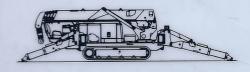


MINI-CRAWLER CRANE MC-405C

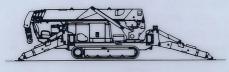
MC-405C Rated Total Load Chart

With outrigger extend to maximum



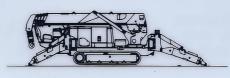
num	Boom 1 and Boom 1+2														
maximum	Working radius (m)	Less than 2.7		3.5		4.0		5.0		6.0		7.0		7.22	
to m	Rated total load(kg)	3830) [3030		2580		2030		1680		1380		330	
	Boom 1+2+3+		When boom 3 is extended to any extent whatsoever, crane work should be carried out with the performance of boom configuration of 1+2+3.												
extended	Working radius (m)	Less than	4	4.0		.0	6.0)	7.0	8.	3.0 9		0 1	0.18	
er e	Rated total load(kg)	3030	25	2580 2		30	168	30 [1380	11	1130		0	580	
outrigger	Boom 1+2+3+4	When boom 4 is extended to any extent whatsoever, crane work should be carried out with the performance for boom configuration of $1+2+3+4$.													
	Working radius (m)	Less than 4.0	4.5	5.0	6	.0	7.0	8.0	9.0	10.	.0 1	1.0	12.0	13.09	
with	Rated total load(kg)	2230	1930	173	0 14	00	1180	103	930	83	0 6	90	530	430	
work	Boom 1+2+3+4+5	When more than one half of ■ marking is exposed from boom 4, crane work should be carried out with the performance for boom configuration of 1+2+3+4+5.													
ne w	Working radius (m)	5.0 5	.5	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.	0 15.	16.0	
Crane	Rated total load(kg)	1130 9	80 9	10 7	760	650	600	550	490	440	380	321	0 26	0 210	

With outrigger extended to medium



ı												_			
	mn	Boom 1 and Boom 1+2													
	medium	Working radius (m)	Less than 2.7	7	3.5		4.0		5.0		6.0		7.0	7.	.22
	to n	Rated total load(kg)	383	0			258	0	1880		1430		160	1	1120
	ded	Boom 1+2+3	When boom 3 is extended to any extent whatsoever, crane work sh carried out with the performance of boom configuration of $1+2+3$.										uld be		
	extended	Working radius (m)	Less than 3.5		4.0		.0	6.0		7.0	8.	0	9.0) 1	0.18
	. 200	Rated total load(kg)	3030	0 2			80	143	0	130	88	880 74) 4	190
	with outrigger	Boom 1+2+3+4	When boom 4 is extended to any extent whatsoever, crane we carried out with the performance for boom configuration of 1												
	h ou	Working radius (m)	Less than	4.5	5.0		0.6	7.0	8.0	9.0	10	.0 1	1.0	12.0	13.09
		Rated total load(kg)	2230	183	0 163	30 1	330	1080	880	73	0 53	0 4	80	430	330
	work	Boom 1+2+3+4+5	When more than one half of \blacksquare marking is exposed from boom 4, crane work should be carried out with the performance for boom configuration of $1+2+3+4+5$.										ould		
	Crane 1	Working radius (m)	Less than 5.0	5.5	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0
	Cra	Rated total load(kg)	1130	980	910	730	630	550	480	430	380	330	280	220	180

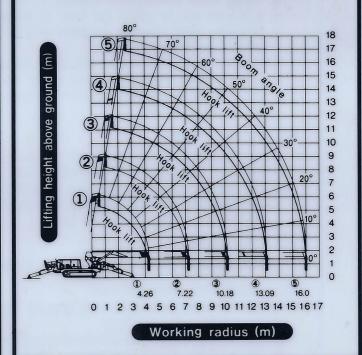
With outrigger extended to minimum



I	Boom 1 and Boom 1+2													
inim	Working radius (m)	Less than 2.7	3.5		4.0		5.0		6.0		7.0		7.22	
to minimun	Rated total load(kg)	3830	303	0 2	2580		1680		1180		930		80	
ded	Boom 1+2+3		/hen boom 3 is extended to any extent whatsoever, crane work should be arried out with the performance of boom configuration of 1+2+3.											
extended	Working radius (m)	Less than 3.5	4.0	5.	0	6.0		7.0	8.0		9.0	10	10.18	
	Rated total load(kg)	3030	2580	16	80	1180	0 8	880	730		580) 4	400	
with outrigger	Boom 1+2+3+4	When boom 4 is extended to any extent whatsoever, crane work should be carried out with the performance for boom configuration of $1+2+3+4$.												
no L	Working radius (m)	Less than 4.0	1.5 5.	0 6.	.0 7	7.0	8.0	9.0	10.0	0 11	.0	12.0	13.09	
	Rated total load(kg)	2230 1	830 163	30 11	80 8	30	680	550	430) 3	30	350	310	
work	Boom 1+2+3+4+5		When more than one half of \blacksquare marking is exposed from boom 4, crane work should be carried out with the performance for boom configuration of $1+2+3+4+5$.											
ne v	Working radius (m)	5.0 5.	5 6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	
Cra	Rated total load(kg)	1130 98	880	730	530	450	420	370	330	280	240	190	150	
Crane wor	Working radius (m)	be carried Less than 5.0 5.	out with 5 6.0	7.0	8.0	ge for	10.0	11.0	12.0	13.0	14.0	15.0	16	

- 1. Above Rated Total Load Chart is based on level, hard ground. Be careful as your crane may tip over depending on the surface conditions where outrigger is placed.
- 2. The Rated Total Load Chart is based on practical working radius which includes a bend due to loading. Reckless crane work is dangerous even if the load may be within the range shown in this Chart, Always work safely.
- 3. Depending on outrigger extension or grounding, tipping over may occur even by lifting a rated load.
- 4. The rated load includes the weight of hook block (30kg).

MC-405C Operating Range



Note

- The operation range chart does not include boom deflections.
- Condition ④ refers to cases in which half of mark ■ is out from boom ③.

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