

ARCADIA SHIPPING & TRADING CO.,

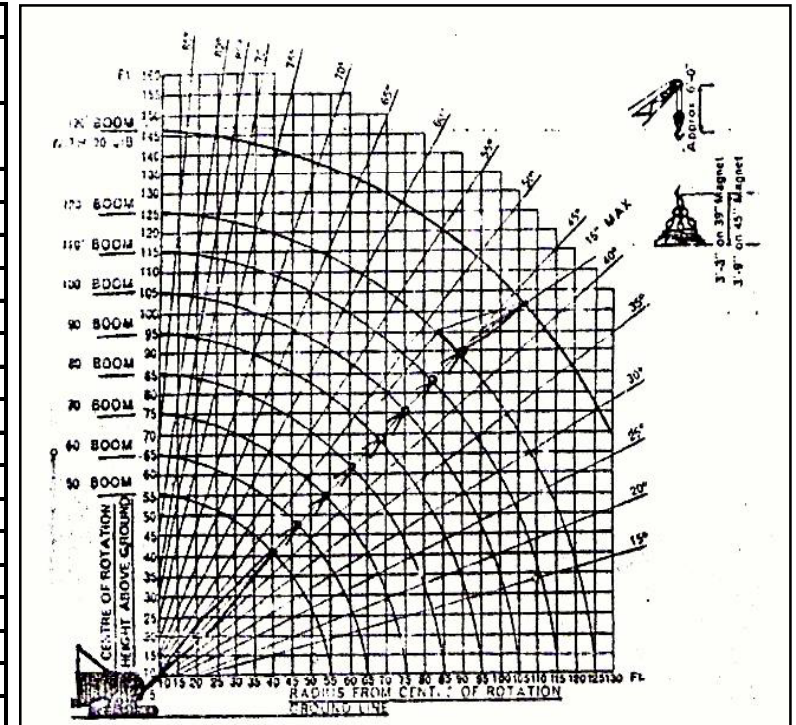
5th Floor, City Point, Opp. Town Hall, Jamnagar - 361 001

Phone : 91-288-255 1901 (4 Lines) Fax : 91-288-255 2566 Email : info@arcadia.co.in

TATA 955 A CRANE RANGE DIAGRAM

Operating Radius in Metres	STANDARD BOOM							
	15.24 M Boom	18.29 M Boom	21.34 M Boom	24.38 M Boom	27.43 M Boom	30.48 M Boom	33.53 M Boom	36.58 M Boom
3.66	45360	Loads over 22680 kg. require open throat crane						
4.57	31840	31615 Boom reducing all other ratings 455 kg.						
6.10	20955	20775	20640	20410	20275			
7.62	15420	15195	15060	14880	14740	14515	14380	
9.14	12110	11885	11795	11565	11430	11250	11115	10885
10.67	9935	9750	9615	9390	9300	9070	8935	8710
12.19	8390	8165	8075	7845	77710	7530	7395	7165
13.72	7210	7030	6895	6715	6575	6350	6215	6035
15.24	6350	6125	5990	5805	5670	5445	5305	5125
16.76		5400	5260	5080	4945	4740	4615	4405
18.29		4830	4700	4495	4365	4150	4025	3830
19.81			4220	4070	3880	3670	3540	3335
21.34			3805	3600	3465	3260	3130	2925
22.86				3245	3115	2910	2775	2570
24.38				2940	2815	2600	2470	2265
25.91					2540	2335	2200	1995
27.43					2310	2100	1965	1765
28.96						1890	1760	1555
90.48						1700	1570	1370

**MODEL 955A
RATED LOADS
IN KILOGRAMS**



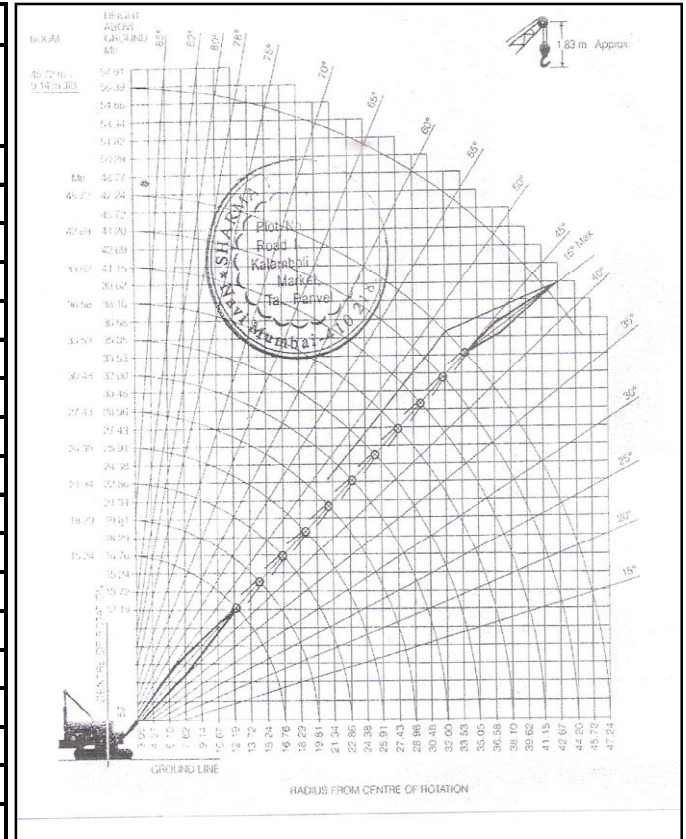
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955 A-LC CRANE RANGE DIAGRAM

RATED CRANE LOADS IN KG (AS PER IS 4573)											
OPERATING RADIUS	15.24m boom	18.29m boom	21.34m boom	24.38m boom	27.43m boom	30.48m boom	33.58m boom	36.58 boom	39.62m boom	42.67m boom	45.72m boom
3.67	75000	-	-	-	-	-	-	-	-	-	-
4.57	52165	51960	-	-	-	-	-	-	-	-	-
6.10	32660	32455	32320	32115	31980	-	-	-	-	-	-
7.62	24040	23835	23700	23495	23360	23155	23020	-	-	-	-
9.14	19005	18800	18665	18460	18325	18120	17985	17800	-	-	-
10.67	15600	15400	15260	15060	14920	14720	14580	14380	14240	14040	-
12.19	13155	12950	12815	12610	12475	12270	12130	11930	11790	11590	11450
13.72	11340	11135	11000	10795	10660	10455	10320	10115	9980	9775	9640
15.24	9885	9685	9545	9345	9205	9005	8865	8660	8525	8320	8185
16.76	-	8595	8460	8255	8120	7915	7780	7575	7440	7235	7095
18.29	-	7685	7550	7345	7210	7005	6870	665	6530	6325	6190
19.81	-	-	6735	6530	6395	6190	6055	5850	5715	5510	5375
21.34	-	-	6055	5850	5715	5510	5375	5170	5035	4830	4695
24.38	-	-	-	4850	4715	4510	4375	4170	4035	3830	3695
27.48	-	-	-	-	3900	3695	3560	3355	3220	3015	2880
30.48	-	-	-	-	-	3060	2925	2720	2585	2480	2245
33.53	-	-	-	-	-	-	-	2220	2085	1880	1745
36.58	-	-	-	-	-	-	-	-	-	1425	1290



NOTE:

- Ratings are as per IS 4573 i.e. 75% of tipping load for forward stability and 70% for backward stability.
- Capacities include the weight of the hook block, slings, etc.
- Capacities are for machine standing on firm, level uniform supporting surface and depend upon the mounting, ground, boom length, radius of operation and which must be taken into account by the user.
- Deduct 680kg for 6.10m jib and 910kg for 9.10m jib.