

# RATED CAPACITY CHART - FALL BLOCK

Duty: **301**

COUNTERWEIGHT STANDARD + EXTRA (SL)  
POSITION: REAR OF CRANE

	BOOM LENGTH - 3rd BOOM RETRACTED										3rd BOOM EXTENDING								Rad
	6.12	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.42		
1.4	25000	25000	25000	25000	24500	23950	23550											1.4	
	25000	25000	25000	25000	24550	24000	23600												
	49	52	56	58	61	63	65												
2.0	23350	23300	23300	23300	23250	23250	23250	23250	23200									2.0	
	22550	22500	22500	22500	22450	22450	22450	22400	22400										
	41	45	49	52	55	58	60	62	64										
2.5	21500	21500	21450	21450	21400	21400	21350	21350	21300	19100								2.5	
	20550	20500	20500	20450	20450	20400	20400	20350	20350	17750									
	19100	19050	19050	19000	19000	18950	18950	18900	17950	15900									
	33	38	43	47	51	54	56	58	60	64									
3.0	17650	17650	17650	17600	17600	17600	17550	17550	17500	17500	14550							3.0	
	16850	16850	16850	16800	16800	16750	16750	16750	16700	16350	13450								
	15650	15650	15650	15600	15600	15550	15550	15500	14900	13350	12100								
	22	30	36	41	46	49	52	54	57	60	64								
3.5	14950	14900	14900	14900	14850	14850	14850	14800	14800	14800	13450	12600						3.5	
	14250	14200	14200	14200	14200	14150	14150	14150	14100	14100	12450	11600							
	13200	13200	13200	13150	13150	13150	13100	13100	12750	11500	10500	9650							
	(3.5)	19	28	35	40	44	47	50	53	57	61	63							
4.0		13300	12850	12850	12850	12800	12800	12800	12800	12750	12400	11600	11000					4.0	
		12700	12250	12250	12200	12200	12200	12200	12150	12150	11650	10850	10200						
		11750	11350	11350	11300	11300	11300	11300	11150	11150	10050	9250	8550	7950					
	(3.9)	18	27	34	39	43	46	49	54	58	61	63							
5.0			11600	10250	9950	9950	9950	9950	9900	9900	9900	9850	9600	9200	8950	8700		5.0	
			11050	9750	9450	9450	9450	9450	9450	9400	9400	9400	9000	8600	8200	7950			
			10200	9000	8750	8750	8750	8750	8700	8700	8100	7450	6900	6450	6150	5950	5750		
		(4.4)	(4.9)	17	26	32	37	40	46	51	55	58	61	63	65				
6.0					9150	8200	8000	8000	8000	8000	8000	7950	7950	8000	7800	7600	6950	6.0	
					8700	7800	7600	7600	7600	7600	7600	7550	7550	7550	7300	7100	6400		
					8000	7200	7000	7000	7000	7000	6850	6250	5800	5400	5200	5000	4850	4650	
				(5.4)	(5.9)	16	24	30	38	44	49	53	56	59	61	64			
7.0							7450	6800	6650	6650	6650	6600	6600	6650	6750	6800	6400	7.0	
							7050	6450	6300	6300	6300	6250	6250	6300	6400	6400	5950		
							6500	5900	5800	5800	5400	5000	4650	4450	4300	4200	4050		
						(6.4)	(6.9)	15	29	37	42	47	51	54	57	60			
8.0										6200	5600	5600	5600	5600	5650	5750	5800	5900	8.0
										5900	5300	5300	5300	5300	5350	5450	5500	5550	
										5400	4850	4850	4400	4100	3900	3800	3700	3550	
									(7.4)	14	27	35	41	45	49	52	56		
9.0											5250	4800	4800	4800	4850	4950	5000	5100	9.0
											5000	4550	4550	4550	4600	4650	4750	4800	
											4550	4150	4000	3650	3500	3350	3300	3150	
									(8.4)	14	26	34	39	44	47	52			
10.0												4550	4150	4150	4200	4300	4350	4450	10.0
												4300	3900	3900	4000	4050	4150	4200	
												3900	3550	3350	3150	3050	2950	2850	
									(9.4)	13	25	33	38	42	47	47			
11.0													3950	3650	3700	3800	3850	3950	11.0
													3700	3400	3500	3550	3650	3700	
													3350	3050	2900	2800	2700	2600	
									(10.4)	13	24	32	37	43	43				
12.0														3450	3250	3350	3400	3500	12.0
														3250	3050	3150	3200	3300	
														2900	2650	2550	2500	2350	
									(11.4)	12	24	31	38						
13.0															3100	2950	3050	3100	13.0
															2900	2800	2850	2950	
															2600	2400	2300	2200	
									(12.4)	12	23	32							
14.0																2850	2700	2800	14.0
															2400	2150	2050		
														(13.4)	12	25			
15.0																	2600	2500	15.0
																	2200	1900	
																(14.4)	17		
15.71																		2300	15.71
																		1900	
																	(15.8)		
										12.00	13.00	14.00	15.00	16.00	17.00	18.42			

**WINCH RATED CAPACITY**

SINGLE PART	4200
TWO PARTS	8400
FOUR PARTS	16800
SIX PARTS	25000

- UNITS:**
- ANGLES IN DEGREES
  - LENGTHS IN METRES
  - LOAD IN KILOGRAMS

**KEY:**

9950	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
9450	RC @ ARTIC: 25°	PITCH: -2.3	ROLL: -3.0
8750	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
17	BOOM ANGLE		
(5.9)	RADIUS AT ZERO BOOM ANGLE		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.