacity
- Steel ladders have a gray powder-coat paint finish

Heavy-duty, 1-pc. welded ladders enable solid climbing and safer landing access to heights less than 20 ft. Rungs are spaced on 12" centers. Use for vertical access to raised platforms, roofs, or hatchway openings. Meet or exceed OSHA and ANSI Standards.

Top Step Height	Overall Height	No. of Steps	Step Width	Brand	Item No.
Steel					
9 ft	9 ft	10	18 in	Tri-Arc	25N225
11 ft	11 ft	12	18 in	Tri-Arc	25N227
13 ft	13 ft	14	18 in	Tri-Arc	25N229
Walk-Thru Handrails					
2 ft	6 ft	3	24 in	Cotterman	4XM76
3 ft	7 ft	4	24 in	Cotterman	4XM77
4 ft	8 ft	5	24 in	Cotterman	4XM78
8 ft	11 ft 8 in	9	16 in	Cotterman	4EU16
9 ft	12 ft 8 in	10	16 in	Cotterman	5FZD0
10 ft	13 ft 8 in	11	16 in	Cotterman	4EU17
11 ft	14 ft 8 in	12	16 in	Cotterman	5FZD1
12 ft	15 ft 8 in	13	16 in	Cotterman	4EU18
13 ft	16 ft 8 in	14	16 in	Cotterman	5FZD2
14 ft	17 ft 8 in	15	16 in	Cotterman	4EU19
15 ft	18 ft 8 in	16	16 in	Cotterman	5FZD3
16 ft	19 ft 8 in	17	16 in	Cotterman	1TGX8
17 ft	20 ft 8 in	18	16 in	Cotterman	5FZD4
18 ft	21 ft 8 in	19	16 in	Cotterman	1TGX9
19 ft	22 ft 8 in	20	16 in	Cotterman	5FZD5
Without Walk-Thru Handrails					
8 ft	8 ft 3 in	9	16 in	Cotterman	4EU30
9 ft	9 ft 3 in	10	16 in	Cotterman	5FZC4
10 ft	10 ft 3 in	11	16 in	Cotterman	4EU31
11 ft	11 ft 3 in	12	16 in	Cotterman	5FZC5
12 ft	12 ft 3 in	13	16 in	Cotterman	4EU32
13 ft	13 ft 3 in	14	16 in	Cotterman	5FZC6
14 ft	14 ft 3 in	15	16 in	Cotterman	4EU33
15 ft	15 ft 3 in	16	16 in	Cotterman	5FZC7
16 ft	16 ft 3 in	17	16 in	Cotterman	1TGY1
17 ft	17 ft 3 in	18	16 in	Cotterman	5FZC8
18 ft	18 ft 3 in	19	16 in	Cotterman	1TGY2
19 ft	19 ft 3 in	20	16 in	Cotterman	5FZC9
Aluminum					
Walk-Thru Handrails					
2 ft	6 ft	3	18 in	Tri-Arc	3NUU9
3 ft	7 ft	4	18 in	Tri-Arc	3NUV1
4 ft	8 ft	5	18 in	Tri-Arc	3NUV2
Without Walk-Thru Handrails					
9 ft	10 ft 2 in	10	18 in	Tri-Arc	3NUU6
11 ft	12 ft 2 in	12	18 in	Tri-Arc	3NUU7
13 ft	14 ft 2 in	14	18 in	Tri-Arc	3NUU8



Steel With Walk-Thru Handrails



Industrial Access Stair Units

- 450-lb. load capacity
- Gray powder-coat finish
- 24"W steps
- 26.5" base width
- 1" x 2" rectangular frame
- 1.5" round tubular handrails

45° incline allows comfortable, easy descent. Punched flange and floor plates for mounting. Meet OSHA and ANSI Standards.



No. of Steps	Overall Height	Base Depth	Top Step Height	PERFORATED TREAD	SERRATED TREAD
				Item No.	Item No.
6	95 in	58 in	57 in	420R78	420R85
7	104 ½ in	67 ½ in	66 ½ in	420R79	420R86
8	114 in	77 in	76 in	420R80	420R87
9	123 ½ in	86 ½ in	85 ½ in	420R81	420R88
10	133 in	96 in	95 in	420R82	420R89
11	142 ½ in	105 ½ in	104 ½ in	420R83	420R90
12	152 in	115 in	114 in	420R84	420R91