

RHI

Rainbow Heavy Industries, established on 25th Sept. 2003, locates in Nantong Economic and Technological Development Zone, one of the first 14 state-level zones. RHI has been listed at SZSE on 29th Sept. 2010, stock code "002483". RHI is oriented to the global market and committed to becoming a global equipment supplier.

With registered capital of RMB 360M, total assets up to more than RMB 3B, RHI owns 4 wholly-owned and 4 holding subsidiaries.

Rainbow GENMA covers industrial crane, port equipment, offshore & ship engineering crane, bulk material handling facilities, metallurgy cranes etc.

Rainbow GENMA aims to bring high performance value from the very beginning. With exquisite and outstanding quality, Rainbow GENMA crane embodies the perfect combination of modern aesthetics and classical mechanics in lifting equipments.









Life cycle service commitment

The success of a brand depends on the pursuit of customer satisfaction, exceed customer expectations. With the initiative idea of "4s service", (specialty, standard, shortcut, satisfaction), GENMA is the first one to apply the "4s" service concept in crane industry.



Technical performance introduction



Erection and commissioning



Operation and maintenance training



Parts management



Inspection



Our Speciality - Your Strength

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Our Speciality - Your Strength



MOBILE HARBOR CRANE



Rated Load: 20-150t Working Range: 26-52m Nowadays, worldwide cargo transport is continuously increasing; the demands placed upon efficient cargo-handling equipment are growing. Professional cargo handling equipment is not only required by port operators, but expected by shipping lines and multipurpose terminals. As a result of their versatility, Rainbow GENMA mobile harbour cranes are the ideal choice for handling all kinds of cargo. Equipped with spreaders, grabs and other lifting gears, the crane handles containers, bulk materials and general cargo, even in large terminals. Due to its flexibility and compactness, GENMA mobile harbor crane is an ideal peak performance cargo-handling machine.

PRODUCTS RANGE									
Item Name	GHC20	GHC32	GHC40	GHC63	GHC80	GHC100	GHC120	GHC150	
Max capacity at hook (T)	20/15/8/6	32/20/12/8	40/30/20/10	63/45/25/14	80/45/35/15	100/65/50/35/17	120/75/60/40/14	150/120/65/50/17	
Max hook speed (m/min)	32/41/75/90	27/40/64/88	24/31/45/80	23/32/55/85	20/35/44/86	16/24/31/43/87	14/22/27/39/85	14/19/30/39/90	
Boom luffing time: Min to Max radius (s) 20s from Min. to Max. / 21s from Max. to Min.		32s from Min. to Max. / 37s from Max. to Min.	44	42	50	Light load: 34s from Min. to Max. / 38s from Max. to Min. Heavy load: 68s from Min. to Max. / 75s from Max. to Min.	60	60	
Slewing speed (on 360° continuous) (R.P.M.)	1.6/1.3	1.6/1.0	1.6	1.35/1.0	1.45	1.25/0.65	1.25/0.65	1.35/0.65	
Travelling speed (km/h)	2.0/5.0	2.0/5.0	2.6/5.2	2.0/5.0	1.9/4.7	2/4.5	1.6/3.3	1.8/4.5	
Min&Max operating radius (m)	8/26	8/30	9/34	10/40	10/44	10/44	11/50	11/52	
Superstructure slewing radius (m)	4.1	4.75	5.5	6.2	7	7.25	7.25	7.75	
Crane turning radius (m)	10.4	13	15	15.6	13	17	17	15.92	

TECHNICAL DATA									
tem Name	GHC20	GHC32	GHC40	GHC63	GHC80	GHC100	GHC120	GHC150	
Max load moment (T.M)	246	450	720	1240	1800	2100	2200	2900	
Diesel maximum power (KW/RPM)	248/1800	354/1500	433/1500	695/1500	784/1500	741/1500 630/1500 (Option)	805/1500	950/1500	
Standard boom length (m)	28	30	35	41.7	43.5	46	48	53	
Number of ropes (No.)	2×1	2×1	2×1	2×1	2×1	2×1	2×1	2×1	
Boom pivot point above ground (m)	9	10	12	14	16	17.6	17.6	20.3	
Operator eye level (m)	11	13	16	16.5	19.5	21.5	21.5	24.3	
Outriggers spread (m)	5.5×7	8.1×8.25	9.30×10.25	10.40×10.5	13×11.5	16×12	16×12	15.4×13	
Max load on outriggers pads (360°) (T)	46	67	100	151	187	212	240	302	

CRANE DIMENSIONS									
Item Name	GHC20	GHC32	GHC40	GHC63	GHC80	GHC100	GHC120	GHC150	
Overall length of chassis (m)	9.265	11.4	12.4	16.5	15.7	18.7	18.7	18.6	
Overall length with lowered boom (m)	41.54	44	53.25	61.5	67.25	73	74	79.5	
Overall width of crane - in working condition (m)	5.8	6.52	6.08	6.9	7	7.8	8.28	7.5	
Overall width of crane - for transport (m)			5	5.5	5.5	5.5	5.68	6	
Overall height without tower (m)	5.7	6.2	6.65	7	7	8.3	8.9	10	
Overall height - tower in working position (m)	17.18	19.3	22.9	26.9	28	30.7	33.7	36.3	
Overall height - tower lowered	6.7	6.8	7.5	7.75	8	9.2	10.6	13.5	
Ground clearance (m)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
Ground to top of tower support (m)	2.6	3	3.33	3.9	3.8	4.7	4.7	6.45	
Ground to top of carrier(m)	2	2.3				3.55	3.55	4	
Wheel base	4.5 (1st/2nd)	5.55 (1st/2nd)	5.9 (1st/2nd)	3 (1st/2nd)	1.67 (1st/2nd)	1.67 (1st/2nd/3rd)	1.67 (1st/2nd/3rd)	1.67 (1st/2nd/3rd/4th)	
Wheel base			1.6 (2nd/3rd)	7.6 (2nd/3rd)	4.79 (2nd/3rd)	6.12 (3rd/4th)	4.45 (3rd/4th)	1.99 (4th/5th)	
Wheel base				3 (3rd/4th)	1.67 (3rd/4th/5th)	1.67 (4th/5th/6th/7th)	1.67 (4th/5th/6th/7th)	1.67 (5th/6th/7th/8th)	
Axles track	2.79	3.67	3.67	4.17	4.17	4.17	4.17	5.17	
Tyres	14.00×24"	14.00×24"	14.00×24"	14.00×24"	14.00×24"	14.00×24"	14.00×24"	14.00×24"	
Rims	8.5V×24"	10.00W×24"	10.00W×24"	10.00W×24"	10.00W×24"	10.00W×24"	10.00W×24"	10.00W×24"	