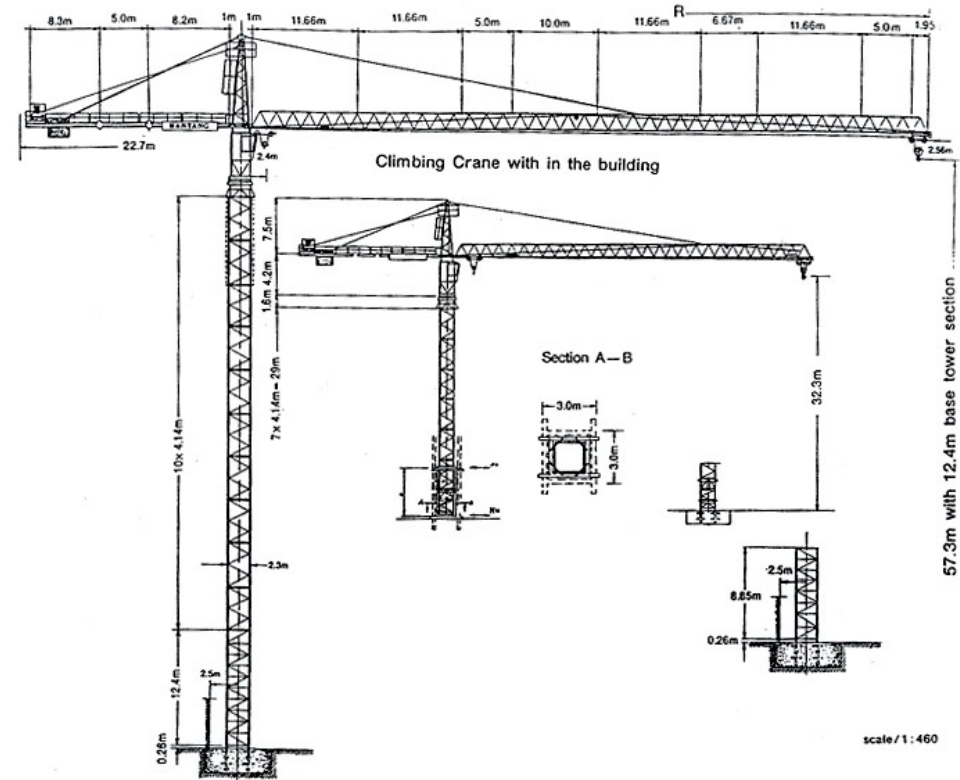
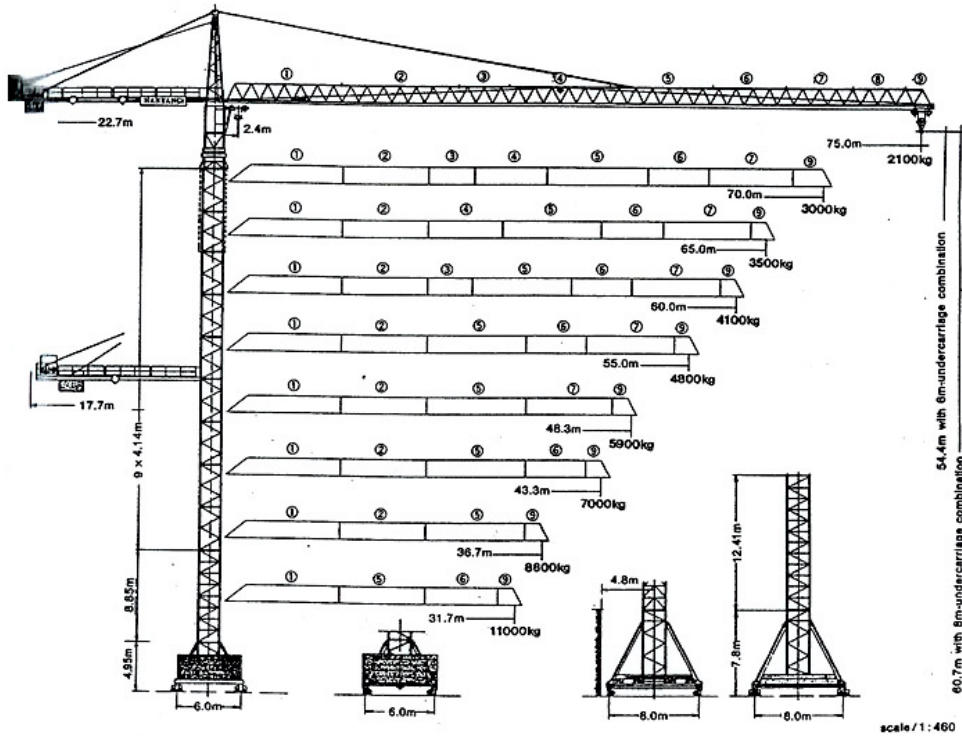


290HC-L Tower Crane

with 6m- and 8m-undercarriage combination



Hoisting height

Number of tower sections	Data for type 6m—undercarriage/8.85m base lower		Data for type 8m—undercarriage/12.4m base lower	
	Hoisting height		Hoisting height	
	Stationary type m	Travelling type m	Stationary type m	Travelling type m
0	12.4	17.1	16.0	23.5
1	16.6	21.2	20.1	27.7
2	20.7	25.4	24.3	31.8
3	24.8	29.6	28.4	35.9
4	29.0	33.7	32.5	40.0
5	33.1	37.8	36.7	44.1
6	37.3	41.9	40.8	48.2
7	41.4	46.1	45.0	52.4
8	45.5	50.2	49.1	56.5
9*	49.7	54.4	53.2	60.7
10*	—	—	57.3	—

* Lower guide section after erection./ Further hoist heights on request

HANYANG LIEBHERR

290HC-L

Data for rail-going crane

Wheel gauge	6.0m or 8.0m
Track gauge	6.0m or 8.0m
Interior curve radius(6m-undercarriage)	12.5m




Interior curve radius(8m-undercarriage)	14.5m
Dead weight*(6m-undercarriage)	16000kg
Dead weight*(8m-undercarriage)	18000kg

* Max. hoisting height + max. radius

Radius and capacity

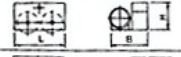

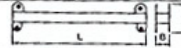

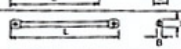
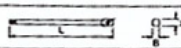
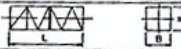
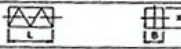
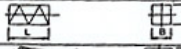

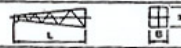

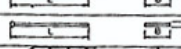
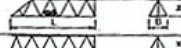
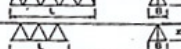
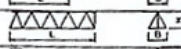
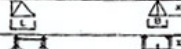


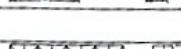
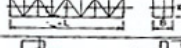
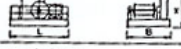
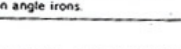



Length of jib (Slewing radius) m	max. capacity m/kg	Radius and capacity																					
		25.0	28.0	31.7	34.0	36.7	38.0	40.0	42.0	43.3	45.0	48.3	51.0	53.0	55.0	57.0	60.0	62.0	65.0	67.0	70.0	75.0	
75.0 (R=76.36)	2.2-19.1 12000	9081	7933	6815	6281	5739	5472	5129	4820	4680	4400	4020	3726	3534	3356	3190	2963	2823	2631	2512	2344	1118	
70.0 (R=71.36)	2.2-19.1 12000	10000	8277	8050	7420	6785	6510	6130	5780	5570	5310	4870	4550	4330	4130	3950	3690	3540	3320	3190	3000		
65.0 (R=66.36)	2.2-22.4 12000	10000	9700	8420	7770	7110	6820	6420	6060	5840	5575	5110	4780	4560	4350	4150	3890	3730	3500				
60.0 (R=61.36)	2.2-24.1 12000	11352	10160	8820	8140	7450	7160	6740	6360	6130	5860	5380	5030	4800	4580	4300	4100						
55.0 (R=56.36)	2.2-25.0 12000	12000	10595	9210	8500	7790	7480	7045	6650	6420	6130	5630	5270	5030	4800								
48.33 (R=49.7)	2.2-25.0 12000	12000	11070	9625	8890	8145	7820	7370	6960	6720	6420	5900											
43.33 (R=44.7)	2.2-27.0 12000	12000	11500	10010	9250	8480	8145	7680	7250	7000													
36.67 (R=38.0)	2.2-27.8 12000	12000	11930	10390	9600	8800																	
31.67 (R=33.0)	2.2-29.3 12000	12000	12000	11000																			

Speeds

	0.9 st./min	12.6kw 2x 6.3kw
	8.0/16.0/50.0/95.0 m/min	5.5kw
	25.0 m/min with 8m-undercarriage 25.0 m/min with 6m-undercarriage	15kw 2x 7.5kw

Hoist gear	GEAR	kg	m/min
61.0kw, WW 271 RX 155 Elmag, WSB Hoist height with LS- drum (6 layers) 137m	1	12000	1.4-14.0
	2	5000	5.1-51.0
	3	2100	10.1-101.0

Packing List

Item	Quantity	Description	This list cannot be used for the calculation of the smallest transport volume.	Length(m)	Width(m)	Height(m)	Unit weight(kg)	Total weight
1	2	Rail bogie with drive		1.63 (1.46)	0.92 (0.84)	0.95 (0.87)	1450 (1080)	2900 (2160)
2	2	Rail bogie without drive		1.37 (1.15)	0.62 (0.60)	0.95 (0.87)	1255 (800)	2510 (1600)
3	1	Support arm long		9.10 (11.95)	0.60 (0.82)	0.95 (0.80)		1650 (2200)
4	2	Support arm short		1.37 (1.15)	0.62 (0.60)	0.95 (0.87)	1255 (800)	2510 (1600)
5	2x 2	Border support		5.46-5.40 7.52-7.46	0.11-0.18 0.10-0.17	0.16-0.38 0.10-0.30	175-525 366-912	1400 (2556)
6	4	Support Strut		4.14 (6.55)	0.18 (0.22)	0.25 (0.25)	320 (600)	1320 (2400)
7	1	Guide section cpl.		8.39	2.80	2.50		4070
8	1	Undercarriage lower section		3.73 (6.70)	2.62 (2.53)	2.62 (2.53)		2550 (3800)
9	9	Tower section		4.14	2.30	2.30	2260	20430
10	1	Slewing platform cpl. with ball slewing ring and ring support		6.24	2.74	2.57		9080
11	1	Tower head section		8.88	1.64	1.80		2560
12	1	Counter-jib head		8.06	2.42	0.92		2580
13	1	Counter-jib heel section and guying		8.44	1.77	0.92		2020
14	1	Intermediate counter-jib section		5.22	1.76	0.92		2580
15	1	Jib heel section and guying		12.02	1.84	1.96		2980
16	3	Intermediate jib section		12.02	1.63	1.87	2165 2580 1200	5945
17	2	Intermediate jib section		5.36 7.03	1.63	1.87	925 450 1015	2390
18	1	Intermediate jib section		10.36	1.63	1.87		1864
19	1	jib head		2.21	1.84	1.14		330
20	1	Trolley		1.89	1.63	1.20		335
21	1	Base tower section		8.85 (12.42)	2.30 (2.30)	2.30 (2.30)		4380 (7550)
22	1	Platforms		5.00	1.50	2.00		2300
23	1	Hydraulic system supporting and climbing cross members		2.10	1.25	1.00		800
24	1	Long tower section		12.42	2.3	2.3		5520
25	1	Hoist gear frame		2.0	3.15	1.60		2400
26	1	Crate with small parts, rope and foundation angle irons.		1.1	1.0	1.24		3000

[*]: Undercarriage 8m 사용시 규격값

Technical data