

MAC-25 FALL BLOCK LOAD CHART SPECIAL 2-PART - 10 DEG. ART

LMI DUTY

301

STANDARD 1500 KG COUNTERWEIGHT (PLMXF2009) + EXTRA 2160 KG COUNTERWEIGHT (PLMXF2019-) ON REAR OF CRANE - SPRING LOCKOUTS ENGAGED

8400 S.W.L IN KILOGRAMS FOR SLEW ANGLES OF 10 DEGREES OR LESS EITHER SIDE OF STRAIGHT AHEAD (INDICATED BY GREEN LED ON DASH).
8400 BOOM ANGLE - UNDEFLECTED (REF.)

S.W.L. ARE BASED ON 66.7% STABILITY & STRENGTH FOR PICK & CARRY LIFTS
 S.W.L. ARE BASED ON 75% STABILITY & STRENGTH FOR STATIC LIFTS
 S.W.L. ARE BASED ON FIRM LEVEL GROUND WITH TYRES INFLATED AS PER NOTES
 S.W.L. ABOVE BOLD RED LINE ARE STRUCTURAL
 S.W.L. BELOW BOLD BLUE LINE ARE STATIC LIFT ONLY - NOT PICK AND CARRY

NOTE: VALUES IN BRACKETS () ARE ACTUAL RADIUS AT ZERO DEG. BOOM ANGLE.
 LIFT & CARRY - THE S.W.L. SHALL BE CARRIED WITH THE MINIMUM BOOM LENGTH & AS CLOSE TO THE GROUND AS POSSIBLE AT SPEEDS NOT IN EXCESS OF 0.4 M/SEC

Radius in Metres	BOOM PIVOT TO HEAD SHEAVES - THIRD BOOM RETRACTED (metres)																THIRD BOOM EXTENDING (metres)									
	6.12	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.32	14.50	15.00	15.50	16.00	16.50	17.00	17.50	18.00	18.42
1.4	8400	8400	8400	8400	8400	8400	8400	8400																		
	48	51	54	57	59	61	63	65																		
2.0	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400															
	40	44	48	51	54	57	59	61	62	64	65															
2.5	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400													
	32	37	42	46	50	52	55	57	59	61	62	63	65													
3.0	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400											
	21	29	35	41	45	48	51	53	55	57	59	61	62	63	64	65										
3.5	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400								
	(3.4)	17	28	34	39	43	47	49	52	54	56	58	59	61	62	63	65	65								
4.0	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400	8400							
	(3.8)	17	27	33	38	42	45	48	51	53	55	56	58	59	61	62	63	64	65							
5.0	8400	8400	8300	8300	8300	8250	8250	8250	8250	8200	8200	8200	8200	8200	8200	8150	8200	8200	8250	8300	8250	8150	8000	7900		
	(4.3)	(4.8)	16	25	31	36	40	43	46	48	50	52	54	56	58	58	59	61	62	63	63	64	65			
6.0			7700	6900	6650	6650	6650	6650	6600	6600	6600	6600	6600	6600	6550	6550	6550	6600	6650	6700	6750	6750	6800	6800	6850	
			(5.3)	(5.8)	15	24	30	34	38	41	44	46	48	50	53	53	55	56	57	58	60	61	61	62		
7.0					6250	5650	5450	5450	5450	5450	5450	5450	5400	5400	5400	5400	5400	5450	5500	5550	5550	5600	5650	5650	5700	
					(6.3)	(6.8)	14	23	28	33	36	39	42	44	48	48	50	52	53	54	56	57	58	59		
8.0							5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	
							(7.3)	(7.8)	13	22	27	31	35	38	42	43	45	47	48	50	51	53	54	55		
9.0									5400	5400	5400	5400	5400	5400	5400	5400	5400	5450	5500	5500	5500	5400	5350	5250	5150	
									(8.3)	(8.8)	13	21	26	30	35	36	39	41	43	45	47	48	50	51		
10											5150	4800	4650	4650	4650	4700	4750	4750	4800	4850	4900	4800	4750	4700		
											(9.3)	(9.8)	12	20	28	29	32	35	38	40	42	44	45	47		
11														4450	4200	4100	4100	4150	4200	4200	4250	4300	4350	4350	4350	
														(10.3)	(10.8)	17	19	24	28	31	34	37	39	41	42	
12																3750	3700	3650	3700	3750	3750	3800	3850	3850	3900	
																(11.6)	(11.8)	12	19	23	27	30	33	36	37	
13																		3500	3350	3300	3350	3400	3450	3450	3500	
																		(12.3)	(12.8)	11	18	23	27	30	32	
14																			3200	3050	3050	3050	3100	3100		
																			(13.3)	(13.8)	11	18	22	25		
15																					2900	2800	2800	2800		
																					(14.3)	(14.8)	10	16		
15.71																							2700	2600		
																							(15.3)	(15.7)		

NOTE : WEIGHT OF HOOKS, BLOCKS & OTHER LOAD HANDLING DEVICES SHALL BE ADDED TO THE WEIGHT OF THE LOAD