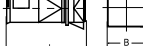
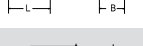
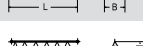
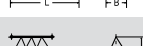
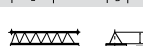
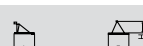
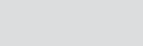
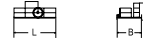
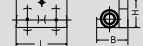
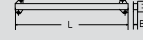
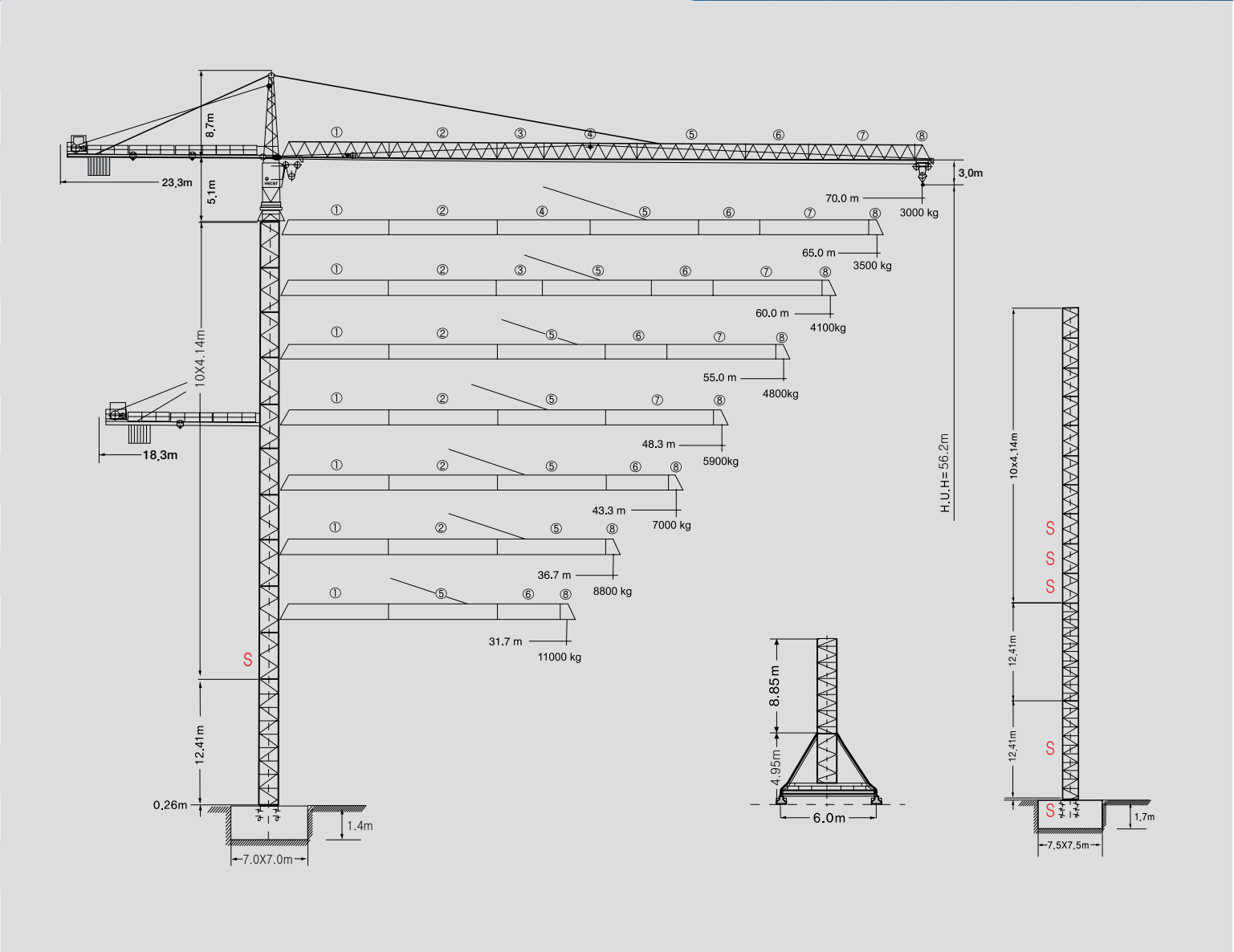


290HC 12 Packing List

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 kg
1	1	Guide section cpl		8.39	2.80	2.50		4070
2	9	Tower section		4.14	2.30	2.30	2160	19440
3	1	S / Tower section		4.14	2.30	2.30	2690	2690
4	1	Slewing platform cpl, with ball slewing ring and ring support		5.49	2.74	2.68		10120
5	1	Tower head section		8.88	1.64	1.80		2700
6	1	Counter-jib head		9.10	2.42	0.92		3260
7	1	Counter-jib heel section and guying		8.44	1.77	0.92		2800
8	1	Intermediate counter-jib section		5.22	1.76	0.92		1580
9	1	Jib heel section and guying		12.02	1.84	1.96	①	3590
10	3	Intermediate jib section		12.02	1.63	1.87	⑤ 2154 ② 2094 ⑦ 1314	5562
11	2	Intermediate jib section		5.36 7.03	1.63	1.87	③ 934 ⑥ 1054	1988
12	1	Intermediate jib section		10.36	1.63	1.87	④	1644
13	1	Jib head		2.21	1.84	1.14	⑧	330
14	1	Trolley, Hook		1.89	1.83	1.57	510 600	1110
15	1	Base tower section		12.41 (8.85)	2.30 (2.30)	2.30 (2.30)		7800 (4580)
16	1	Platforms		5.00	1.50	2.00		2300
17	1	Hydraulic system, supporting and climbing cross members		2.10	1.25	1.00		800
18	1	Hoist gear frame		2.30	2.75	1.77		4100
19	1	Crate with small parts, ropes and foundation angle irons		1.1	1.0	1.24		3000
Undercarriage								
20	2	Rail bogie with drive		1.63	0.92	0.95	1450	2900
21	2	Rail bogie without drive		1.37	0.62	0.95	1280	2510
22	1	Support arm long		9.10	0.80	0.80		1650
23	2	Support arm short		4.45	0.77	0.77	800	1600
24	2+2	Border support		5.46-5.40	0.11-0.18	0.16-0.38	175-525	1400
25	4	Support strut		4.14	0.18	0.25	320	1320
26	1	Undertarriage tower section		3.73	2.62	2.62		2550



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HANKOOK CRANE & TECH

290HC 12 TOWER CRANE

Technical data

Hoisting height

Number of tower sections	Hoisting height			Wall Tie Drawing
	m	m	m	
0	14,7	27,2	15,9	
1	S 18,9	S 31,3	20,0	
2	23,0	S 35,4	24,2	
3	27,2	S 39,6	28,3	
4	31,3	43,7	32,4	
5	35,4	47,9	36,6	
6	39,6	52	40,7	
7	43,7	56,1	44,9	
8	47,9	60,3	49,0	
9*	52,0	64,4	53,1	
10*	56,2	68,6	—	

Data for rail-going crane

Wheel guage	6,0m	Interior curve radius(6m-undercarriage)	12,5m
Track gauge	6,0m	Dead weight(6m-undercarriage)	85,000kg

※Max. hoisting height + max. radius,

Radius and capacity

Length of jib (Slewing radius)	MAX Capacity	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
m	m/kg																		
70,0(R=71,36)	^{2,2-19,1} 12000	10000	9277	8050	7420	6785	6510	6130	5780	5570	5310	4870	4550	4330	4130	3950	3690	3540	3320
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	4380	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)	^{2,2-26,0} 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

	DRW 160AZ 0.7 sl./min	2X6,3kW
	DRW 160AZ-K 0.7 sl./min	
	KAW 180MZ 0 – 110,0m/min inverter	7,5kW
	KAW 181KX 8,0 / 16,0 / 50,0 / 95,0m/min	5,5kW
	25,0m/min with 6m-undercarriage	2X7,5kW

Hoist gear	Gear	kg	m/min
 65,0kW WIW 281JX 65,0kW WIW 281JX-K max. 205m 7 layers	1	12000	1,4/25,1
	2	5350	3,2/58,0
	3	2200	6,7/119,0

※Total motor output 100kW
※This specification is subject to change without prior notice for high efficiency.
※In case of generator : Min. 250kW above

※Total power requirement(with a simultaneity factor of 0,8)

※S = Tower section reinforced
* = Lower guide section after erection
Wall Tie Drawing = Be followed by job site conditions