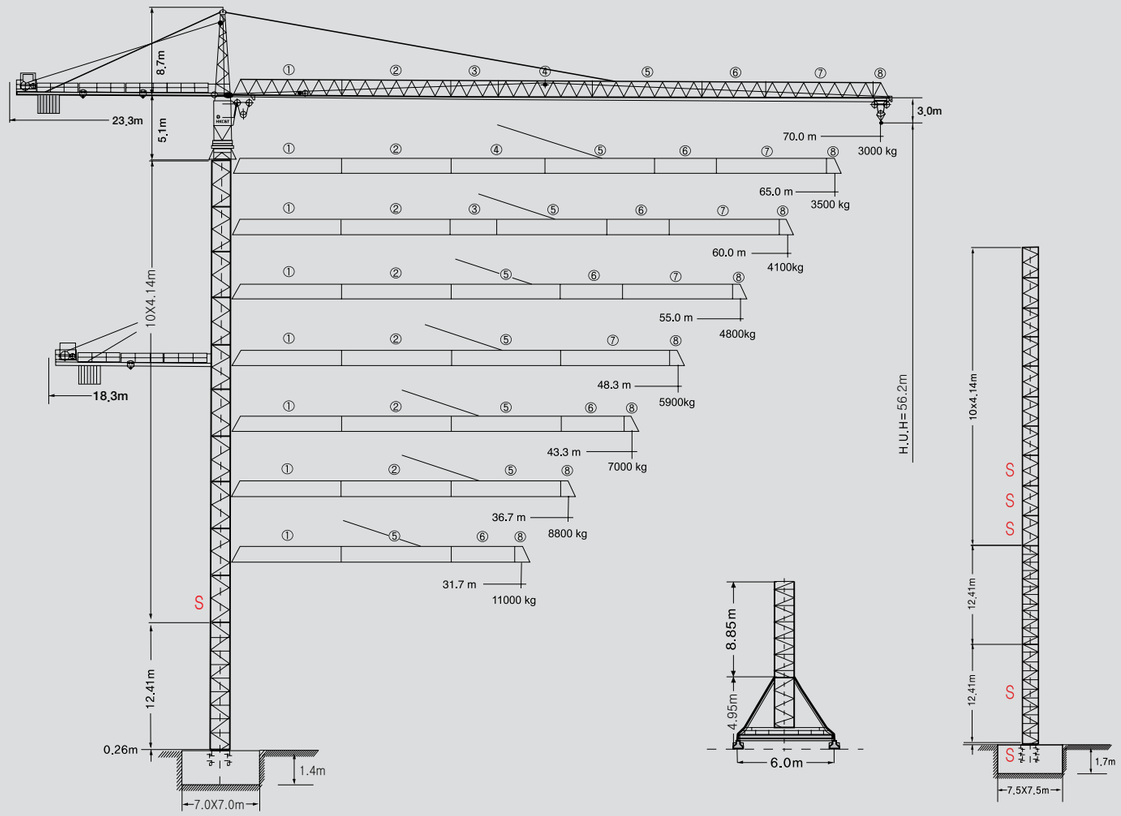
290HC 12 Packing List

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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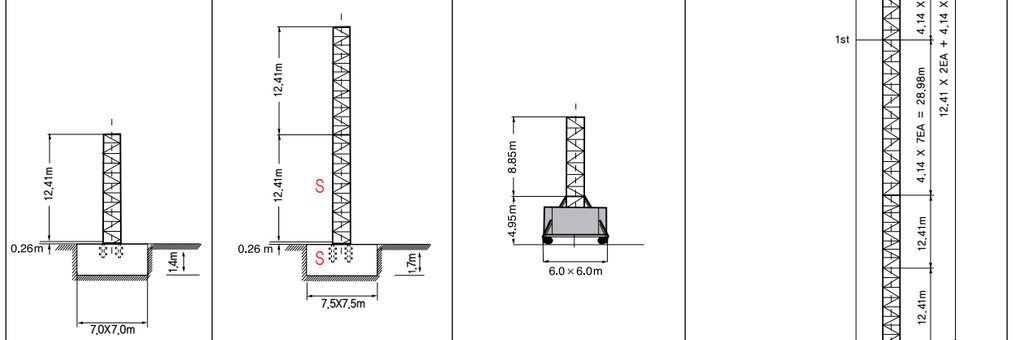
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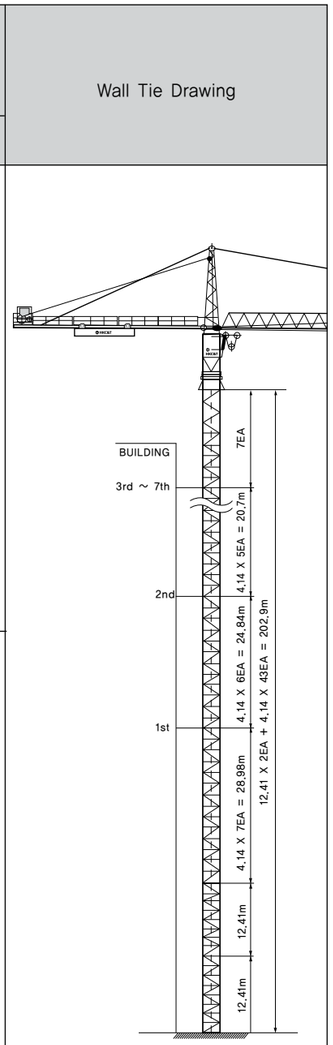
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290HC 12 TOWER CRANE

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	–	





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

Technical data

Data for rail-going crane

Wheel guage	6.0m
Track gauge	6.0m

Interior curve radius(6m-undercarriage)	12.5m
Dead weight(6m-undercarriage)	85,000kg

※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**
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	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	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

※Total motor output 100kW

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 power requirment(with a simultaneity factor of 0.8)
※This specification is subject to change without prior notice for high efficiency.
※In case of generator : Min. 250kW above

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