

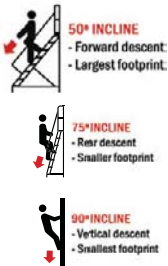
U-Design Configurable Platform Selection Guide

STEP 1

Select an Incline:

Crossover Platforms (CP) and Rooftop Platforms (RP) use 2 ladders paired together. Different inclines are acceptable.

Max-Access Platform Systems (MAPS) use 50° incline stair units/ladders.



STEP 2

Select a Ladder Height:

CP: Choose based on vertical clearance height need for application.
RP: Select a ladder with a height greater than the required height.
MAPS: For crossover applications, deduct 5" for clearance height.

STEP 3

Select a Span or Platform:

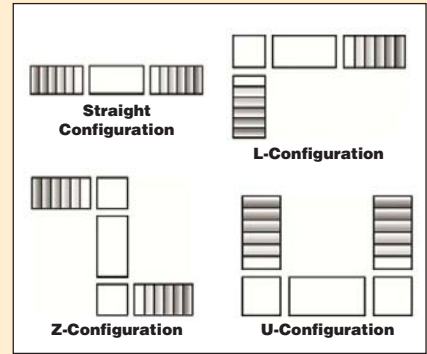
CP and RP: Combine 20" and 30" spans to create up to 90" of horizontal clearance. For spans over 90" (CP) or 120" (RP), use a leg kit.
MAPS: Create platform configurations by combining 36" x 36" platforms. A tower support leg is required when 3 platform units are combined.

STEP 4

Select a Crossover Configuration or Support Legs:

CP and RP: Add turn platforms for configurations requiring a 90° turn including L-, Z-, or U-shaped crossovers.

MAPS: A tower support leg is required for each 50° stair unit/ladder.

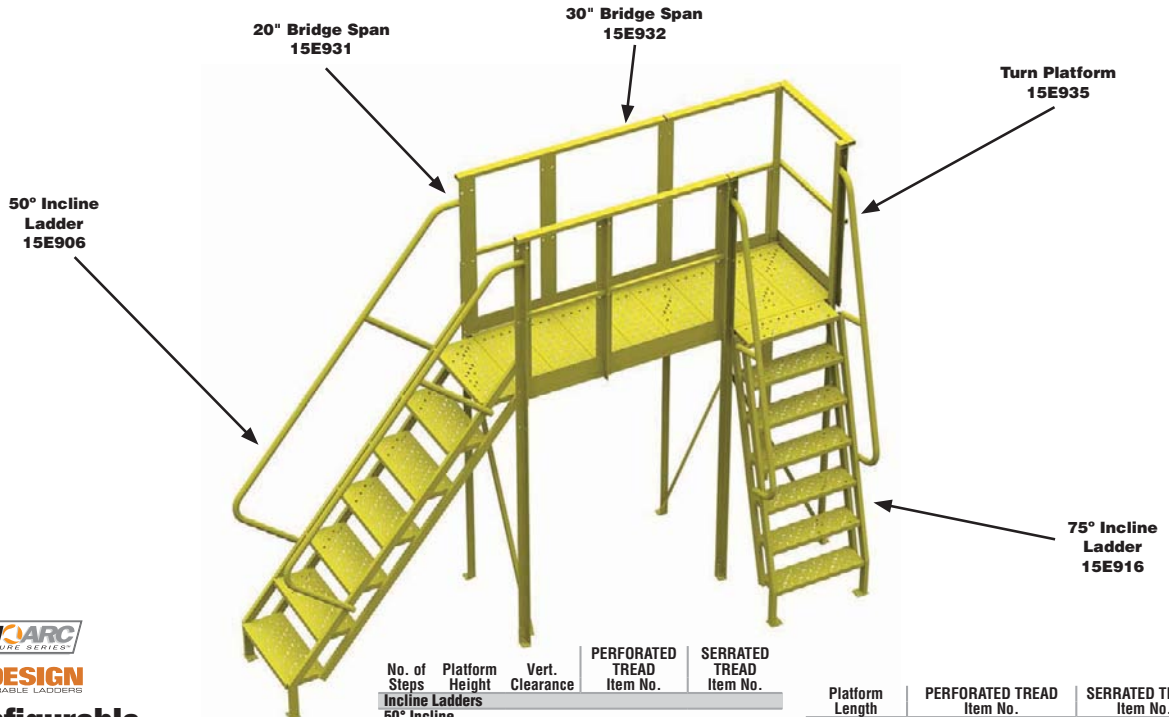


STEP 5

Select Platform Handrails:

MAPS: Add handrails to any side for fall protection. 5-step and larger ladders require handrails on all platform unit sides for code compliance.

A configurator tool is available at Grainger.tri-arc.com/GRconfigurator_login.html



U-DESIGN
CONFIGURABLE LADDERS

Configurable Crossover Platforms

- 1000-lb. load capacity
- 24"W steps
- Clearance height is 2" below platform height
- Meet OSHA Standards

Customize a crossover platform by choosing components based on environment and application requirements. Platforms require minimal assembly, include assembly hardware, and have foot plates for bolting to the floor. Rectangular tubing frame is 1" x 2" and tubing handrails are 1½" dia. Individual pieces are 30"W overall and guardrails are 42"H above platforms. Steel construction with yellow powder-coat finish.

No. of Steps	Platform Height	Vert. Clearance	PERFORATED TREAD Item No.	SERRATED TREAD Item No.
50° Incline				
3	30"	28 in	21Y491	21Y489
4	40"	38 in	21Y492	21Y490
5	50"	48 in	15E904	15E909
6	60"	58 in	15E905	15E910
7	70"	68 in	15E906	15E911
8	80"	78 in	15E907	15E912
9	90"	88 in	15E908	15E913
75° Incline				
3	30"	28 in	21Y495	21Y493
4	40"	38 in	21Y496	21Y494
5	50"	48 in	15E914	15E919
6	60"	58 in	15E915	15E920
7	70"	68 in	15E916	15E921
8	80"	78 in	15E917	15E922
9	90"	88 in	15E918	15E923
90° Incline				
3	30"	28 in	21Y497	—
4	40"	38 in	21Y498	—
5	50"	48 in	15E924	—
6	60"	58 in	15E925	—
7	70"	68 in	15E926	—
8	80"	78 in	15E927	—
9	90"	88 in	15E928	—

Platform length	PERFORATED TREAD		SERRATED TREAD	
Bridge Spans	Item No.		Item No.	
20 in	15E931		15E929	
30 in	15E932		15E930	
Equivalent No. of Steps	Platform Height	Platform Depth	PERFORATED TREAD Item No.	SERRATED TREAD Item No.
Turn Platforms				
3-Step	30 in	30 ½ in	21Y502	21Y499
4-Step	40 in	30 ½ in	21Y503	21Y501
5-Step	50 in	30 ½ in	15E933	15E938
6-Step	60 in	30 ½ in	15E934	15E939
7-Step	70 in	30 ½ in	15E935	15E940
8-Step	80 in	30 ½ in	15E936	15E941
9-Step	90 in	30 ½ in	15E937	15E942
Description		Ladder Height	Item No.	
Crossover Ladder Leg Kits				
3-Step Leg Kit		2 ft 6 in	21Y504	
4-Step Leg Kit		3 ft 4 in	21Y505	
5-Step Leg Kit		4 ft 2 in	15E943	
6-Step Leg Kit		5 ft	15E944	
7-Step Leg Kit		5 ft 10 in	15E945	
8-Step Leg Kit		6 ft 8 in	15E946	
9-Step Leg Kit		7 ft 6 in	15E947	

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