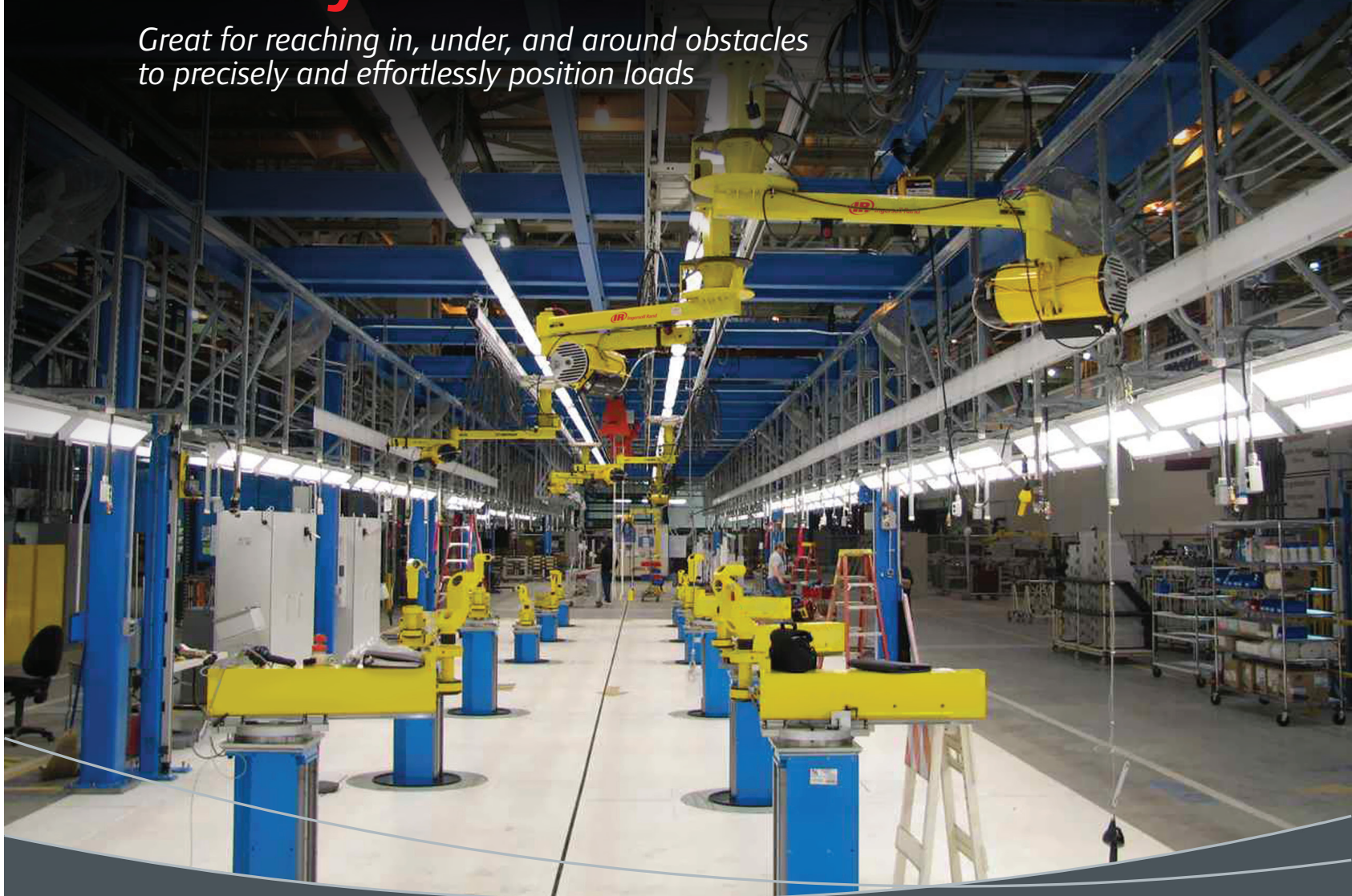


Arm Systems

Great for reaching in, under, and around obstacles to precisely and effortlessly position loads



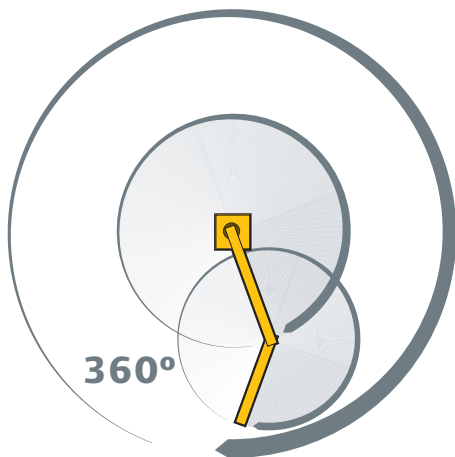
Ingersoll Rand offers:

- ▶ Column or overhead mounting options
- ▶ Three styles: articulating, parallel link, and vertical mast
- ▶ Up to 10 ft of horizontal reach
- ▶ Capacities up to 1,000 lb

Zimmerman Series Arm Systems

The Ingersoll Rand Arm System **ADVANTAGE**

- ▶ **Ergonomic reach** — Prevents the need for operator to bend and reach into tight areas causing injury
- ▶ **Precise, strain-free positioning** — Float leaves both hands free to raise, lower, or shift the load with virtually no resistance
- ▶ **Versatility** — Three styles available to fit a diverse set of applications in nearly any industry
- ▶ **Rugged reliability** — Continuous duty with minimal maintenance
- ▶ **Integrated air supply** — Prevents tangling of air lines running to below-the-hook handling devices



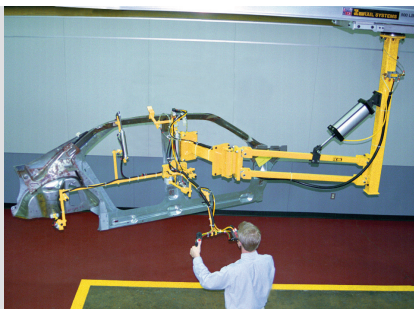
Parallel link arms:

Parallel link arms utilize an air cylinder with a parallel link structure for lifting / lowering, making them ideal for reach-in applications.

Features:

- ▶ Capable of handling offset loads
- ▶ Column or carriage mount
- ▶ Up to 5 ft vertical travel and 800 lb capacity
- ▶ Optional brakes and limit switches available

Note: Parallel link-style arms are designed to specific customer requirements. Contact factory for more information.



700 Series articulating arms:



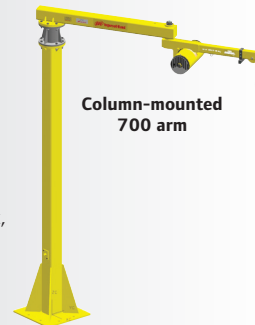
700 Series arms combine the benefits of an air balancer with the flexibility and reach of an articulating arm.

Features:

- ▶ Column, ceiling, or carriage mount
- ▶ Up to 10 ft horizontal reach and 500 lb capacity
- ▶ Includes integrated air balancer available in rear-mount, mid-mount, and front-mount configurations.



Overhead carriage-mounted 700 arm



Column-mounted 700 arm

600 Series arms:

600 Series arms utilize a rigid mast to guide the lifting / lowering, which is done by an integrated air balancer.

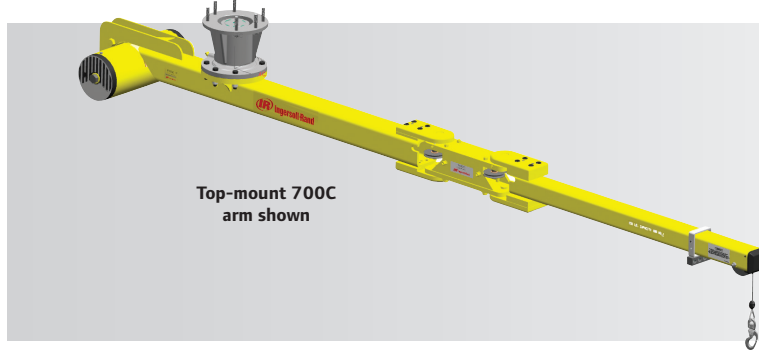
Features:

- ▶ Capable of handling offset loads
- ▶ Carriage mount compatible with most rail systems
- ▶ Up to 8 ft vertical travel and 1,000 lb capacity
- ▶ Includes integrated air balancer



Zimmerman Series Arm Systems

700C Series arm



Features:

- ▶ Rear-mount balancer offers lowest rotational inertia of all models
- ▶ Short stack-up for low headroom applications
- ▶ Two-point pivot providing 270° articulation
- ▶ Carriage or column mount
- ▶ Arm lengths of 6, 7, 8, 9, and 10 ft available
- ▶ Integrated 150, 200, 350, or 500 lb balancer

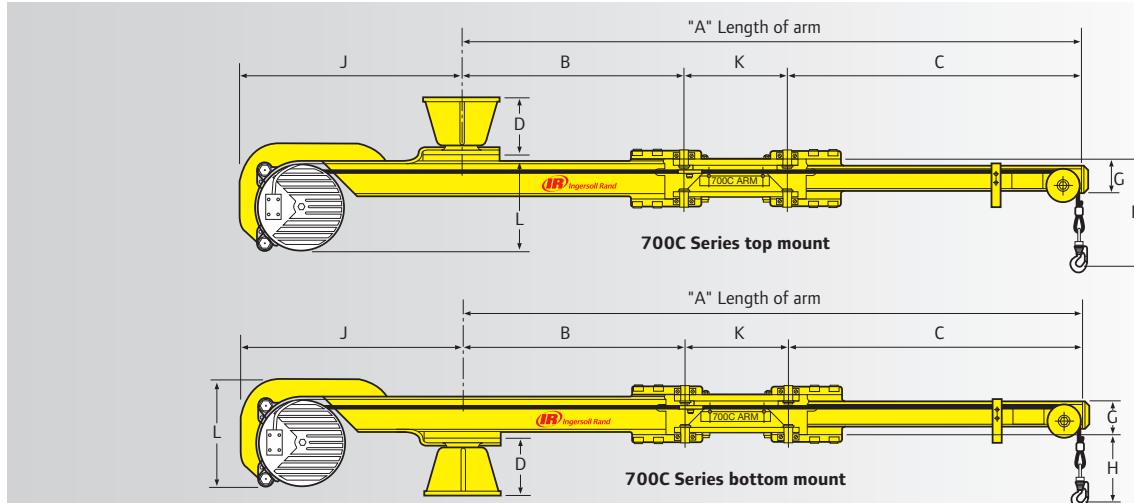
700C Series arm

Base Model	Arm Length ft (m)	Capacity lb (kg)	Weight lb (kg)
70015XXXXXXXX06X	6' (1.83)	150 (65)	218 (99)
70015XXXXXXXX07X	7' (2.13)	150 (65)	237 (108)
70015XXXXXXXX08X	8' (2.44)	150 (65)	248 (113)
70015XXXXXXXX09X	9' (2.74)	150 (65)	263 (120)
70015XXXXXXXX10X	10' (3.05)	150 (65)	275 (125)
70020XXXXXXXX06X	6' (1.83)	200 (90)	248 (113)
70020XXXXXXXX07X	7' (2.13)	200 (90)	267 (121)
70020XXXXXXXX08X	8' (2.44)	200 (90)	278 (126)
70020XXXXXXXX09X	9' (2.74)	200 (90)	278 (126)
70020XXXXXXXX10X	10' (3.05)	200 (90)	304 (138)
70035XXXXXXXX06X	6' (1.83)	350 (155)	257 (117)
70035XXXXXXXX07X	7' (2.13)	350 (155)	279 (127)
70035XXXXXXXX08X	8' (2.44)	350 (155)	290 (132)
70035XXXXXXXX09X	9' (2.74)	350 (155)	290 (132)
70035XXXXXXXX10X	10' (3.05)	350 (155)	316 (144)
70050XXXXXXXX06X	6' (1.83)	500 (225)	271 (123)
70050XXXXXXXX07X	7' (2.13)	500 (225)	290 (132)
70050XXXXXXXX08X	8' (2.44)	500 (225)	328 (149)
70050XXXXXXXX09X	9' (2.74)	500 (225)	350 (159)
70050XXXXXXXX10X	10' (3.05)	500 (225)	367 (167)

700C Series arm – dimensions (inches)

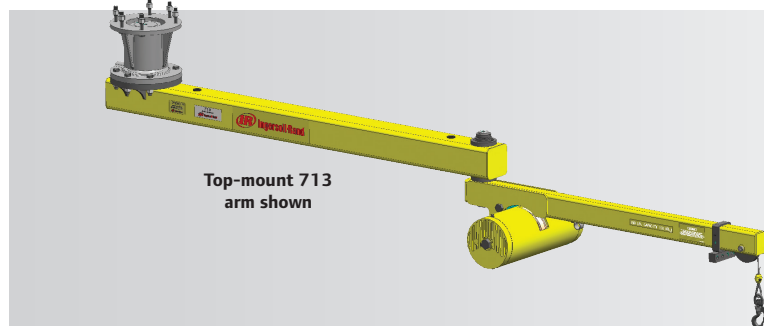
Capacity lb								Top Mount		Bottom Mount	
	A	B	C	D	G	J	K	H	L	H	L
150	72	26	34	6.78	4.25	23.75	12	13.25	8	7.75	13.53
150	84	38	34	6.78	4.25	23.75	12	13.25	8	7.75	13.53
150	96	38	46	6.78	4.25	23.75	12	13.25	8	7.75	13.53
150	108	38	46	6.78	4.25	23.75	24	13.25	8	7.75	13.53
150	120	38	46	6.78	4.25	23.75	36	13.25	8	7.75	13.53
200	72	26	34	6.78	4.25	26	12	13.25	11.13	7.75	13.66
200	84	38	34	6.78	4.25	26	12	13.25	11.13	7.75	13.66
200	96	38	46	6.78	4.25	26	12	13.25	11.13	7.75	13.66
200	108	38	46	6.78	4.25	26	24	13.25	11.13	7.75	13.66
200	120	38	46	6.78	4.25	26	36	13.25	11.13	7.75	13.66
350	72	26	34	6.78	4.25	27	12	13.25	9.96	7.75	14.47
350	84	38	34	6.78	4.25	27	12	13.25	9.96	7.75	14.47
350	96	38	46	6.78	4.25	27	12	13.25	9.96	7.75	14.47
350	108	38	46	6.78	4.25	27	24	13.25	9.96	7.75	14.47
350	120	38	46	6.78	4.25	27	36	13.25	9.96	7.75	14.47
500	72	26	34	6.78	4.25	27	12	13.25	10.63	7.75	14.16
500	84	38	34	6.78	4.25	27	12	13.25	10.63	7.75	14.16
500	96	38	46	8.5	5.5	27	12	13.25	11.38	7.75	16.63
500	108	38	46	8.5	5.5	27	24	13.25	11.38	7.75	16.63
500	120	38	46	8.5	5.5	27	36	13.25	11.38	7.75	16.63

Note: See Page 36 – Arm model driver for configuration options, "X" in base model above requires option selection.



Zimmerman Series Arm Systems

713 Series arm



Features:

- ▶ Mid-mount balancer
- ▶ Over-under boom design with single pivot point for 360° articulation
- ▶ Carriage or column mount
- ▶ Arm lengths of 6, 7, 8, 9, and 10 ft available
- ▶ Integrated 150, 200, 350, or 500 lb balancer

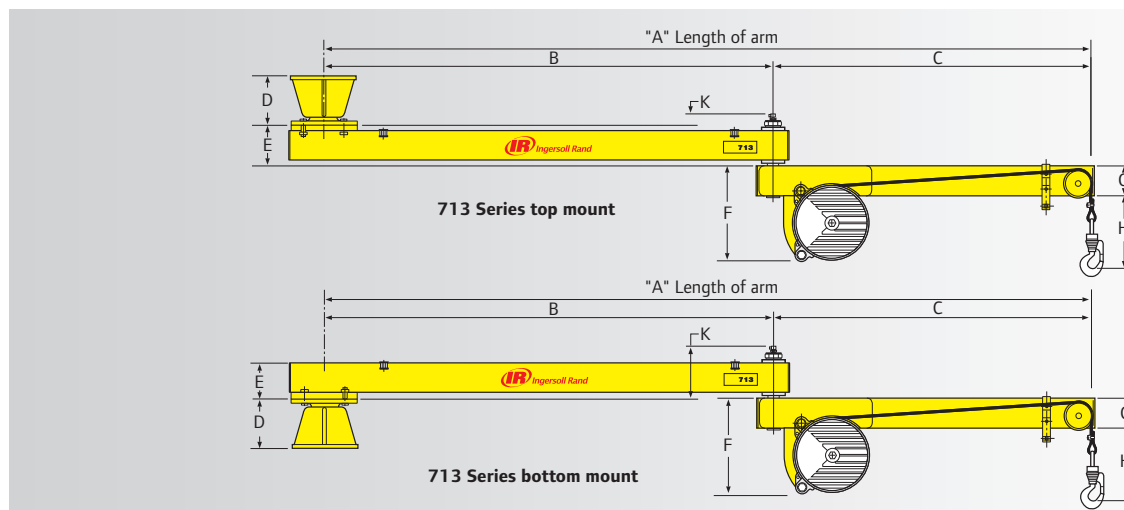
713 Series arm

Base Model	Arm Length ft (m)	Capacity lb (kg)	Weight lb (kg)
71315XXXXXXXX06X	6' (1.83)	150 (65)	151 (69)
71315XXXXXXXX07X	7' (2.13)	150 (65)	166 (75)
71315XXXXXXXX08X	8' (2.44)	150 (65)	175 (80)
71315XXXXXXXX09X	9' (2.74)	150 (65)	184 (84)
71315XXXXXXXX10X	10' (3.05)	150 (65)	228 (104)
71320XXXXXXXX06X	6' (1.83)	200 (90)	197 (90)
71320XXXXXXXX07X	7' (2.13)	200 (90)	213 (97)
71320XXXXXXXX08X	8' (2.44)	200 (90)	224 (102)
71320XXXXXXXX09X	9' (2.74)	200 (90)	235 (107)
71320XXXXXXXX10X	10' (3.05)	200 (90)	281 (128)
71335XXXXXXXX06X	6' (1.83)	350 (155)	233 (106)
71335XXXXXXXX07X	7' (2.13)	350 (155)	246 (112)
71335XXXXXXXX08X	8' (2.44)	350 (155)	261 (119)
71335XXXXXXXX09X	9' (2.74)	350 (155)	258 (117)
71335XXXXXXXX10X	10' (3.05)	350 (155)	271 (123)
71350XXXXXXXX06X	6' (1.83)	500 (225)	261 (119)
71350XXXXXXXX07X	7' (2.13)	500 (225)	275 (125)
71350XXXXXXXX08X	8' (2.44)	500 (225)	276 (125)
71350XXXXXXXX09X	9' (2.74)	500 (225)	335 (152)
71350XXXXXXXX10X	10' (3.05)	500 (225)	351 (160)

713 Series arm – dimensions (inches)

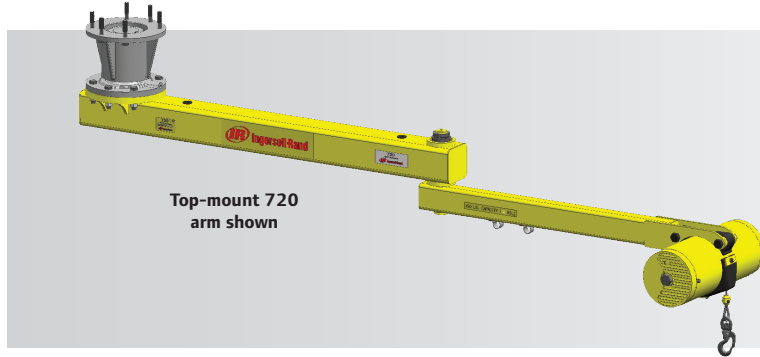
Capacity lb									Top Mount		Bottom Mount	
	A	B	C	D	F	G	H	E	K	E	K	
150	72	41	31	6.78	9.19	3	10	5.46	3	4.75	8.5	
150	84	47	37	6.78	9.19	3	10	5.46	3	4.75	8.5	
150	96	53	43	6.78	9.19	3	10	5.46	3	4.75	8.5	
150	108	59	49	6.78	9.19	3	10	5.46	3	4.75	8.5	
150	120	65	55	6.78	9.19	3	10	5.46	3	4.75	8.5	
200	72	41	31	6.78	12.81	4	9	5.46	3	4.75	8.5	
200	84	47	37	6.78	12.81	4	9	5.46	3	4.75	8.5	
200	96	53	43	6.78	12.81	4	9	5.46	3	4.75	8.5	
200	108	59	49	6.78	12.81	4	9	5.46	3	4.75	8.5	
200	120	65	55	6.78	12.81	4	9	5.46	3	4.75	8.5	
350	72	41	31	6.78	12.81	4	9	5.54	3	4.75	8.5	
350	84	47	37	6.78	12.81	4	9	5.54	3	4.75	8.5	
350	96	53	43	6.78	12.81	4	9	5.54	3	4.75	8.5	
350	108	59	49	6.78	12.81	4	9	6.78	3	6	8.5	
350	120	65	55	6.78	12.81	4	9	6.78	3	6	8.5	
500	72	41	31	6.78	12.81	4	9	5.54	3	4.75	8.5	
500	84	47	37	6.78	12.81	4	9	5.54	3	4.75	8.5	
500	96	53	43	8.5	12.81	4	9	6.79	3	6	8.5	
500	108	59	49	8.5	12.81	4	9	6.79	3	6	8.5	
500	120	65	55	8.5	12.81	4	9	6.79	3	6	8.5	

Note: See Page 36 – Arm model driver for configuration options, "X" in base model above requires option selection.



Zimmerman Series Arm Systems

720 Series arm



Top-mount 720 arm shown

Features:

- ▶ End-mount balancer
- ▶ Over-under boom design with single pivot point for 360° articulation
- ▶ Carriage or column mount
- ▶ Arm lengths of 6, 7, 8, 9, and 10 ft available
- ▶ Available only in 150 lb capacity

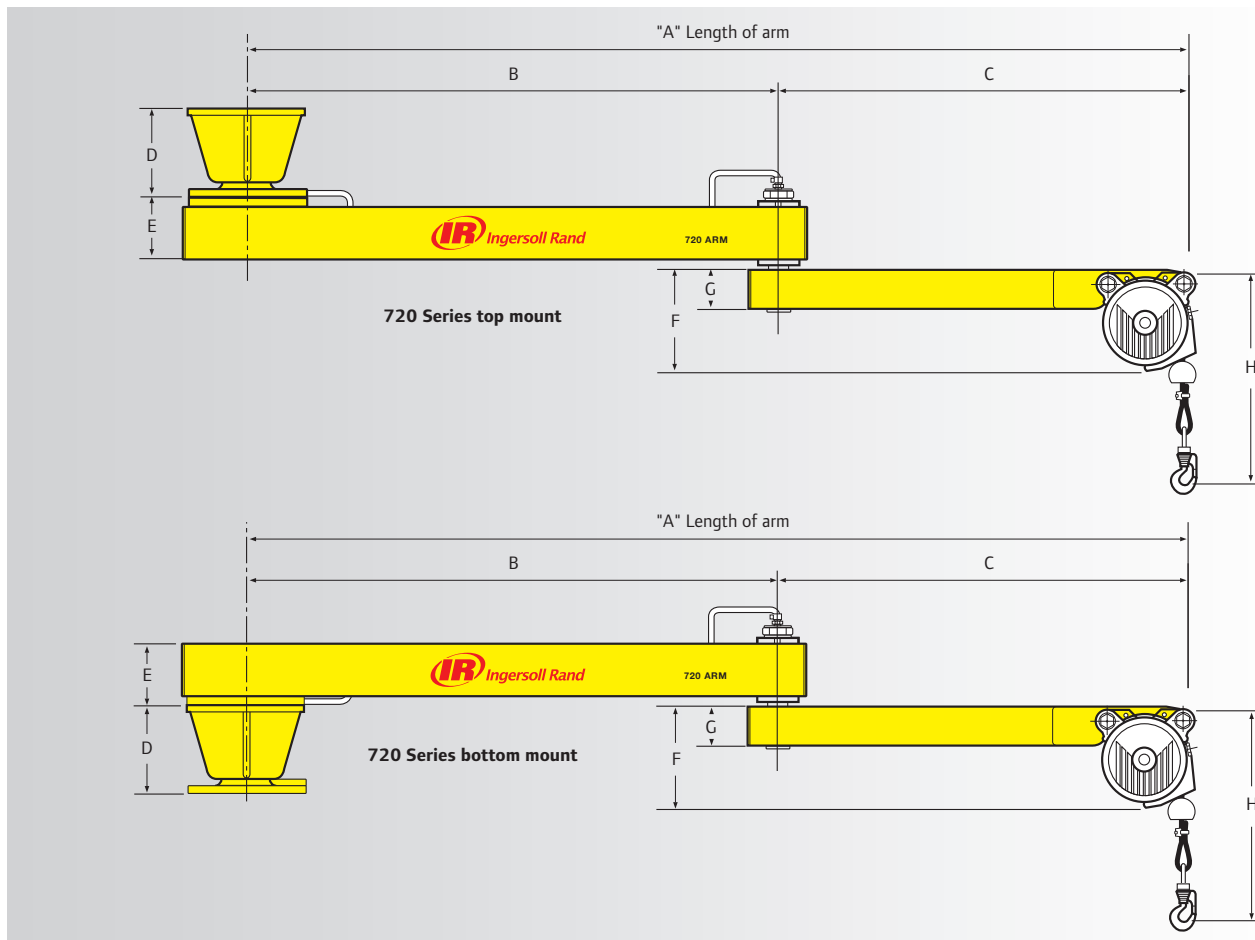
720 Series arm

Base Model	Arm Length ft (m)	Capacity lb (kg)	Weight lb (kg)
72015XXXXXXXX06X	6' (1.83)	150 (65)	218 (99)
72015XXXXXXXX07X	7' (2.13)	150 (65)	237 (108)
72015XXXXXXXX08X	8' (2.44)	150 (65)	248 (113)
72015XXXXXXXX09X	9' (2.74)	150 (65)	263 (120)
72015XXXXXXXX10X	10' (3.05)	150 (65)	275 (125)

720 Series arm – dimensions (inches)

Capacity lb								Top Mount	Bottom Mount
	A	B	C	D	F	G	H	E	E
150	72	41	31	6.78	7.8	3	16.5	5.46	4.75
150	84	47	37	6.78	7.8	3	16.5	5.46	4.75
150	96	53	43	6.78	7.8	3	16.5	5.46	4.75
150	108	59	49	6.78	7.8	3	16.5	5.46	4.75
150	120	65	55	6.78	7.8	3	16.5	5.46	4.75

Note: See Page 36 – Arm model driver for configuration options, "X" in base model above requires option selection.

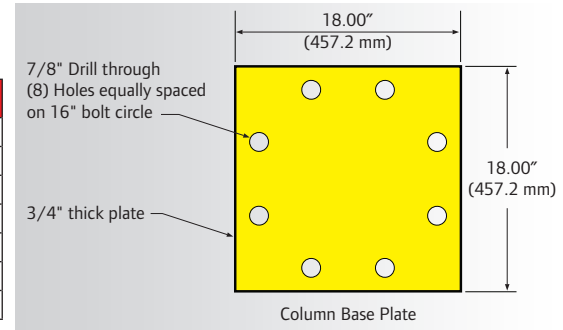


Zimmerman Series Arm Systems

700 Series arm options and accessories

Mounting accessories

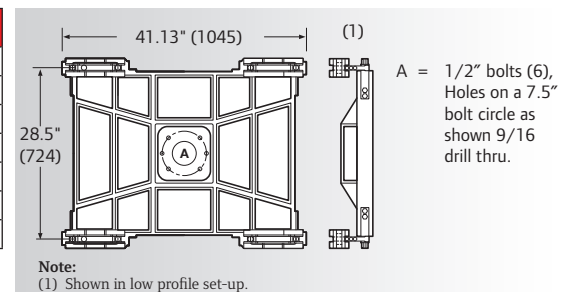
Symbol	Description
A	Overhead mount column 13.12 inches tall (for use with ceiling-mounted arms)
B	Column, 8 feet tall
C	Column, 8 feet 6 inches tall
D	Column, 9 feet tall
E	Column, 10 feet tall
F	Column, 11 feet tall
G	Column, 12 feet tall



Carriages

Symbol	Description	Part No.
NT	Carriage – basic, no trolleys	40710
TR	Carriage assembly – T-rail / I-beam	40709
A2	Carriage assembly – ZRA2 (reaction trolley)	30028-1
S2	Carriage assembly – ZRS2 / ZRS3	30028-2
A1	Carriage assembly – ZRA1	30028-3
E8	Carriage assembly – ETA-8 (reaction trolley)	30028-4
K2	Carriage assembly – KBK2	30028-5

Note: Lightweight ALMAG casting. Basic carriage weighs 60.0 lb (27.3 kg)



Controls

Symbol	Description
ZP	ZA (Zim-Air) up / down pendant control
ZQ	ZA (Zim-Air) up / down pendant control with Quad-Coil
ZT	ZA (Zim-Air) up / down pendant control with Tri-Coil
BA	BA (Balance-Air), single balance control (only for use on 150 lb capacity units)
BZ	BA (Balance-Air) Z-servo, single balance control
EP	EA (Equi-Air) 2PS pressure, load / no-load balance control for use with clamp devices
EV	EA (Equi-Air) 2PS vacuum, load / no-load balance control for use with vacuum devices

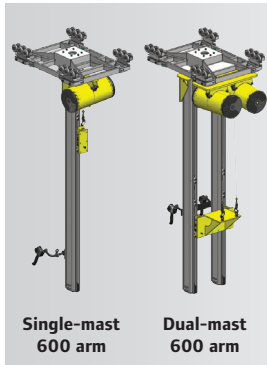
Example: 70015SATT0ZP06A

700 Series Articulating Arm model driver

Style 700	Capacity 15	Balancer Type SA	Mounting Option TT	Carriage Options 0	Controls ZP	Arm Length 06	Mounting Access. A
700	15 = 150 lb (68.2 kg)	SA = Standard balancer	TT = Top mount - Ceiling	0 = No carriage	ZP = ZA pendant control	06 = 6 feet (1.83 m)	0 = No mounting column
713	20 = 200 lb (91 kg)	IA = IntelLIFT balancer (consult factory)	BB = Bottom mount - Column	H = High-profile	ZQ = ZA quad-coil control	07 = 7 feet (2.13 m)	A = 13 in (0.33 m) ceiling mount
720 (150-lb capacity only)	35 = 350 lb (159.1 kg)		NT = Carriage - no trolley	L = Low-profile	ZT = ZA tri-coil control	08 = 8 feet (2.44 m)	B = 8 ft (2.44 m) column
	50 = 500 lb (227.3 kg)		TR = Carriage - T-rail / I-beam		BA = Single balance control	09 = 9 feet (2.74 m)	C = 8.5 ft (2.59 m) column
			A2 = Carriage - ZRA2 (reaction trolley)		BZ = Z-servo balance control	10 = 10 feet (3.05 m)	D = 9 ft (2.74 m) column
			S2 = Carriage - ZRS2 / ZRS3		EP = EA control 2ps pressure		E = 10 ft (3.05 m) column
			A1 = Carriage - ZRA1		EV = EA control 2ps vacuum		F = 11 ft (3.35 m) column
			E8 = Carriage - ETA8 (reaction trolley)				G = 12 ft (3.66 m) column
			K2 = Carriage - KBK2				
			Note: A1 carriage mount option is only available for arms with less than 200 lb (90 kg) capacity and less than 8 ft (2.44 m) arm length.				

Zimmerman Series Arm Systems

600 Series arm



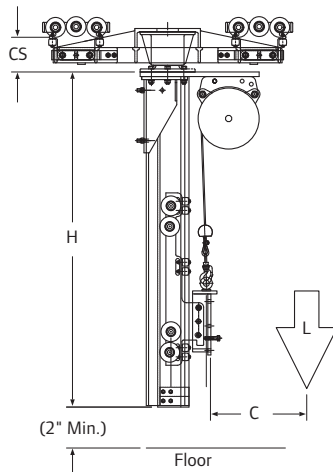
Features:

- ▶ Rigid mast guides load with up to 100 inch travel
- ▶ Accommodates offset loads up to 72 inches from mast
- ▶ 360° Arm rotation
- ▶ Carriage mount for overhead rail system suspension
- ▶ Integrated single, reeved, or tandem balancer to handle up to 1,000 lb

600 Series arm

Base Model	Capacity lb (kg)	Max. Travel in (mm)	Notes
SINGLE MAST CONFIGURATION			
60015XA1XXXXX	150 (68.2)	80 (2032)	1x Balancer
60020XA1XXXXX	200 (90.9)	120 (3048)	1x Balancer
60035XA1XXXXX	350 (159.1)	80 (2032)	1x Balancer
60050XA1XXXXX	500 (227.3)	80 (2032)	1x Balancer
6007RXA1XXXXX	700 (318.2)	40 (1016)	1x Bal. (reeved)
6007TXA1XXXXX	700 (318.2)	80 (2032)	2x Balancer
6001RXA1XXXXX	1,000 (454.5)	40 (1016)	1x Bal. (reeved)
6001TXA1XXXXX	1,000 (454.5)	80 (2032)	2x Balancer
DUAL MAST CONFIGURATION			
60015XA2XXXXX	150 (68.2)	80 (2032)	1x Balancer
60020XA2XXXXX	200 (90.9)	120 (3048)	1x Balancer
60035XA2XXXXX	350 (159.1)	80 (2032)	1x Balancer
60050XA2XXXXX	500 (227.3)	80 (2032)	1x Balancer
6007RXA2XXXXX	700 (318.2)	40 (1016)	1x Bal. (reeved)
6007TXA2XXXXX	700 (318.2)	80 (2032)	2x Balancer
6001RXA2XXXXX	1,000 (454.5)	40 (1016)	1x Bal. (reeved)
6001TXA2XXXXX	1,000 (454.5)	80 (2032)	2x Balancer

Note: See Page 38 – Arm model driver for configuration options. Note: "X" in base model above requires option selection.



600 Series arm - allowable mast configurations

Load (L) max lb (kg)	Load CG (C) max in (mm)	Mast Ht. (H) max in (mm)	Max Hook Travel in (mm)	
SINGLE MAST CONFIGURATION				
150 (68.2)	12 (305)	144 (3658)	80 (2032)	
	24 (610)	144 (3658)	80 (2032)	
	36 (914)	144 (3658)	80 (2032)	
	48 (1219)	144 (3658)	80 (2032)	
	60 (1524)	138 (3505)	80 (2032)	
	72 (1829)	114 (2896)	74 (1880)	
	200 (90.9)	12 (305)	144 (3658)	104 (2642)
		24 (610)	144 (3658)	104 (2642)
36 (914)		144 (3658)	104 (2642)	
48 (1219)		126 (3200)	86 (2184)	
60 (1524)		102 (2591)	62 (1575)	
72 (1829)		84 (2134)	44 (1118)	
350 (159.1)		12 (305)	144 (3658)	80 (2032)
		24 (610)	144 (3658)	80 (2032)
	36 (914)	96 (2438)	56 (1422)	
	48 (1219)	72 (1829)	32 (813)	
	60 (1524)	60 (1524)	20 (508)	
	72 (1829)	48 (1219)	8 (203)	
	500 (227.3)	12 (305)	144 (3658)	80 (2032)
		24 (610)	102 (2591)	62 (1575)
36 (914)		66 (1676)	26 (660)	
48 (1219)		54 (1372)	14 (356)	
700 (318.2)		12 (305)	138 (3505)	40/80 (1016/2032)
		24 (610)	72 (1829)	26/32 (660/813)
		36 (914)	48 (1219)	2/8 (51/203)
1000 (454.5)		12 (305)	96 (2438)	40/56 (1016/1422)
	24 (610)	54 (1372)	8/14 (203/356)	
	DUAL MAST CONFIGURATION			
150 (68.2)	60 (1524)	144 (3658)	80 (2032)	
	72 (1829)	144 (3658)	80 (2032)	
	200 (90.9)	48 (1219)	144 (3658)	104 (2642)
60 (1524)		144 (3658)	104 (2642)	
72 (1829)		144 (3658)	104 (2642)	
350 (159.1)	36 (914)	144 (3658)	80 (2032)	
	48 (1219)	144 (3658)	80 (2032)	
	60 (1524)	120 (3048)	80 (2032)	
500 (227.3)	72 (1829)	102 (2591)	62 (1575)	
	24 (610)	144 (3658)	80 (2032)	
	36 (914)	144 (3658)	80 (2032)	
700 (318.2)	48 (1219)	144 (3658)	80 (2032)	
	12 (305)	144 (3658)	40/80 (1016/2032)	
	24 (610)	144 (3658)	40/80 (1016/2032)	
1000 (454.5)	36 (914)	102 (2591)	40/62 (1016/1575)	
	12 (305)	144 (3658)	40/80 (1016/2032)	
	24 (610)	108 (2743)	40/68 (1016/1727)	

Zimmerman Series Arm Systems

600 Series arm options and accessories

Masts

Symbol	Description	Part No.
A	ZRA2 mast, 4' (1.22 m) Long	30000-040-2
B	ZRA2 mast, 4' 6" (1.37 m) Long	30000-045-2
C	ZRA2 mast, 5' (1.52 m) Long	30000-050-2
D	ZRA2 mast, 5' 6" (1.68 m) Long	30000-055-2
E	ZRA2 mast, 6' (1.83 m) Long	30000-060-2
F	ZRA2 mast, 6' 6" (1.98 m) Long	30000-065-2
G	ZRA2 mast, 7' (2.13 m) Long	30000-070-2
H	ZRA2 mast, 7' 6" (2.29 m) Long	30000-075-2
J	ZRA2 mast, 8' (2.44 m) Long	30000-080-2
K	ZRA2 mast, 8' 6" (2.59 m) Long	30000-085-2
M	ZRA2 mast, 9' (2.74 m) Long	30000-090-2
N	ZRA2 mast, 9' 6" (2.90 m) Long	30000-095-2
P	ZRA2 mast, 10' (3.05 m) Long	30000-100-2
Q	ZRA2 mast, 10' 6" (3.20 m) Long	30000-105-2
R	ZRA2 mast, 11' (3.35 m) Long	30000-110-2
S	ZRA2 mast, 11' 6" (3.51 m) Long	30000-115-2
T	ZRA2 mast, 12' (3.66 m) Long	30000-120-2

Carriages

Symbol	Description	Stack-up ⁽¹⁾ (CS)	Part No.
NT	Carriage - basic, no trolleys	-	40710
TR	Carriage - T-rail / I-beam	5.46	40709
A2	Carriage - ZRA2 (reaction trolley)	5.97	30028-1
S2	Carriage - ZRS2 / ZRS3	5.97	30028-2
A1	Carriage - ZRA1	8.44	30028-3
E8	Carriage - ETA-8 (reaction trolley)	7.16	30028-4
K2	Carriage - KBK2	5.97	30028-5

Note: Lightweight ALMAG casting. Carriage weighs 60.0 lb (27.3 kg)

(1) Dimension is from the rail running surface to the base of the pivot. Changes with brake option.

Controls

Symbol	Description	Controls Subassembly No.	
		1x Mast	2x Mast
Z	ZA (Zim-Air) up / down pendant control	54039847	54039854

Brake options

Symbol	Description	Part No.
0	No brake	-
P	Pin-lock brake (hard stops every 45 degrees)	54039722
B	Bumper friction brake	54039730
C	Caliper brake	54040977

Example: 60015SA1A2ZPG

600 Series Arm model driver

Style 600	Capacity - Vertical Travel 15	Balancer Type SA	Single or Dual Mast 1	Carriage Option A2	Controls Z	Brake Options P	Mast Length G
600	15 = 150 lb (68.2 kg) - 80 in (2032 mm) 20 = 200 lb (90.9 kg) - 120 in (3048 mm) 35 = 350 lb (159.1 kg) - 80 in (2032 mm) 50 = 500 lb (227.3 kg) - 80 in (2032 mm) 7R = 700 lb (318.2 kg) - 40 in (1016 mm) 7T = 700 lb (318.2 kg) - 80 in (2032 mm) 1R = 1000 lb (454.5 kg) - 40 in (1016 mm) 1T = 1000 lb (454.5 kg) - 80 in (2032 mm)	SA = Standard balancer IA = IntelLIFT balancer (consult factory)	1 = single mast 2 = dual mast	A1 = Carriage - ZRA1 A2 = Carriage - ZRA2 (reaction trolley) S2 = Carriage - ZRS2 S3 = Carriage - ZRS3 TR = T-Rail / I-Beam E8 = Carriage - ETA8 (reaction trolley) K2 = Carriage - KBK22	Z = ZA pendant control (includes dummy handle)	0 = No brake P = Pin-lock brake (hard stops every 45 degrees) B = Bumper friction brake (soft stop at any point on 360 degree rotation) C = Caliper brake	A = 4 ft (1.22 m) B = 4 ft 6 in (1.37 m) C = 5 ft (1.52 m) D = 5 ft 6 in (1.68 m) E = 6 ft (1.83 m) F = 6 ft 6 in (1.98 m) G = 7 ft (2.13 m) H = 7 ft 6 in (2.29 m) J = 8 ft (2.44 m) K = 8 ft 6 in (2.59 m) M = 9 ft (2.59 m) N = 9 ft 6 in (2.90 m) P = 10 ft (3.05 m) Q = 10 ft 6 in (3.20 m) R = 11 ft (3.35 m) S = 11 ft 6 in (3.51 m) T = 12 ft (3.66 m)
	Note: R = Reeved balancer T = Tandem balancer			Note: All Ingersoll Rand 600 arms use a low profile carriage.			