

KATO KRM-13H ROUGH TERRAIN HYDRAULIC CRANE CHART 1

TOTAL RATED LOAD IN KILOGRAMS
THIS DOCUMENT SHOULD BE READ IN CONJUNCTION WITH THE A.C.S.

WORKING RADIUS (m)	OUTRIGGERS AT MAXIMUM EXTENSION (4.75m) (360°)					OUTRIGGERS AT MEDIUM EXTENSION (3.7m) (OVER THE SIDE)					OUTRIGGERS AT MEDIUM EXTENSION (2.7m) (OVER THE SIDE)					OUTRIGGERS AT MINIMUM EXTENSION (1.64m) (OVER THE SIDE)								
	5.3m BOOM	9.04m BOOM	12.78m BOOM	16.52m BOOM	20.26m BOOM	24.0m BOOM	5.3m BOOM	9.04m BOOM	12.78m BOOM	16.52m BOOM	20.26m BOOM	24.0m BOOM	5.3m BOOM	9.04m BOOM	12.78m BOOM	16.52m BOOM	20.26m BOOM	24.0m BOOM	5.3m BOOM	9.04m BOOM	12.78m BOOM	16.52m BOOM	20.26m BOOM	24.0m BOOM
1.5	13000	6000	6000				12000	6000	6000				8000	6000	6000				8000	6000	6000			
1.7	13000	6000	6000				12000	6000	6000				12000	6000	6000				7000	6000	6000			
2.0	12000	6000	6000	5000			12000	6000	6000	5000			12000	6000	6000	5000			5600	5400	5000	4700		
2.5	10000	6000	6000	5000			10000	6000	6000	5000			8500	6000	6000	5000			3800	3800	3600	3500		
3.0	8200	6000	6000	5000	4700		8200	6000	6000	5000	4700		6000	6000	6000	5000	4700		2800	2800	2700	2700	2600	
3.5	7000	6000	6000	5000	4700	3200	7000	6000	6000	5000	4700	3200	4700	4700	4600	4500	4400	3200	2100	2100	2000	2100	2100	2100
4.0	6100	6000	6000	5000	4700	3200	6100	6000	6000	5000	4700	3200	4700	4700	3700	3700	3700	3200	1600	1600	1550	1700	1700	1750
4.5		5500	5400	5000	4500	3200		5000	5000	5000	4500	3200	4500	4500	3000	3100	3100	3000	1250	1250	1200	1400	1400	1450
5.0		5000	4900	4600	4050	3200		4300	4400	4400	4050	3200	4050	4050	2400	2600	2700	2700	950	950	950	1100	1200	1250
5.5		4500	4400	4200	3700	3200		3700	3800	3800	3700	3200	3700	3700	2000	2200	2300	2300	750	750	750	900	1000	1050
6.0		4100	4000	3800	3400	3000		3100	3300	3300	3000	3000	3300	3000	1700	1700	2000	2050	600	600	550	750	800	900
6.5		3700	3650	3500	3150	2800		2700	2850	2900	2750	2750	2900	2750	1400	1400	1700	1750	400	400	350	600	650	750
7.0		3350	3300	3200	2900	2600		2300	2500	2600	2500	2500	2600	2500	1200	1200	1500	1550	250	250	250	450	550	600
8.0		2700	2700	2700	2500	2250		1850	1900	2000	2100	2100	2000	2100	900	850	1150	1200						
9.0		(7.7m)	2200	2300	2200	1950		(7.7m)	1350	1500	1600	1700	1700	1700	(7.7m)	600	800	900	950					
10.0			1800	1900	1950	1750			1050	1200	1300	1400	1400	1400		350	550	650	750					
11.0			1450	1600	1750	1550			800	1000	1100	1150	1150	1150		400	500	600	600					
12.0			1300	1400	1500	1400			650	800	900	950	950	950		250	350	450	450					
13.0			(11.4m)	1200	1300	1250			(11.4m)	600	750	800	800	800			200	300	300					
14.0				1000	1100	1150				450	600	650	650	650			200	200	200					
15.0				850	950	1000				350	450	550	550	550										
16.0					800	900				350	450	450	450	450										
17.0					700	800				250	350	350	350	350										
18.0					600	680				250	350	250	250	250										
19.0					500	580																		
20.0					(18.8m)	480																		
21.0						400																		
22.0						350																		
22.5						320																		
CRITICAL BOOM ANGLE										23°	36°				19°	32°	44°	50°		20°	54°	61°	66°	70°