



15/105DL

Articulating Crane Technical Specifications

15/105DL Lifting Capacities

15/105DL - 1 Hydraulic

	7430 lb 3370 kg 14'-2" 4.3 m	5135 lb 2330 kg 20'-4" 6.2 m
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15/105DL - 2 Hydraulic

	7145 lb 3240 kg 14'-2" 4.3 m	4850 lb 2200 kg 20'-8" 6.3 m	3640 lb 1650 kg 27'-3" 8.3 m
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15/105DL - 3 Hydraulic

	6790 lb 3080 kg 14'-6" 4.4 m	4540 lb 2060 kg 20'-8" 6.3 m	3350 lb 1520 kg 27'-3" 8.3 m	2645 lb 1200 kg 34'-1" 10.4 m
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15/105DL - 4 Hydraulic

	6480 lb 2940 kg 14'-10" 4.5 m	4255 lb 1930 kg 20'-10" 6.4 m	3045 lb 1400 kg 27'-7" 8.4 m	2380 lb 1080 kg 34'-5" 10.5 m	1940 lb 880 kg 41'-8" 12.7 m
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15/105DL - 5 Hydraulic

	6195 lb 2810 kg 15'-1" 4.6 m	4010 lb 1820 kg 21'-4" 6.5 m	2845 lb 1290 kg 27'-11" 8.5 m	2140 lb 970 kg 34'-10" 10.6 m	1700 lb 770 kg 42'-0" 12.8 m	1435 lb 650 kg 48'-11" 14.9 m
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15/105DL - 6 Hydraulic

	5930 lb 2690 kg 15'-1" 4.6 m	3770 lb 1710 kg 21'-8" 6.6 m	2625 lb 1190 kg 28'-2" 8.6 m	1940 lb 880 kg 35'-1" 10.7 m	1500 lb 680 kg 42'-4" 12.9 m	1235 lb 560 kg 49'-2" 15.0 m	1060 lb 480 kg 56'-5" 17.2 m
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Minimum Chassis Specifications

Front Axle Rating (GAWR)	12,000 lb (5,445 kg)
Rear Axle Rating (GAWR)	21,000 lb (9,525 kg)
Resistance To Bending Moment	1,850,000 in-lb (213,145 kg-m)



Note: Crane appearance subject to change.

15/105DL Specifications

Outrigger Pad Diameter	
Crane Storage Height	7' 5" (2,250 mm)
Mounting Space ***	2' 8" (820 mm)
Rotational Torque	12,295 ft-lb (1.7 tm)
Rotation	400°
Optimum Pump Performance	13.2 gpm (50 L/min)
System Pressure	4,350 psi (300 bar)
Oil Reservoir Capacity	23.8 gal (90 L)
Outrigger Extension Span	
Standard (manual out / hydraulic down)	15' 2" (4,615 mm)
Weight	440 lb (200 kg)
Opt. 1 (manual out / hydraulic down)	18' 4" (5,590 mm)
Weight	518 lb (235 kg)
Opt. 2 (hydraulic out / hydraulic down)	21' 3" (6,470 mm)
Weight	660 lb (300 kg)

15/105DL	1 - Hydraulic	2 - Hydraulic	3 - Hydraulic	4 - Hydraulic	5 - Hydraulic	6 - Hydraulic
Crane Rating*	104,880 ft-lb (14.5 tm)	101,260 ft-lb (14.0 tm)	98,370 ft-lb (13.6 tm)	95,475 ft-lb (13.2 tm)	92,580 ft-lb (12.8 tm)	90,410 ft-lb (12.5 tm)
Maximum Horizontal Reach	20' 4" (6.2 m)	27' 3" (8.3 m)	34' 1" (10.4 m)	41' 8" (12.7 m)	48' 11" (14.9 m)	56' 5" (17.2 m)
Maximum Vertical Reach	28' 7" (8.7 m)	35' 5" (10.8 m)	42' 4" (12.9 m)	49' 10" (15.2 m)	57' 1" (17.4 m)	64' 8" (19.7 m)
Maximum Capacity	13,470 lb (6,110 kg)	13,115 lb (5,950 kg)	12,520 lb (5,680 kg)	11,970 lb (5,430 kg)	11,465 lb (5,200 kg)	11,000 lb (4,990 kg)
Max Cap @ Max Reach	5,135 lb (2,330 kg)	3,640 lb (1,650 kg)	2,645 lb (1,200 kg)	1,940 lb (880 kg)	1,435 lb (650 kg)	1,060 lb (480 kg)
Crane Weight **	3,130 lb (1,420 kg)	3,440 lb (1,560 kg)	3,750 lb (1,700 kg)	4,045 lb (1,835 kg)	4,310 lb (1,955 kg)	4,520 lb (2,050 kg)
Hook Approach						
Vertical	9' 1" (2.76 m)	8' 11" (2.71 m)	8' 7" (2.62 m)	8' 4" (2.53 m)	8' 0" (2.44 m)	7' 9" (2.35 m)
Horizontal	2' 5" (0.74 m)	2' 7" (0.79 m)	2' 9" (0.84 m)	2' 11" (0.89 m)	3' 1" (0.94 m)	3' 3" (1.0 m)
Center of Gravity - Stored						
Vertical	2' 7" (785 mm)	2' 7" (800 mm)	2' 8" (820 mm)	2' 9" (835 mm)	2' 9" (850 mm)	2' 10" (860 mm)
Horizontal (C/L RotTo Bridge)	13.0" (330 mm)	12.8" (325 mm)	12.4" (315 mm)	12.0" (305 mm)	11.8" (300 mm)	11.0" (280 mm)

* Crane rating (ft-lb) is the rated load (lb) multiplied by the respective distance (ft) from centerline of rotation with all extensions retracted and the inner and outer booms in a horizontal position, per ANSI B30.22. ** Crane weight does not include outriggers. *** Maximum swing clearance radius required is 25" (620 mm) at 7'-10" (2390 mm).

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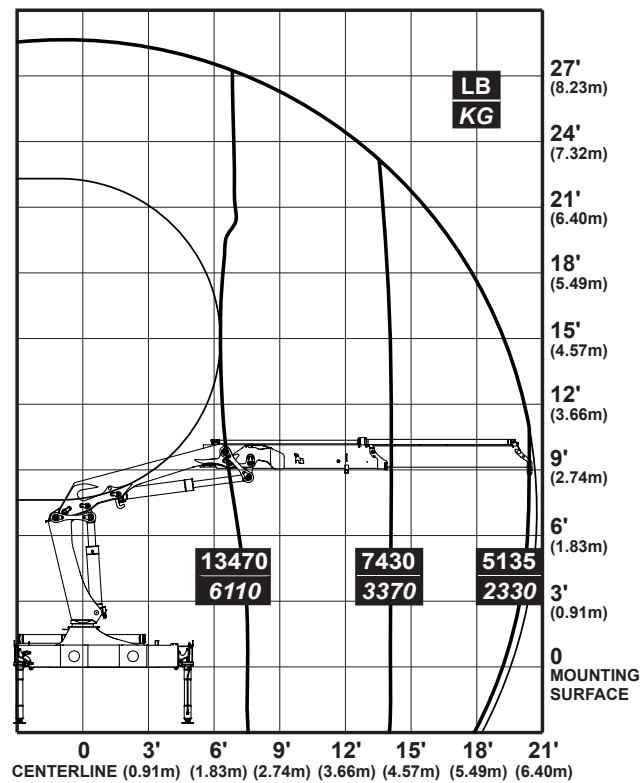


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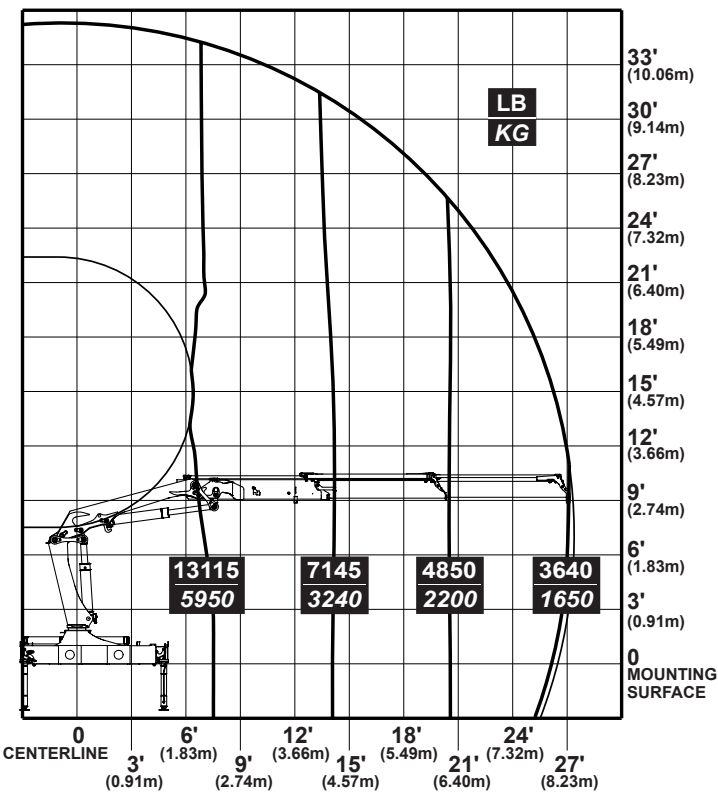
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Capacity Charts

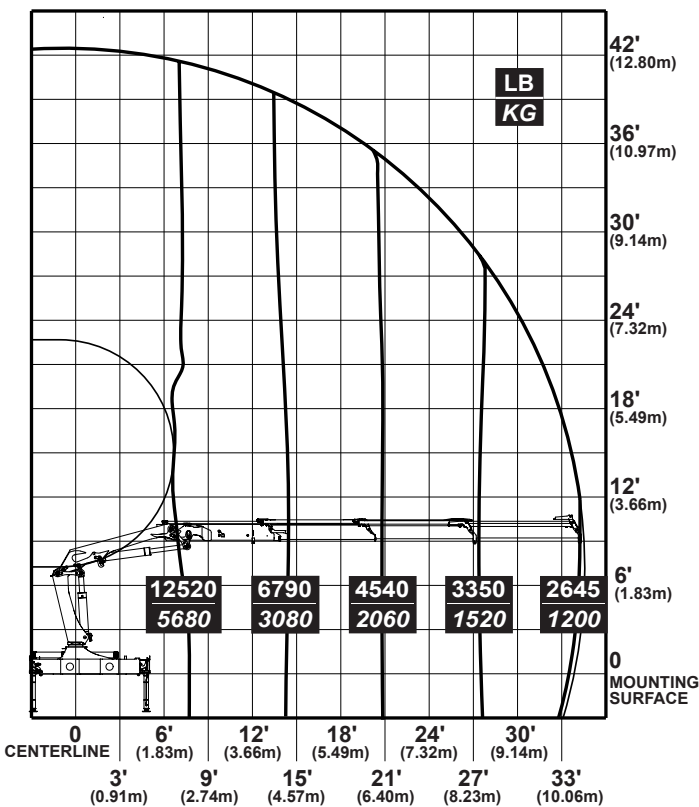
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2-Hydraulic



3-Hydraulic

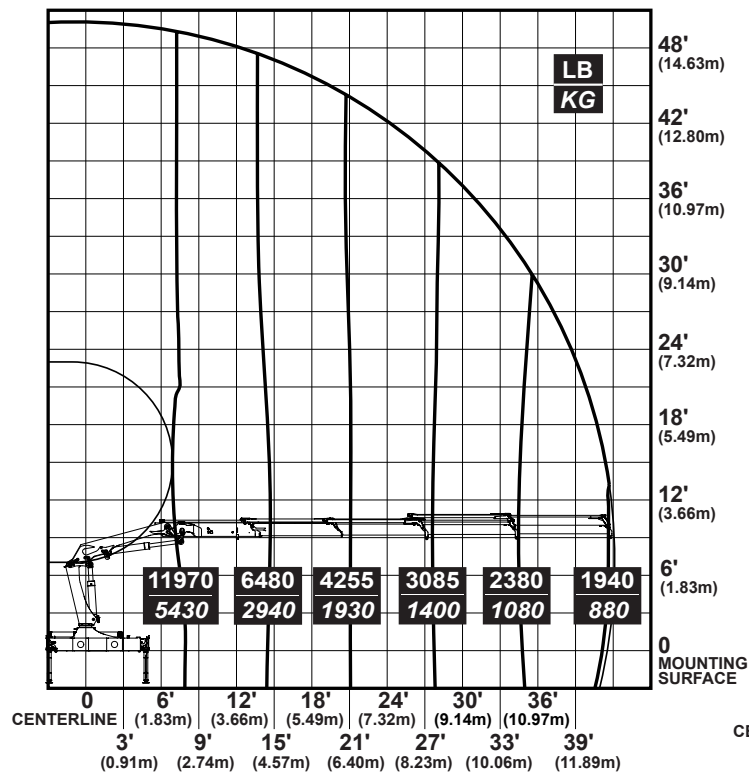




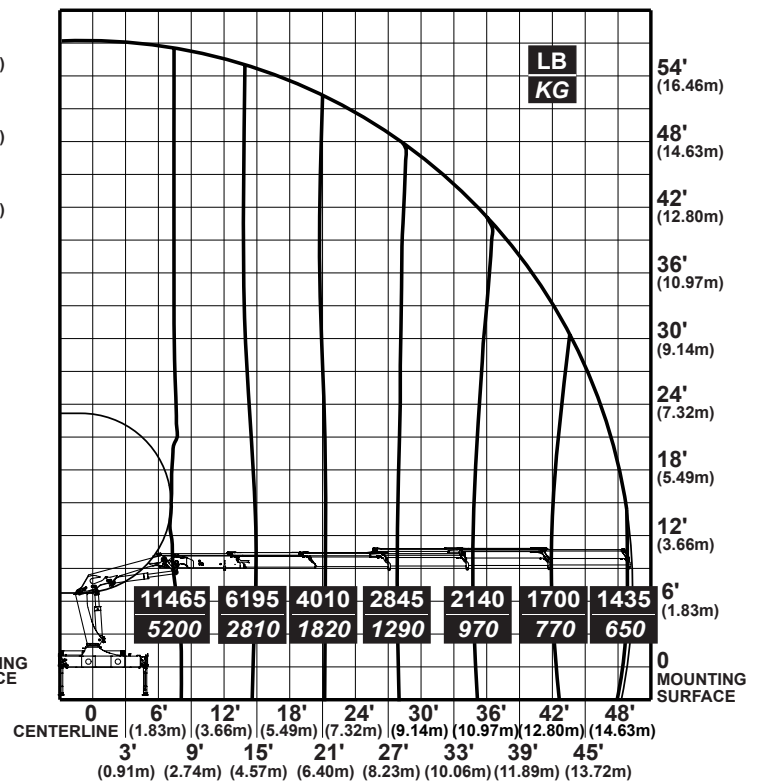
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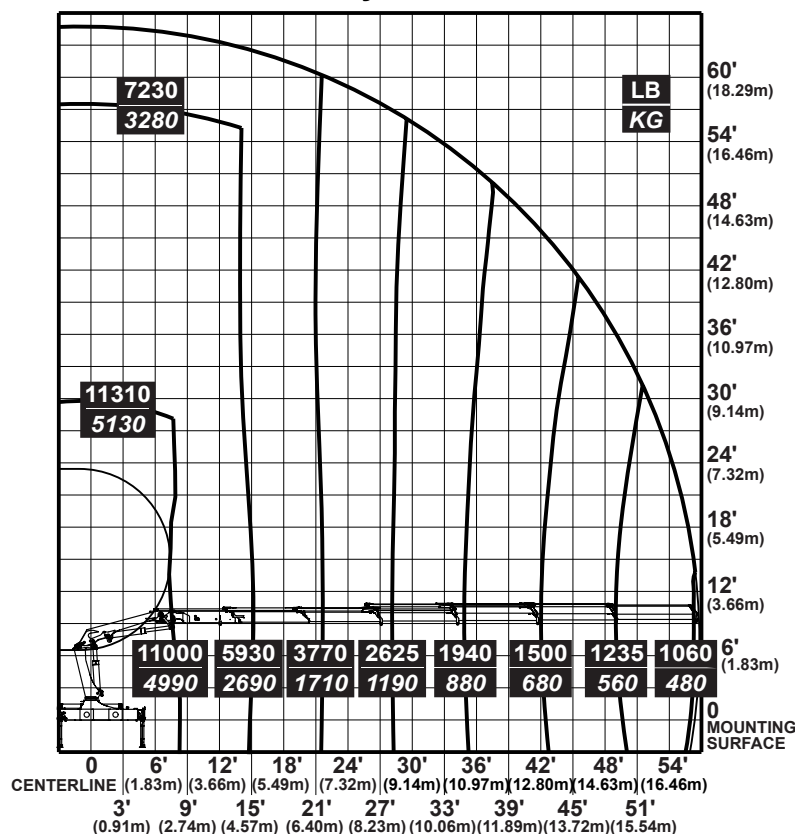
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5-Hydraulic



6-Hydraulic



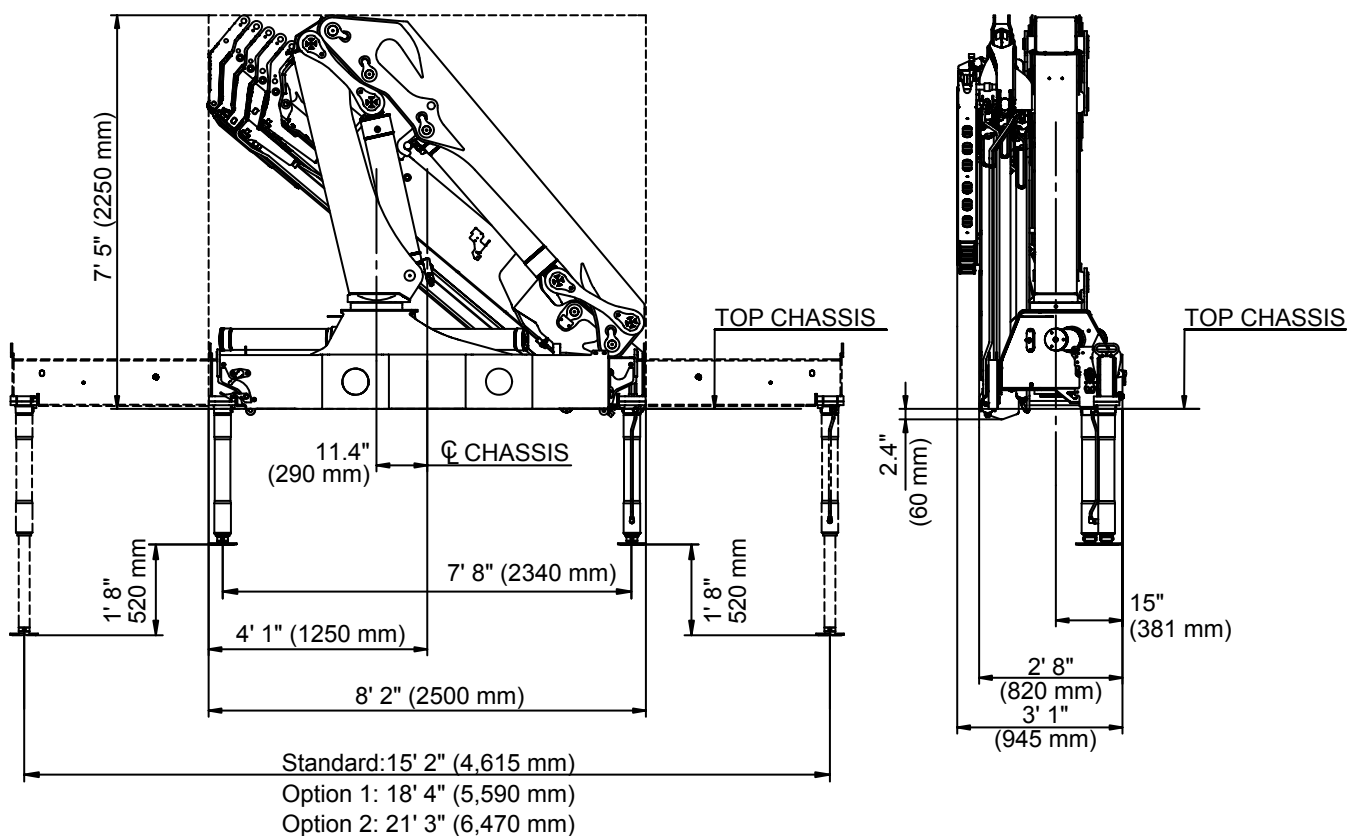
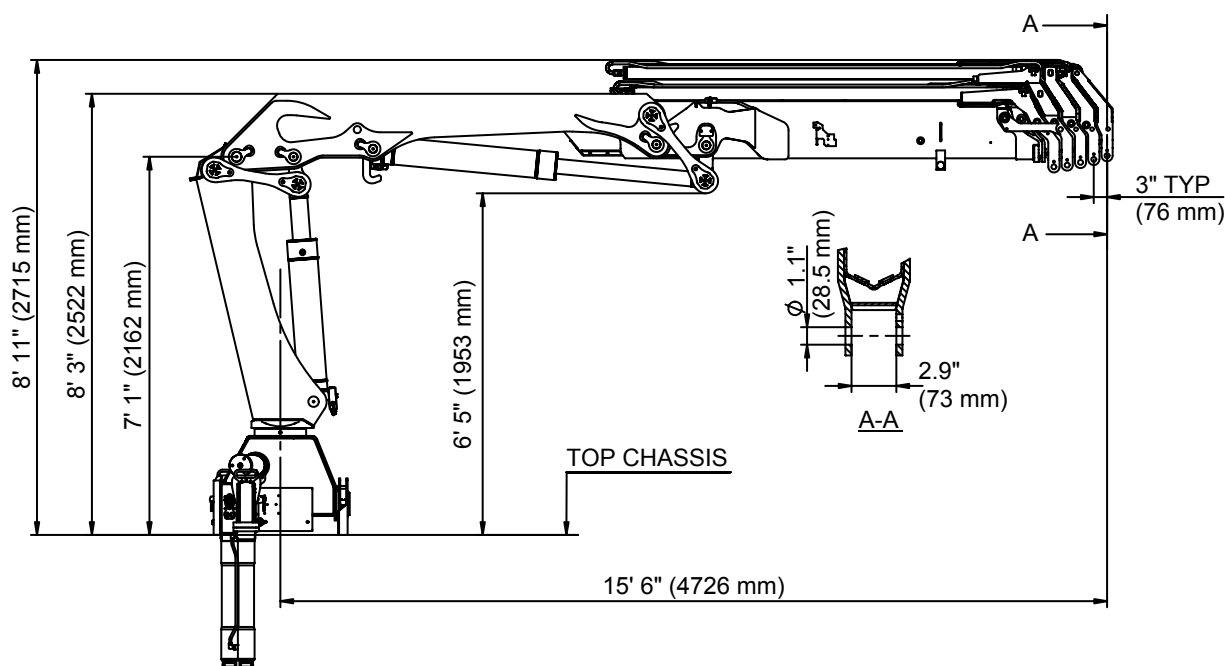


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Geometric Configurations



Iowa Mold Tooling Co., Inc.

500 Highway 18 West P.O. Box 189 Garner, Iowa 50438-0189
800-247-5958 641-923-3711 Fax: 641-923-6063 www.imt.com

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