

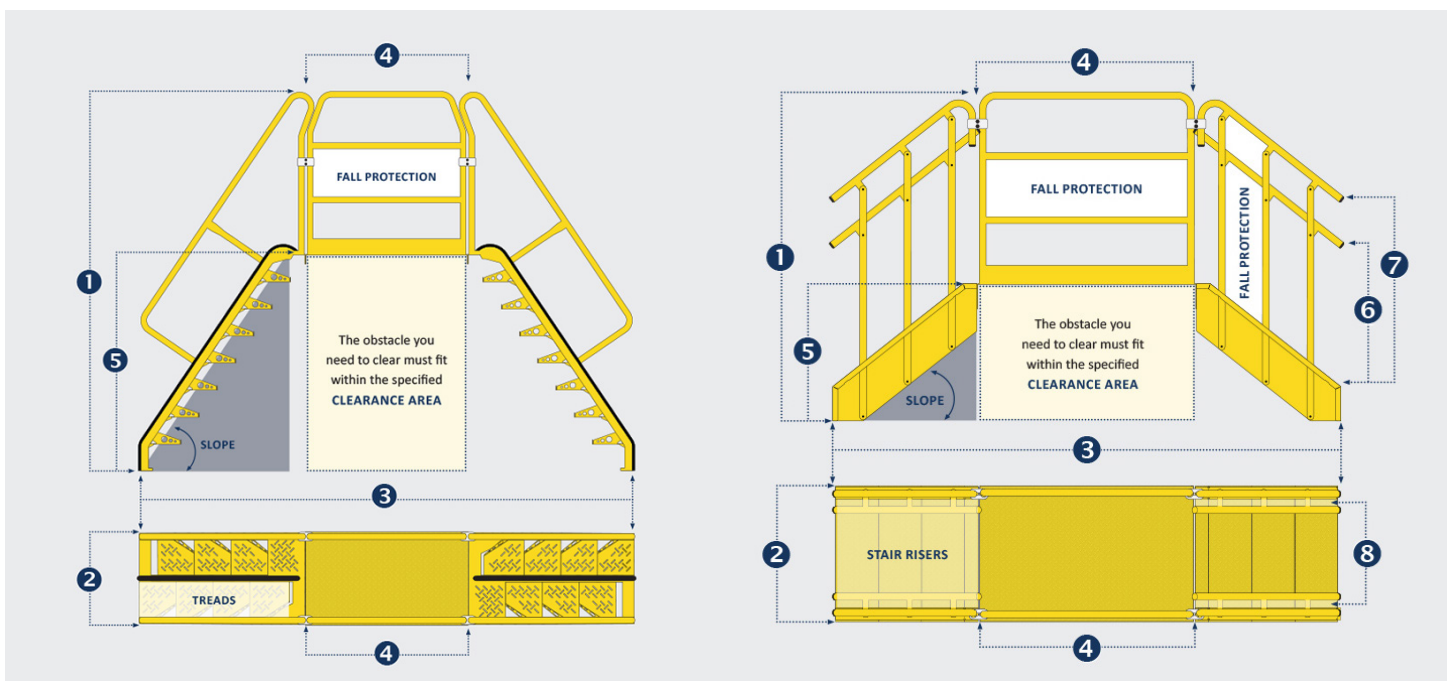


CROSSOVER STAIRS

custom, compliant systems



	CROSSOVERS WITH ALTERNATING TREAD STAIRS	CROSSOVERS WITH STANDARD (BOLTED) STAIRS
MATERIALS	<ul style="list-style-type: none"> • Powder-coated carbon steel • Galvanized • Stainless Steel • Aluminum (68-degree only) 	<ul style="list-style-type: none"> • Powder-coated carbon steel • Galvanized
STANDARD OPTIONS	<ul style="list-style-type: none"> • 56° or 68° degree alternating tread stairs • Diamond plate platform decking • Crossover bracing kit 	<ul style="list-style-type: none"> • 36 inch wide treads with open risers • 3/16 inch diamond tread plate platform • 11-gauge diamond tread plate treads • 3 inch square tubes legs (when required)
<ul style="list-style-type: none"> • OSHA-compliant guardrail system constructed of 1½ inch round tubing • All assembly hardware 		
ADDITIONAL OPTIONS	<ul style="list-style-type: none"> • Varying stair heights, additional stair heights and platform sizes • Additional platform decking materials and configurations 	<ul style="list-style-type: none"> • 24, 30, 36, and 48 inch wide treads • Additional tread types and tread back pans • Additional guardrail system materials
	<ul style="list-style-type: none"> • Back pans for stairs • Safety gates 	



-  Stair SLOPE of 56° or 68° from the horizontal for ATS and 45° or less for standard stairs
§1910.25(f), §1910.25(c)(1)
-  TREADS are at least 8½ inches deep with open risers and at least 7 inches wide at the leading edge
§1910.25(f)(3), §1910.25(f)(4), §1910.25(f)(5)
-  STAIR RISERS with a uniform height of no more than 9.5 inches and a uniform depth of at least 9.5 inches
§1910.25(b)(3), §1910.25(c)(2), §1910.25(c)(3)
-  FALL PROTECTION system with less than 19 inches between horizontal mid-rails and vertical balusters
1910.29(b)(2)(i), §1910.29(b)(2)(iii), §1910.29(b)(2)(iv)

The overall dimensions of ① height, ② width and ③ length must fit within the amount of space that is available to install the crossover system. Alternating tread stair crossover systems are OSHA-compliant if you do not have enough space to install a system with standard stairs.

The platform ④ length and ⑤ stair height are determined by the dimensions of the obstacle. These measurements are used to calculate the overall dimensions of the crossover system.

- ⑥ OSHA-compliant 34" handrail height §1910.29(f)(1)(i)
- ⑦ OSHA-compliant 42" guardrail height §1910.29(f)(1)(iii)(B)
- ⑧ OSHA-compliant 2½" handrail clearance §1910.29(f)(2)

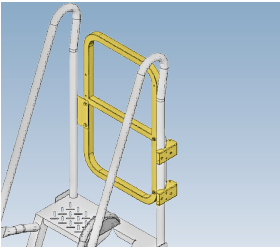
68° ALTERNATING TREAD STAIR VS. STANDARD STAIR



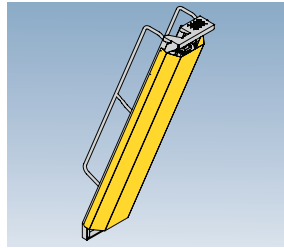
DIMENSIONS OF OBSTACLE YOU NEED TO CLEAR (HEIGHT X LENGTH)	OVERALL LENGTH OF THE CROSSOVER SYSTEMS THAT MEET YOUR CLEARANCE REQUIREMENT		
	68° ATS	56° ATS	STANDARD (BOLTED) STAIRS
42" X 24"	70"	90"	106"
42" X 48"	94"	114"	130"
48" X 24"	75"	98"	126"
48" X 48"	99"	122"	150"
54" X 24"	80"	106"	128"
54" X 48"	110"	136"	158"
60" X 24"	84"	113"	144"
60" X 48"	108"	137"	168"
66" X 24"	89"	122"	146"
66" X 48"	113"	146"	170"
72" X 24"	94"	130"	164"
72" X 48"	118"	154"	188"
78" X 24"	99"	138"	194"
84" X 36"	128"	170"	206"

OPTIONAL COMPONENTS FOR ALTERNATING TREAD STAIRS

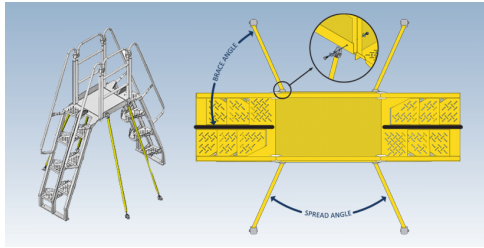
SAFETY GATES



BACK PANS



SWAY BRACING



CROSSOVER BRACING KIT

Crossovers with alternating tread stairs require bracing to prevent swaying. The bracing kit for these systems includes stainless steel brackets and hardware for the upper and lower connections plus custom tubing in the same material and finish as your crossover system.

OPTIONS, CONFIGURATIONS

Custom crossover platforms can accommodate even the most tricky space concerns.



LAPEYRE  STAIR

CROSSOVER STAIRS
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FOR MORE INFO

