



50° Incline Safety Angle Series

1-800-565-2165

Full Line Climbing & Access Products / Safety Angle Series

Tri-Arc manufactures two Safety Angle ladder models designed with a reduced and more gentle 50°incline that permits the user to descend face forward for added safety and stability when carrying loads. All models comply with **OSHA 1910.29 & ANSI A14.7**

Construction & Features:

- 1¼" Tubular steel construction
- Stair stringer constructed of 1" square tubing for added strength and durability
- Powder coat gray paint finish
- 17" Standard deep top platform
- First step actuated locking mechanism standard on all models
- 8½" Deep steps
- Standard Perforated or Grip Strut™ slip-resistant tread designs
- Non-marking wheels
- 450 lb. Rated capacity
- Optional 27" or 37" deep top platform
- Optional Safety Walk tread

Heavy-Duty Safety Angle (EC)



KDEC106246

California OSHA Requirements

For more rigorous CAL-OSHA requirements for ladders with top platforms 50" and higher, the following parts are required to meet code: Contact us for pricing.

WL Part #	Models
C	5 – 7 steps (16")
C	5 – 12 steps (24")
KD Part #	Models
GRCAL05EC	5 – 7 steps (16")
GRCAL0509	5 – 9 steps (24")
GRCAL1012	10 – 12 steps (24")
GRCAL1315	13 – 15 steps (24")
KDCAL16	16 steps (24")

		Steps	Step Width	Platform Height	H	D	W	Wt. (lbs.) Perforated	Wt. (lbs.) Grip Strut
Perforated Tread									
Grip Strut Tread									
KD Flatpack									
KDEC103166	KDEC103162	3	16	30	62	41	23	75	79
KDEC103246	KDEC103242	3	24	30	69	41	28	100	104
KDEC104166	KDEC104162	4	16	40	72	49	23	91	96
KDEC104246	KDEC104242	4	24	40	76	49	28	113	114
KDEC105166	KDEC105162	5	16	50	82	58	23	104	111
KDEC105246	KDEC105242	5	24	50	86	58	28	126	132
KDEC106166	KDEC106162	6	16	60	92	66	27	118	126
KDEC106246	KDEC106242	6	24	60	96	66	34	136	143
KDEC107166	KDEC107162	7	16	70	102	74	27	132	141
KDEC107246	KDEC107242	7	24	70	106	74	34	149	157
KDEC108246	KDEC108242	8	24	80	116	82	34	189	199
KDEC109246	KDEC109242	9	24	90	126	91	34	232	243
KDEC110246	KDEC110242	10	24	100	136	99	34	248	260
KDEC111246	KDEC111242	11	24	110	146	107	34	264	278
KDEC112246	KDEC112242	12	24	120	156	116	34	280	294
KDEC113246	KDEC113242	13	24	130	166	124	39	346	362
KDEC114246	KDEC114242	14	24	140	176	133	39	359	376
KDEC115246	KDEC115242	15	24	150	186	141	39	382	400
KDEC116246	KDEC116242	16	24	160	196	149	42	393	412
All-Welded									
WLEC103166	WLEC103162	3	16	30	62	41	23	73	81
WLEC103246	WLEC103242	3	24	30	60	41	28	73	80
WLEC104166	WLEC104162	4	16	40	72	49	23	91	100
WLEC104246	WLEC104242	4	24	40	70	49	28	91	100
WLEC105166	WLEC105162	5	16	50	82	58	23	108	119
WLEC105246	WLEC105242	5	24	50	80	58	28	109	120
WLEC106166	WLEC106162	6	16	60	92	66	27	128	140
WLEC106246	WLEC106242	6	24	60	90	66	34	135	166
WLEC107166	WLEC107162	7	16	70	102	74	27	146	160
WLEC107246	WLEC107242	7	24	70	100	74	34	146	172
WLEC108246	WLEC108242	8	24	80	110	82	34	166	181
WLEC109246	WLEC109242	9	24	90	120	91	34	190	207
WLEC110246	WLEC110242	10	24	100	130	99	34	213	231
RWEC111246	RWEC111242	11	24	110	140	107	34	231	251
RWEC112246	RWEC112242	12	24	120	150	116	34	248	269

H = Overall Height D = Overall Depth W = Overall Width



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All-Directional Safety Angle (AD) (Patent Pending)

Construction & Features:

- The same construction and features as Heavy-Duty Safety Angle ladder
- 5-Wheels vs standard 4-wheels on all other rolling ladders
- All-Directional models equipped with swivel center casters enabling ladder to laterally maneuver



WLAD108246

Safety Angle and All-Directional Options

Stair Treads	Standard Feature	Optional Feature
Perforated	<input type="radio"/>	
Grip Strut	<input type="radio"/>	
Safety Walk		<input type="radio"/>

Top Step

27"	<input type="radio"/>
37"	<input type="radio"/>

Locking System

Step Lock	<input type="radio"/>
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California OSHA Requirements

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Part #	Models
C	7 – 16 steps

Perforated Tread

KD150	All-Welded
RWAD107246	WLAD107246
RWAD108246	WLAD108246
RWAD109246	WLAD109246
RWAD110246	WLAD110246
RWAD111246	WLAD111246
RWAD112246	WLAD112246
RWAD113246	N/A
RWAD114246	N/A
RWAD115246	N/A
RWAD116246	N/A

Grip Strut Tread

KD150	All-Welded
RWAD107242	WLAD107242
RWAD108242	WLAD108242
RWAD109242	WLAD109242
RWAD110242	WLAD110242
RWAD111242	WLAD111242
RWAD112242	WLAD112242
RWAD113242	N/A
RWAD114242	N/A
RWAD115242	N/A
RWAD116242	N/A

Steps	Step Width	Platform Height	H	D	W	Wt. (lbs.) Perforated	Wt. (lbs.) Grip Strut
7	24	70	100	74	34	166	175
8	24	80	110	82	34	186	196
9	24	90	120	91	34	210	222
10	24	100	130	99	34	230	243
11	24	110	140	107	34	251	265
12	24	120	150	116	34	270	286
13	24	130	166	124	39	288	305
14	24	140	176	133	39	305	323
15	24	150	186	141	39	322	342
16	24	160	196	149	42	348	369

H = Overall Height D = Overall Depth W = Overall Width



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Warranty/Return Policy

WARRANTY

Seller warrants Goods manufactured by it will be free from defects in material and workmanship for one (1) year following the date of shipment. If any of the Goods are found by Seller to be defective, such Goods will, at Seller's option, be replaced or repaired at Seller's cost. The parties hereto expressly agree that Buyer's sole and exclusive remedy against the Seller shall be for the repair or replacement of defective Goods as provided herein. The sole purpose of the stipulated exclusive remedy shall be to provide the Buyer with free repair and replacement of defective Goods in the manner provided herein. The exclusive remedy shall not be deemed to have failed of its essential purpose so long as the Seller is willing and able to repair or replace defective Goods in the prescribed manner. No affirmation of Seller, by words or action, other than as set forth in this warranty shall constitute a warranty or become the basis of the bargain between Seller and Buyer. Goods which may be sold by Seller but which are not manufactured by Seller are not warranted by Seller, but are sold only with the warranties, if any of the manufacturers thereof. This warranty does not cover labor or other costs or expenses to remove or install any defective, repaired or replaced Goods. Seller's warranty does not apply to any Goods which have been subjected to misuse, mishandling, misapplication, neglect (including but not limited to improper maintenance), accident, improper installation, modification (including but not limited to use of unauthorized parts or attachments), or adjustment of repair performed by anyone other than Seller or one of Seller's authorized agents. Any claim by Buyer with reference to the goods sold hereunder shall be deemed waived by the Buyer unless submitted in writing to Seller within ten (10) days following the date Buyer discovered or by reasonable inspection should have discovered any claimed breach of the foregoing warranty. Any cause of action for breach of the foregoing warranty shall be brought within one year from the date the alleged breach was discovered or should have been discovered which ever occurs first.

THE FOREGOING WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR ANY PURPOSE NOT EXPRESSLY SET FORTH HEREIN.

RETURN POLICY

If for any reason, you are not satisfied with any standard product you receive from us, please let us know within 30 days of receipt of your order. All items to be returned must be authorized, and assigned an RMA number by Tri-Arc Manufacturing. We **will not accept** any Returns without a Tri-Arc issued RMA number. All items must be returned in original packaging (or a reasonable substitute) and prepaid, within a 15 day period of RMA issue. A 20% re-stocking fee will be applied to all standard items, 30% on all non-standard items (i.e. deep top platforms, etc). All custom fabricated items are non-returnable.

LADDER INSPECTION PROCEDURE

Shipments made are FOB factory. Each product has been inspected before shipment. Consignee is responsible to inspect material at time of delivery, and should refuse shipment or make written notice to carrier upon receipt of damaged materials. Carriers will not accept claims if damage is not noted at time of delivery.

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