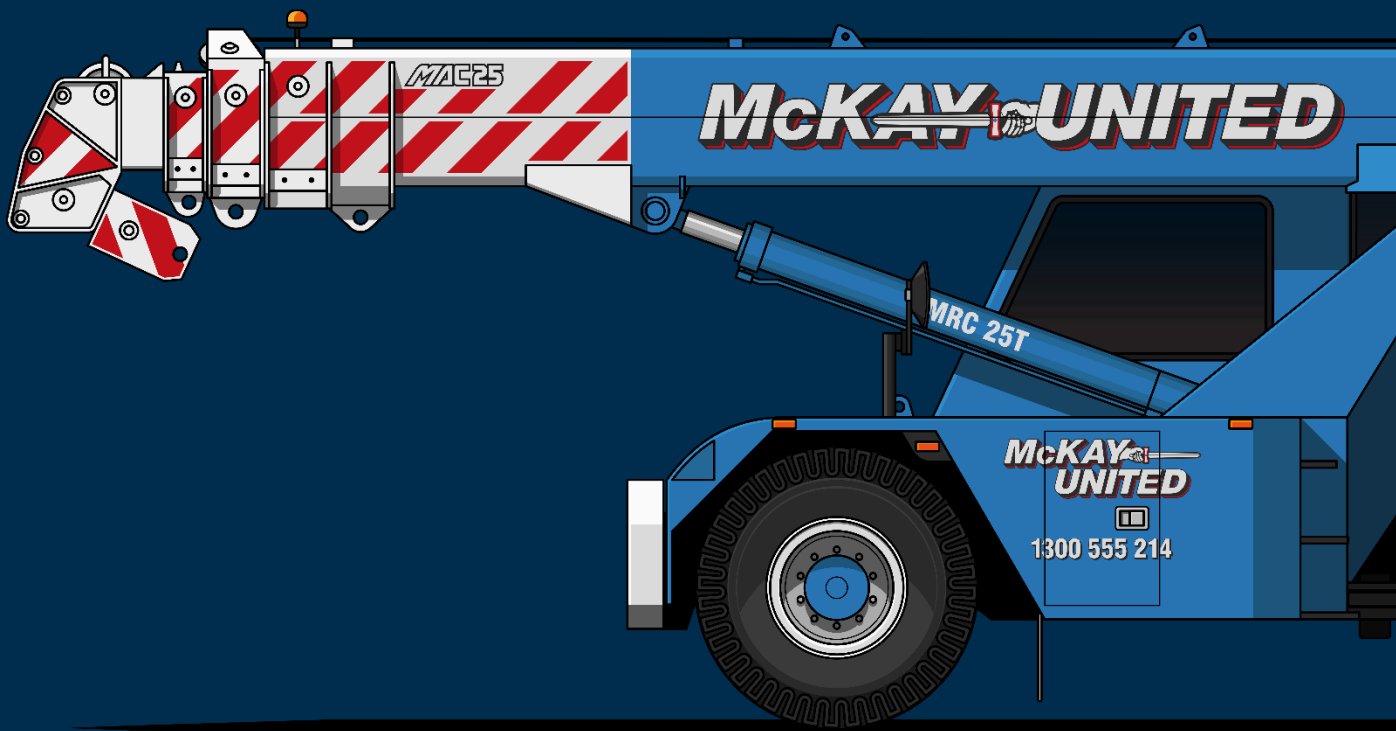


McKAY-UNITED

CRANE HIRE 1300 555 214



Maximum Capacity

25t



Maximum Boom Length

19m

25t FRANNA

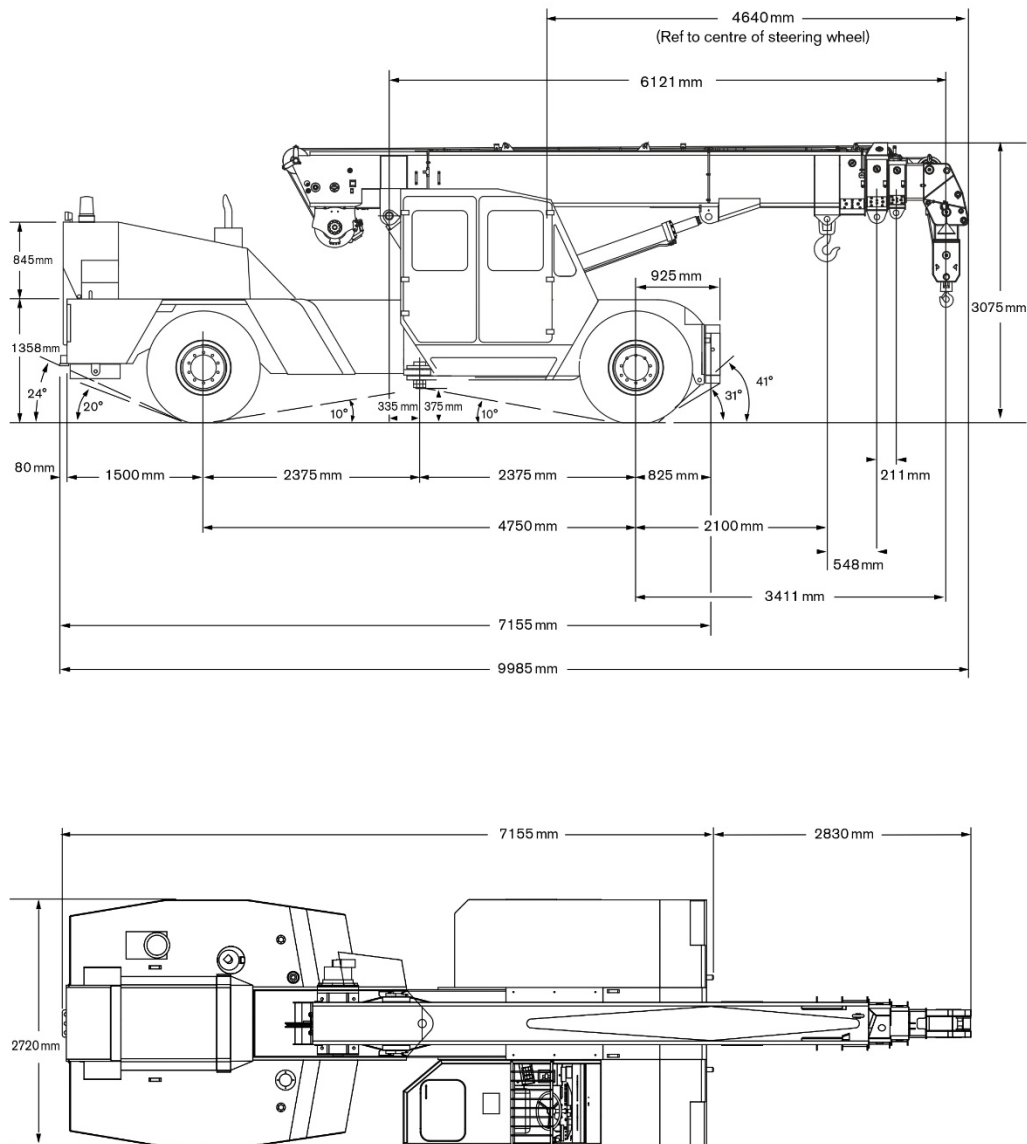
Technical Datasheet

MCKAYUNITED.COM.AU

DIMENSIONS

Crane Dimensions

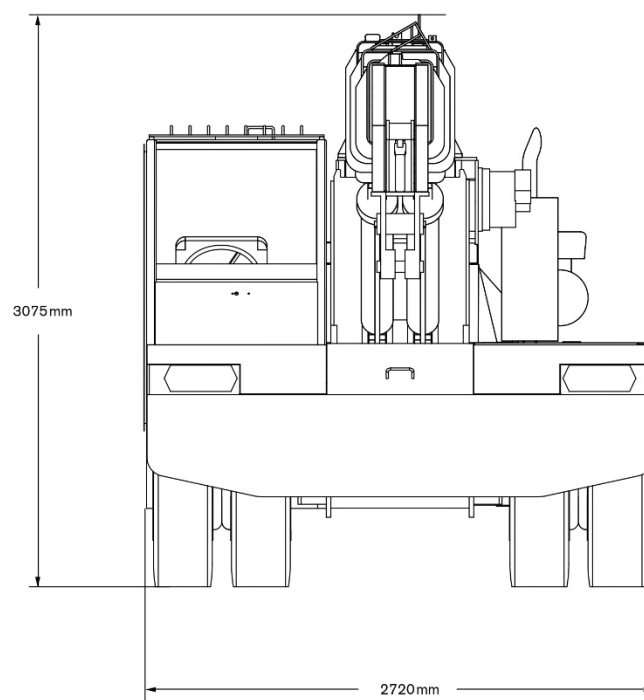
MAC 25-4



DIMENSIONS

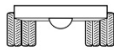
Crane Dimensions

MAC 25-4

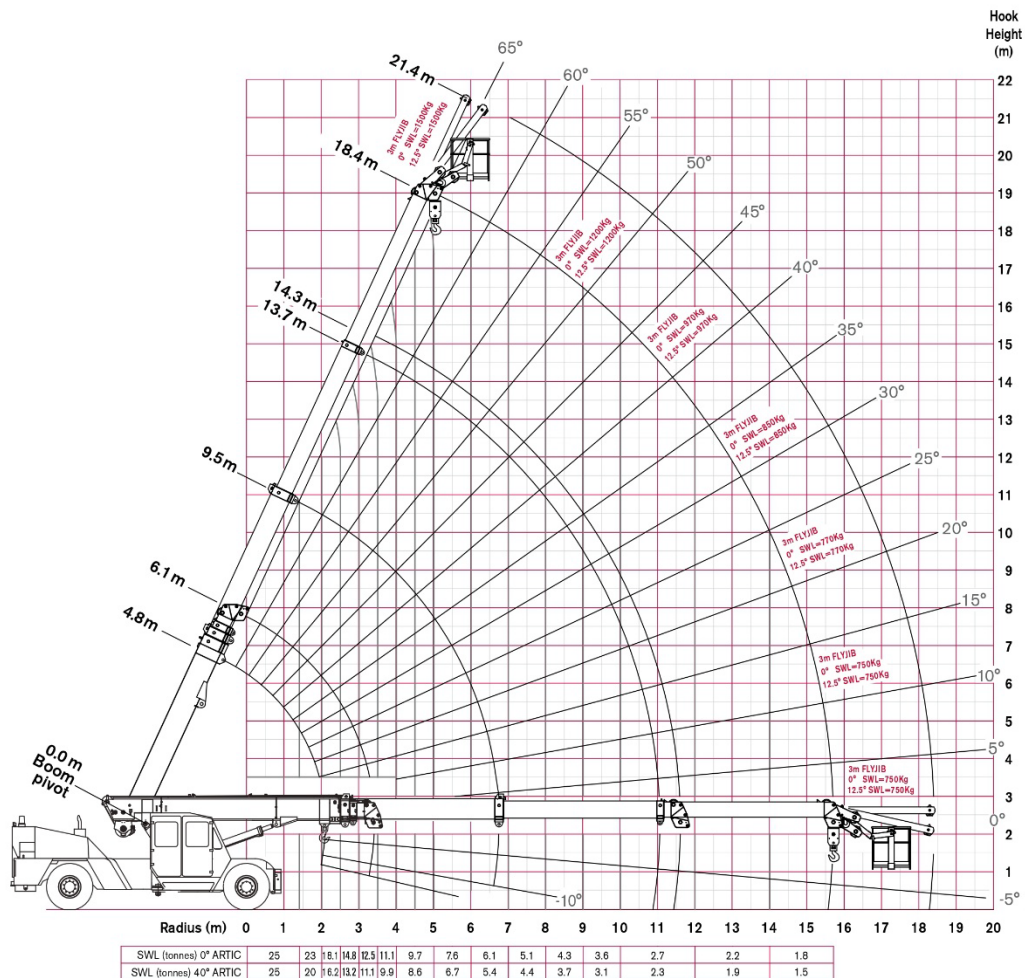


RADIUS LOAD CHART

MAC 25-4

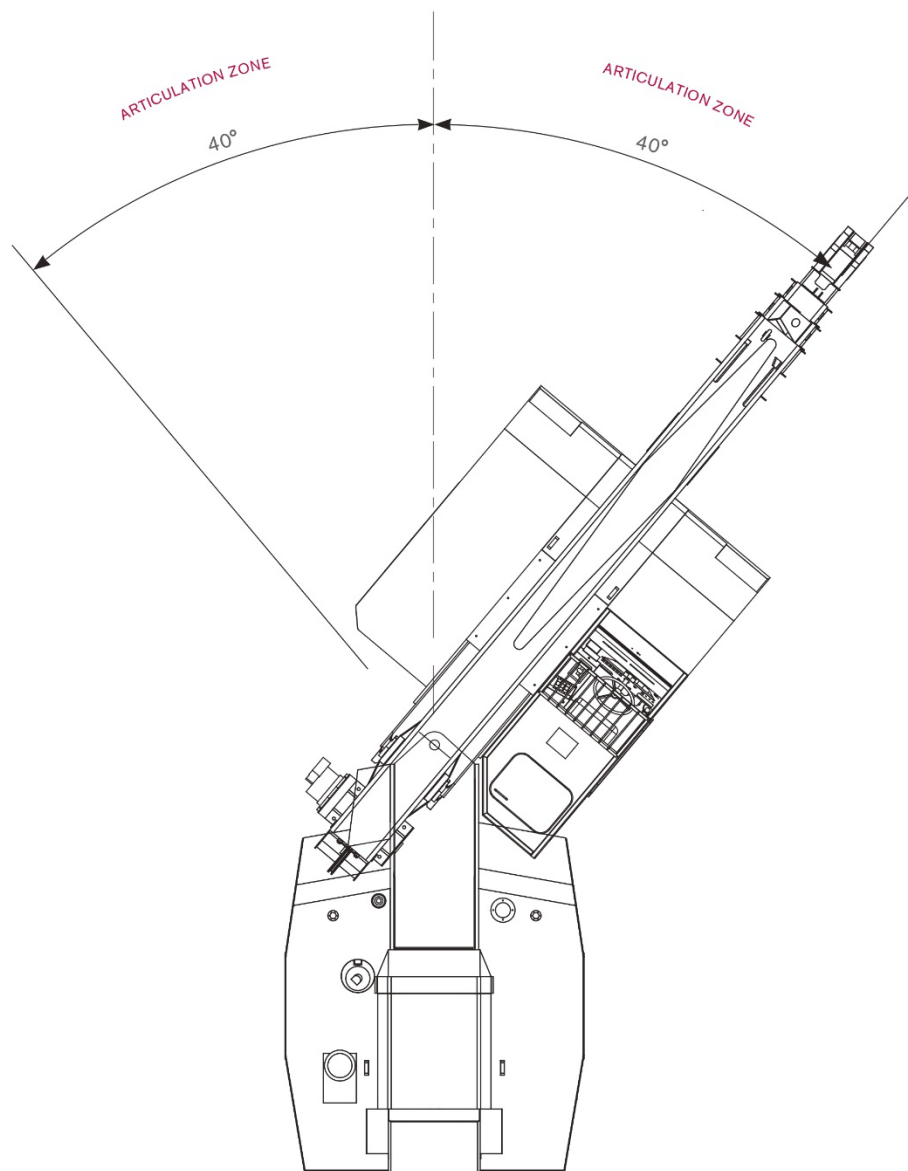


Pick & Carry 0.4 m/s (1.44 km/h); On rubber 66.6%



AREA OF OPERATION

MAC 25-4



LOAD CHART

MAC 25-4

Fallblock, Front Counterweight, 3rd Boom Retracted



Pick & Carry 0.4m/s (1.44 km/h); On rubber 66.6%



6.1–14.0 m

AS 1418.5

		Boom Length (m)														
		6.1	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	11.0	12.0	13.0	14.0		
m	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	m	
1.4	24000	23950	23950	23950	23900	23900	23550								1.4	
	23450	23450	23400	23400	23400	23350	23350									
	49°	52°	56°	58°	61°	63°	65°									
2.0	20100	20050	20050	20000	19950	19950	19900	19850	19850						2.0	
	18050	18000	17950	17900	17900	17850	17850	17800	17800							
	41°	45°	49°	52°	55°	58°	60°	62°	64°							
2.5	15800	15750	15750	15700	15700	15650	15650	15600	15600	15550					2.5	
	15100	15100	15050	15050	15000	15000	14950	14950	14950	14900						
	14150	14100	14100	14050	14050	14000	14000	13950	13950	13900						
3.0	12900	12900	12850	12850	12850	12800	12800	12750	12750	12700	12700				3.0	
	12350	12350	12300	12300	12300	12250	12250	12200	12200	12150	12150					
	11500	11500	11500	11450	11450	11450	11400	11400	11350	11350	11300					
3.5	10850	10800	10800	10800	10800	10750	10750	10750	10700	10700	10650	10650			3.5	
	10350	10350	10350	10350	10300	10300	10300	10250	10250	10200	10200	10200				
	9650	9650	9650	9600	9600	9600	9550	9550	9550	9500	9500	9100				
4.0	(3.5)	19°	28°	35°	40°	44°	47°	50°	53°	57°	61°	63°			4.0	
		9600	9250	9250	9250	9250	9250	9200	9200	9150	9150	9150	9100			
		9200	8850	8850	8850	8850	8800	8800	8800	8750	8750	8700	8700			
5.0		8550	8250	8250	8200	8200	8200	8200	8150	8150	8100	8050	8150		5.0	
	(3.9)	18°	27°	34°	39°	43°	46°	49°	54°	58°	61°	63°				
		7350	6450	6250	6250	6250	6250	6250	6200	6200	6200	6200	6050			
6.0															6.0	
7.0															7.0	
8.0															8.0	
9.0															9.0	
10															10	
11															11	
12															12	

- RC (kg) at 0° articulation
- RC (kg) at 25° articulation
- RC (kg) at 40° articulation
- Boom angle
- Radius at 0° boom angle
- Loads above red line are structural

Notes to lifting capacity

Lifting capacities do not exceed 66.6% of tipping load. Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings. Consult Rated Capacity Manual for further details.

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LOAD CHART

MAC 25-4

Fallblock, Front Counterweight, 3rd Boom Extending

 Pick & Carry 0.4 m/s (1.44 km/h);
 On rubber 66.6%

 15.0–18.42 m

AS 1418.5

m	Boom Length (m)				m
	15.0	16.0	17.0	18.4	
kg	kg	kg	kg	kg	
1.4					1.4
2.0					2.0
2.5					2.5
3.0					3.0
3.5					3.5
4.0					4.0
5.0	7050	7150	7250		5.0
	6750	6800	6900		
	5800	5500	5350		
	61°	63°	65°		
6.0	5650	5700	5800	5900	6.0
	5350	5450	5500	5600	
	4850	4700	4550	4350	
	56°	59°	61°	64°	
7.0	4600	4700	4800	4850	7.0
	4400	4450	4550	4650	
	4050	4050	3950	3800	
	51°	54°	57°	60°	
8.0	3850	3950	4000	4100	8.0
	3650	3750	3800	3900	
	3350	3450	3450	3350	
	45°	49°	52°	56°	
9.0	3250	3350	3400	3500	9.0
	3100	3150	3250	3300	
	2800	2900	2950	2950	
	39°	44°	47°	52°	
10	2800	2850	2950	3000	10
	2600	2700	2750	2850	
	2400	2450	2500	2600	
	33°	38°	42°	47°	
11	2400	2500	2550	2650	11
	2250	2350	2400	2500	
	2000	2100	2150	2250	
	24°	32°	37°	43°	
12	2050	2150	2200	2300	12
	1900	2000	2100	2150	
	1700	1800	1850	1950	
	12°	24°	31°	38°	
13	1950	1850	1950	2000	13
	1800	1750	1800	1900	
	1600	1550	1600	1700	
	(12.4)	12°	23°	32°	
14		1750	1700	1800	14
		1450	1400	1500	
		(13.4)	12°	25°	
15			1600	1550	15
			1300	1300	
			(14.4)	17°	
15.71				1400	15.71
				1150	
				(15.8)	

- RC (kg) at 0° articulation
- RC (kg) at 25° articulation
- RC (kg) at 40° articulation
- Boom angle
- Radius at 0° boom angle
- Loads above red line are structural

Notes to lifting capacity

Lifting capacities do not exceed 66.6% of tipping load.
 Weight of hook blocks and slings is part of the load, and
 is to be deducted from the capacity ratings.
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 Rated Capacity Manual both supplied with the crane.

LOAD CHART

MAC 25-4

Fallblock, Rear Counterweight, Third Boom Retracted



Pick & Carry 0.4m/s (1.44 km/h); On rubber 66.6%



6.1–14.0 m

AS 1418.5

		Boom Length (m)														
		6.1	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	11.0	12.0	13.0	14.0		
m	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	m	
1.4	25000	25000	25000	2500	24500	23950	23550								1.4	
	24800	24800	24800	24750	24550	24000	23600									
	49°	52°	56°	58°	61°	63°	65°									
2.0	22950	22950	22900	22900	22850	22800	22800	22750	22750						2.0	
	20550	20550	20500	20450	20450	20400	20350	20350	20300							
	41°	45°	49°	52°	55°	58°	60°	62°	64°							
2.5	18100	18100	18050	18000	18000	17950	17950	17900	17900	17850					2.5	
	17300	17300	17250	17250	17200	17200	17150	17150	17150	17100						
	16150	16150	16100	16100	16050	16050	16000	16000	15950	15100						
3.0	14800	14800	14800	14800	14750	14750	14700	14700	14700	14650	14550				3.0	
	14200	14150	14150	14150	14100	14100	14050	14050	14050	14000	13450					
	13200	13200	13200	13150	13150	13100	13100	13100	13050	12650	11450					
3.5	12500	12450	12450	12450	12450	12400	12400	12400	12350	12350	12300	12300	12300		3.5	
	11950	11900	11900	11900	11900	11850	11850	11850	11800	11800	11750	11600				
	11100	11100	11100	11050	11050	11050	11000	11000	11000	10850	9900	9100				
4.0	(3.5)	19°	28°	35°	40°	44°	47°	50°	53°	57°	61°	63°			4.0	
		11100	10700	10700	10700	10700	10650	10650	10650	10600	10600	10600	10550			
		10600	10200	10200	10200	10200	10200	10150	10150	10150	10100	10100	10100	10100		
5.0		9850	9500	9500	9500	9500	9450	9450	9450	9400	8750	8050	9400		5.0	
		(3.9)	18°	27°	34°	39°	43°	46°	49°	54°	58°	61°	63°			
			9650	8500	8250	8250	8250	8250	8250	8200	8200	8200	8150	8150		
6.0			9200	8100	7850	7850	7850	7850	7850	7800	7800	7800	7750		6.0	
			8500	7500	7250	7250	7250	7250	7250	7250	7250	7050	6500	6100		
			(4.4)	(4.9)	17°	26°	32°	37°	40°	46°	51°	55°	58°			
7.0			7550	6750	6600	6600	6600	6600	6600	6600	6550	6550	6550		7.0	
			7200	6450	6250	6250	6250	6250	6250	6250	6250	6250	6200	6200		
			6650	5950	5800	5800	5800	5800	5800	5800	5750	5450	5100			
8.0			(5.4)	(5.9)	16°	24°	30°	38°	44°	49°	53°			8.0		
					6100	5550	5400	5400	5400	5400	5400	5400	5400			
					5800	5250	5150	5150	5150	5150	5100	5100	5100			
9.0					5350	4850	4750	4750	4750	4700	4700	4700	4350		9.0	
					(6.4)	(6.9)	15°	29°	37°	42°	47°					
							5050	4550	4550	4550	4550	4550	4550			
10										4800	4300	4300	4300	4300	10	
										4400	3950	3950	3950	3850		
										(7.4)	14°	27°	35°	41°		
11											4250	3850	3850	3850	11	
											4000	3650	3650	3650		
											3650	3300	3300	3300		
12											(8.4)	14°	26°	34°	12	
												3600	3300	3300		
												3400	3100	3100		
13												3100	2800	2800	13	
												(9.4)	13°	25°		
													3100	2850		
14													2950	2700	14	
													2650	2400		
													(10.4)	13°		
15														2700	15	
														2550		
														2250		
16														(11.4)	16	

- RC (kg) at 0° articulation
- RC (kg) at 25° articulation
- RC (kg) at 40° articulation
- Boom angle
- (°) Radius at 0° boom angle
- Loads above red line are structural

Notes to lifting capacity

Lifting capacities do not exceed 66.6% of tipping load. Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings. Consult Rated Capacity Manual for further details.

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