

LIFTING CAPACITIES

G HPK 8200 B FLOATING CRANE

Significant Wave Height $H^{1/3} = 1,5 \text{ m}^*$

Significant Wave Height $H^{1/3} = 2,5 \text{ m}^{**}$

Harbor or sheltered water conditions
($H^{1/3} \leq 0,6 \text{ m}$)

RADIUS [m]	CAPACITIES [t]
	Four-rope grab operation on ropes
12	63,0
13	63,0
14	63,0
15	63,0
16	63,0
17	63,0
18	63,0
19	63,0
20	63,0
21	63,0
22	63,0
23	63,0
24	63,0
25	63,0
26	63,0
27	63,0
28	63,0
29	63,0
30	63,0
31	63,0
32	63,0
33	63,0
34	63,0
35	61,2
36	59,5
37	57,9
38	56,3
39	54,9
40	53,5
41	52,2
42	51,0
43	50,0

RADIUS [m]	CAPACITIES [t]
	Four-rope grab operation on ropes
12	50,0
13	50,0
14	50,0
15	50,0
16	50,0
17	50,0
18	50,0
19	50,0
20	50,0
21	50,0
22	50,0
23	50,0
24	50,0
25	50,0
26	50,0
27	50,0
28	50,0
29	50,0
30	50,0
31	50,0
32	50,0
33	50,0
34	50,0
35	50,0
36	48,6
37	47,3
38	46,0
39	44,8
40	43,7
41	42,6
42	41,6
43	40,8

RADIUS [m]	CAPACITIES [t]
	Heavy-load operation on hook
12	100,0
13	100,0
14	100,0
15	100,0
16	100,0
17	100,0
18	100,0
19	100,0
20	100,0
21	100,0
22	100,0
23	100,0
24	100,0
25	96,6
26	91,7
27	87,2
28	83,0
29	79,1
30	75,4
31	72,0
32	68,8
33	65,8
34	63,0
35	61,2
36	59,5
37	57,9
38	56,3
39	54,9
40	53,5
41	52,2
42	51,0
43	50,0

* Vertical boom tip velocity $v_c = 0,38 \text{ m/s}$
Vertical velocity of
load supporting deck $v_D = 0,32 \text{ m/s}$

** Vertical boom tip velocity $v_c = 0,63 \text{ m/s}$
Vertical velocity of
load supporting deck $v_D = 0,50 \text{ m/s}$

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