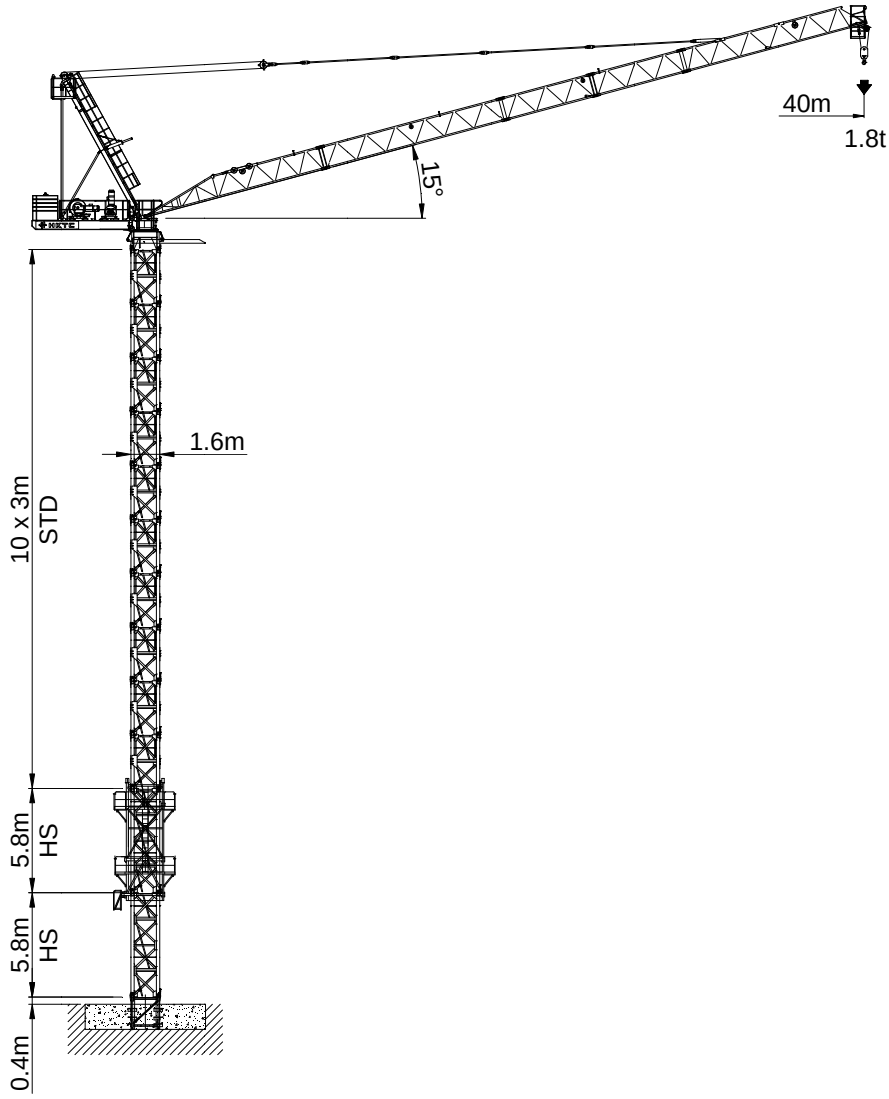
HANKOOK TOWER CRANE

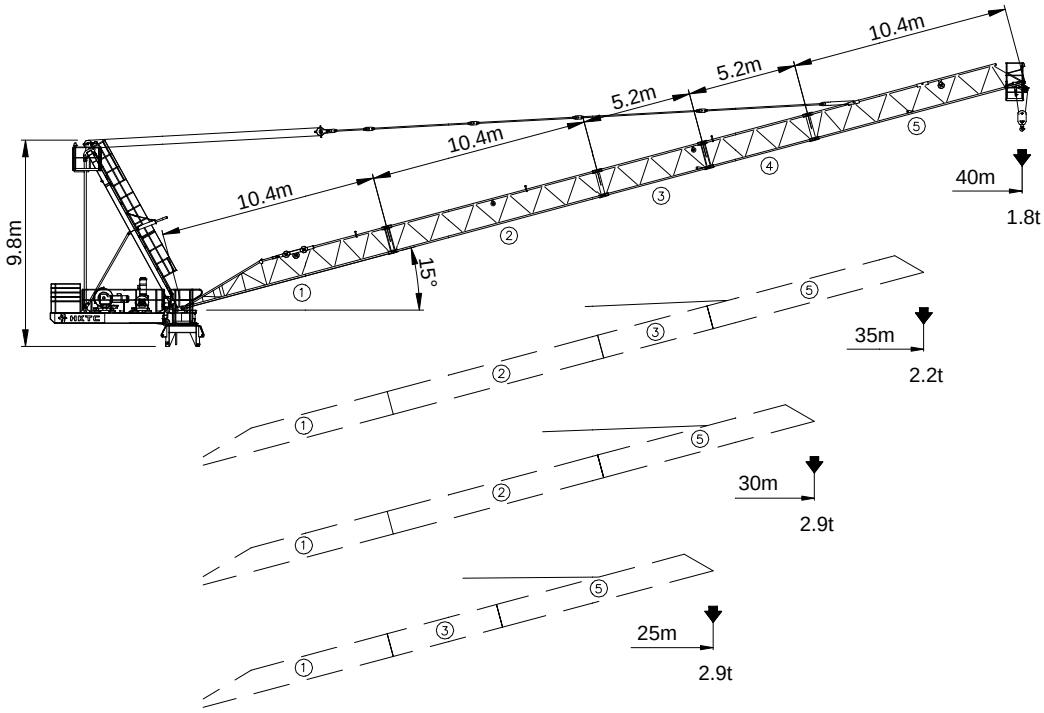
HK90L-3



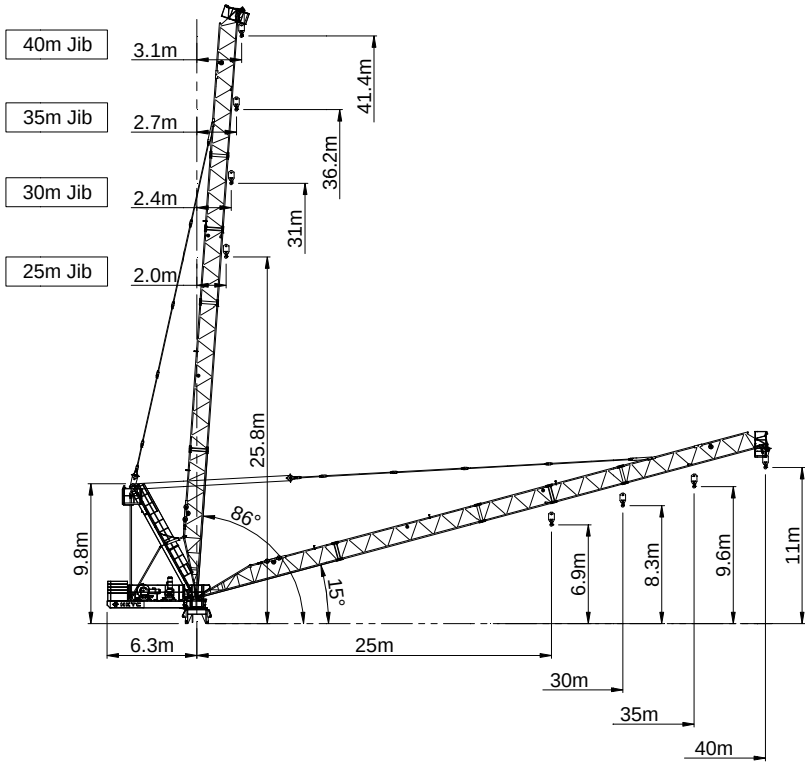
Concrete foundation
max Mast height 42m

FEM 1.001 A3
건설기계 안전기준에 관한 규칙

JIB COMBINATION



RADIUS & HOISTING HEIGHT

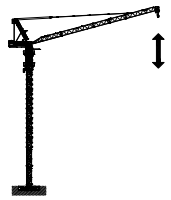


RADIUS AND CAPACITY

Length of jib (Slewing radius) m	MAX Capacity m / kg	Radius and capacity																				
		20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0	40.0
40 (R=40.4)	3.1~20.0 2900	2900	2840	2780	2720	2660	2600	2540	2480	2420	2360	2300	2240	2180	2120	2060	2000	1950	1900	1860	1830	**1800**
35 (R=35.4)	2.7~25.0 2900	2900	2900	2900	2900	2900	2900	2840	2780	2720	2660	2600	2500	2420	2340	2260	**2200**					
30 (R=30.4)	2.4~30.0 2900	2900	2900	2900	2900	2900	2900	2900	2900	2900	2900	**2900**										
25 (R=25.4)	2.0~25.0 2900	2900	2900	2900	2900	2900	**2900**															

SPEEDS

Hoist Winch - 22HF400



22 kW

1500 ~ 2900 kg	0 ~ 31 m/min
1000 ~ 1500 kg	0 ~ 46 m/min
0 ~ 1000 kg	0 ~ 68 m/min

Slewing machinery



7.5 kW

0.55 rpm

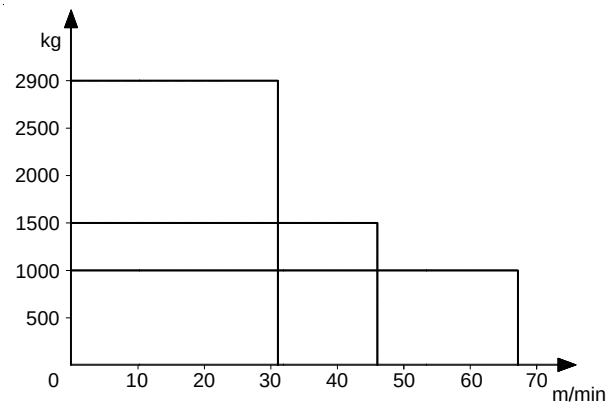
Luffing winch



22 kW

2' 15"

※ 소비전력 : 70 kVA **※ 전원사양 : 380 V, 60 Hz**



호이스트 와이어 로프 : 기본사양 300m

마스트 높이에 따른 필요 와이어로프 길이 선정

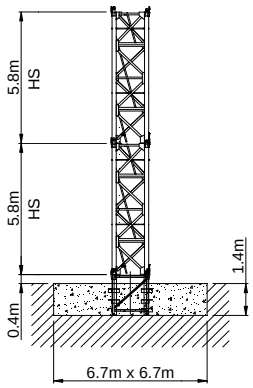
⚠ 호이스트 와이어 로프 300m 이상 사용시 제작사에 문의

W = (H x 2) +(R x 3) + 16

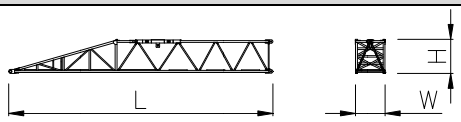
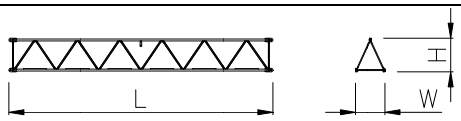
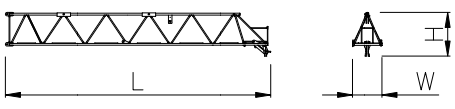
- W (Wire length)
- H (Mast height)
- R (Jib length)

MAST HEIGHT

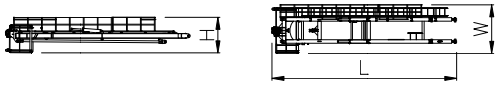
Number of mast sections	Mast height (m)	
	Jib length : 40m / 35m	Jib length : 30m / 25m
0	12.0	12.0
1	15.0	15.0
2	18.0	18.0
3	21.0	21.0
4	24.0	24.0
5	27.0	27.0
6	30.0	30.0
7	33.0	33.0
8	36.0	36.0
9	39.0	39.0
10	42.0	42.0
11	-	45.0



PACKING LIST

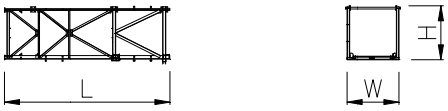
Description		Q'ty	Sketch	Demension(m)			Weight (kg,±5%)	
				L	W	H	Unit	Total
Jib	No. 1	1		10.550	1.185	1.365	1,200	-
	No. 2	1		10.540	1.175	1.340	640	-
	No. 3	1		5.340	1.175	1.340	360	-
	No. 4	1		5.340	1.175	1.340	340	-
	No. 5	1		10.592	1.175	1.737	790	-
Turn table ass'y		1		2.053	2.102	2.737	2,780	-

PACKING LIST

Description		Q'ty	Sketch	Demension(m) L	W	H	Weight (kg,±5%) Unit	Total
Counter Jib		1		5.710	1.350	0.790	2,110	-
Counter jib Platform & electric panel		1		3.950	0.910	2.000	610	-
Top tower ass'y		1		9.267	2.422	1.775	2,300	-
Tie bar	L5900	2		6.090	0.054	0.160	105	210
	L5000	2		5.190	0.054	0.160	90	180
	L1800	1		1.990	0.054	0.160	40	-
Connection plate		1		1.510	0.148	0.160	60	-
Luffing block		1		0.915	0.335	0.560	110	-
Hook ass'y		1		0.400	0.281	0.986	200	-
Hoist winch ass'y		1		1.317	0.990	1.590	1,090	-
Luffing winch ass'y		1		1.417	1.280	1.380	1,530	-
Counter weight block	Aw	1		2.200	0.550	1.400	4,000	-
	Bw	4		2.220	0.210	1.400	1,500	6,000

PACKING LIST

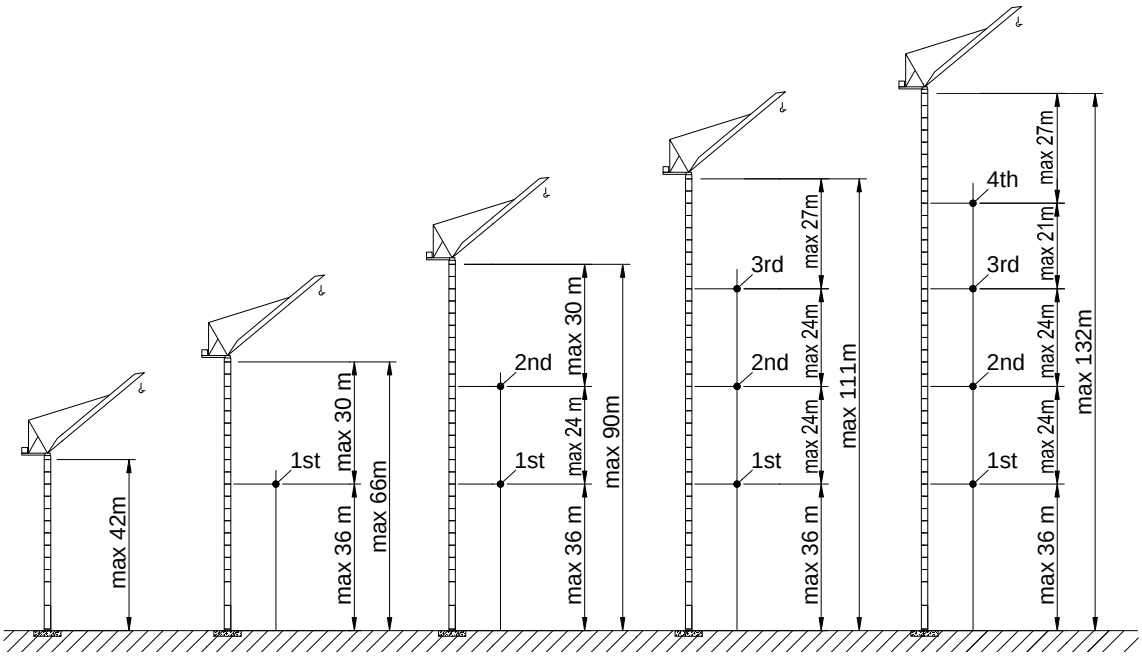
Climbing equipment

Climbing cage ass'y	1		6.605	2.297	2.086	3,405	-

Mast

Basic Mast section (Lower)	1		6.041	1.733	1.676	2,500	-
Basic Mast section (Upper)	1		6.041	1.733	1.676	2,500	-
Mast section	10		3.236	1.733	1.676	1,200	12,000
Anchor	1		2.071	1.920	1.920	600	-

TIE SCHEDULE



* 상기 타워크레인 제원 및 사양은 사전통보 없이 변경 될 수 있음.