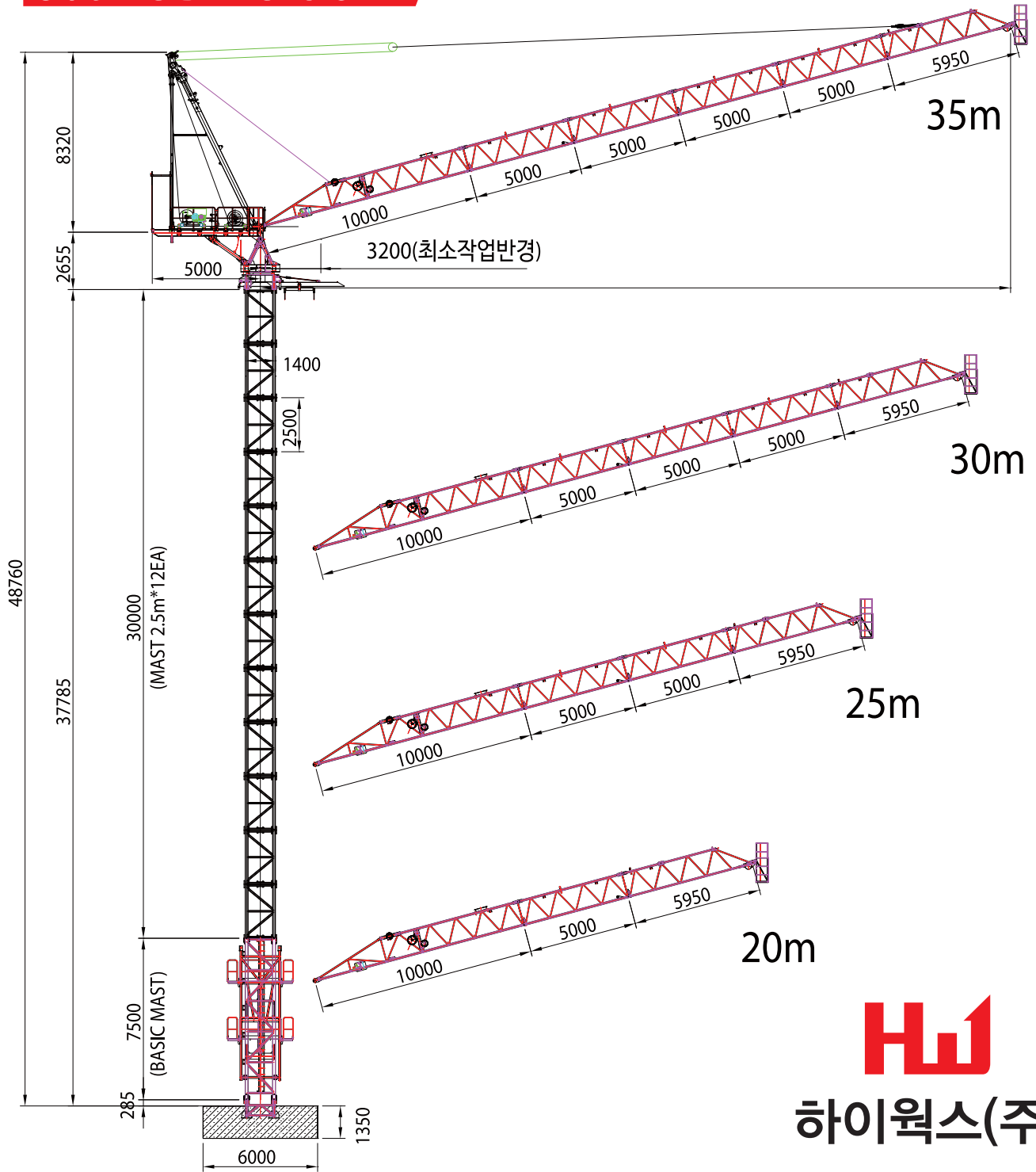


QTD3515

LUFFING TOWER CRANE

Outline Dimension



하이웍스(주)

타워크레인 판매전문

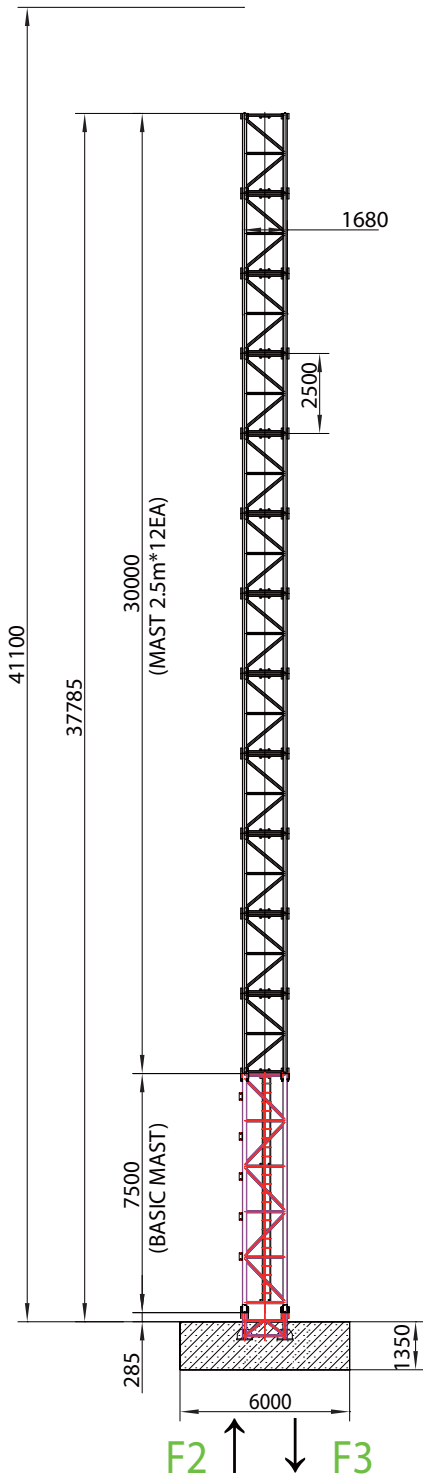
www.highworks.co.kr

lucky230@hanmail.net

010-4033-6000

Mast Reactions

MAST COMPOSITION



	JIB = 35m, 30m, 25m, 20m	
	BASIC MAST	REINFORCED MAST
HAF(m)	7.5m	3.0m
11.100	1	0
13.600	1	1
16.100	1	2
18.600	1	3
21.600	1	4
23.600	1	5
26.100	1	5
28.600	1	5
31.600	1	5
33.600	1	5
36.100	1	5
38.600	1	5
41.100	1	5

LEGEND :

1. HAF : HEIGHT UNDER JIB HINGE SHAFT TO FOUNDATION

- IN SERVICE WIND SPEED UP TO 20m/s.
- OUT OF SERVICE WIND SPEED UP TO 42m/s.

F2	● 108 Ton	■ 121 Ton
F3	● 74 Ton	■ 102 Ton
WEIGHT	32 Ton	

LOAD CHARACTERISTICS

LOAD DIAGRAM FOR 35m Jib

WORKIGN RANGE(m)		3.2 ~ 24.9	25	30	35
LOAD(T)	2-FALL	2.90	2.88	2.00	1.50

LOAD DIAGRAM FOR 30m Jib

WORKIGN RANGE(m)		3.2 ~ 24.9	25	30
LOAD(T)	2-FALL	2.90	2.88	2.00

LOAD DIAGRAM FOR 25m Jib

WORKIGN RANGE(m)		3.2 ~ 24.9	25
LOAD(T)	2-FALL	2.90	2.88

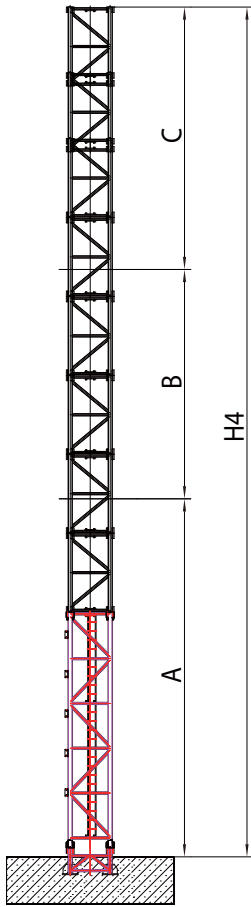
LOAD DIAGRAM FOR 20m Jib

WORKIGN RANGE(m)		3.2 ~ 20.0
LOAD(T)	2-FALL	2.90

COUNTERWEIGHT

JIB LENGTH(m)		35	30	25	20
TYPE OF BALLAST	A(4.0Ton)	1A+3B+3C	1A+3B+2C	1A+3B+C	1A+3B
	B(2.0Ton)				
	C(1.0Ton)				
WEIGHT OF BALLAST(Ton)		13	12	11	10

ANCHORAGES



JIB LENGTH 35m	n			
	1	2	3	4
A(m)	27.285			
MAST	1.4m * 1.4m * 2.5m(H) - ALL REINFORCED			
n1	22	29	35	41
H4(m)	52.785	72.785	87.785	102.785
n2	12	19	26	33
H5(m)	27.285	47.785	65.285	82.785
B(m)	-	17.5	17.5	17.5
C(m)	25.0	25.0	22.5	20.0

H5 : HEIGHT OF ANCHORAGE FROM FLOOR

n1 : TOTAL NUMBERS OF MAST

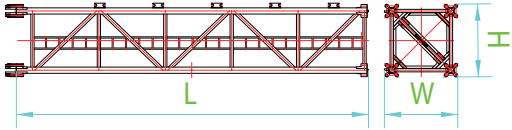
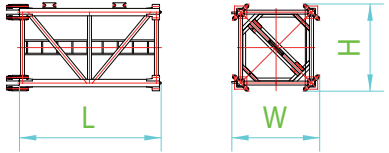
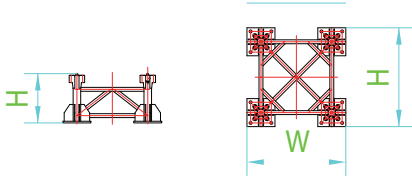
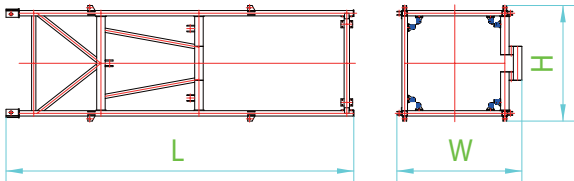
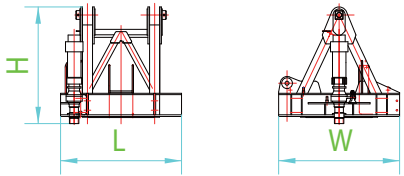
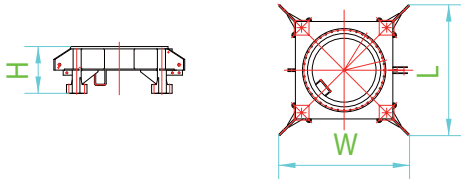
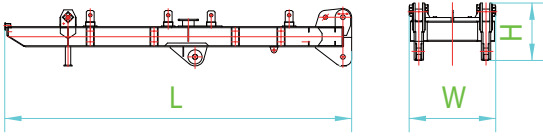
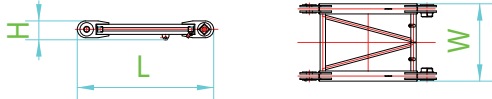
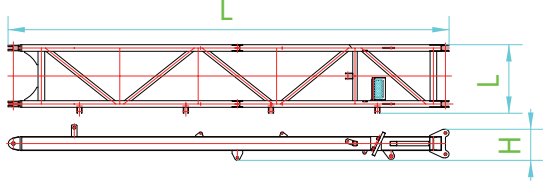
n2 : NUMBERS OF MAST CORRESPONDING TO ANCHORAGE

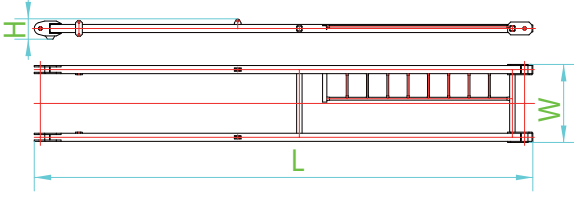
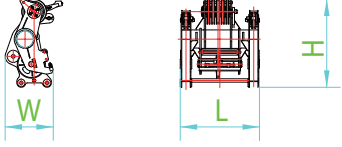
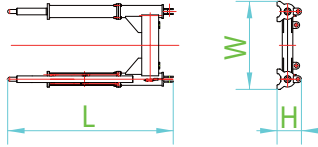
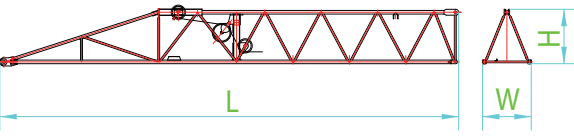
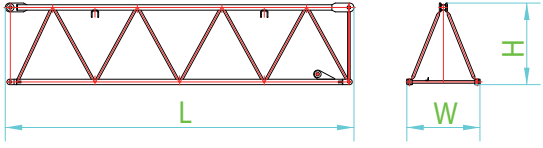
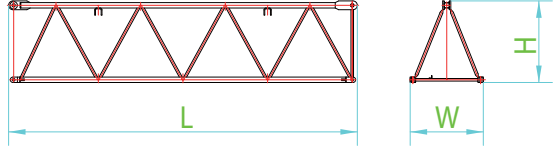
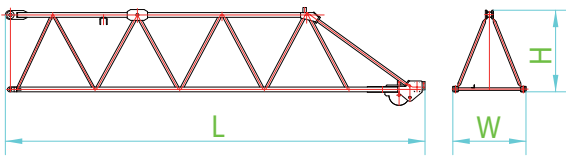
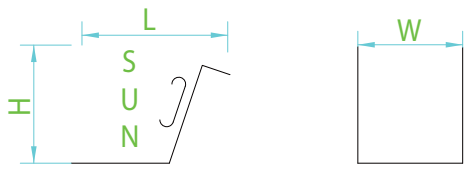
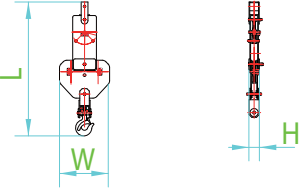
(본 형식신고도서의 III도면-WALL TIE SYSTEM을 참조)

MECHANISMS

MECHANISMS SPECIFICATION			2 FALL		DRUM	kW
HOISTING	33LVF15	m/min	0 - 66	0 - 33	400m	22
		Ton	1.5	2.9		
LUFFING	33DVF20	m/min	55m/min(2mins)			22
SLEWING	RVF95	r/min	0 - 0.7			2 X 4
POWER SUPPLY			380V 60Hz			

Packing List

No	Description	Sketch	L(m)	W(m)	H(m)	Weight(Kg)	Q'ty
1	Basic Mast		7.53	1.569	1.557	2791	1
2	Mast		2.53	1.569	1.557	1054	12
3	Fixing angles		1.765	1.765	0.88	803	1
4	Jacking Cage		6.21	2.232	2.064	1844	1
5	Up-Slewing		1.80	1.80	1.736	2130	1
6	Down-Slewing		1.947	1.947	0.696	992	1
7	Counter Jib		5.162	1.288	0.855	1970	1
8	Support bar of Counter Jib		2.03	1.151	0.25	333	1
9	Front Strut Support		7.875	1.224	0.555	972	1

No	Description	Sketch	L(m)	W(m)	H(m)	Weight(Kg)	Q'ty
10	Front Strut Support		7.363	1.152	0.298	504	1
11	Fixed Pulley Block		1.17	0.711	1.302	575	1
12	Damper		2.445	1.30	0.36	568	1
13	Jib Section 1		10.14	1.08	1.205	963	1
14	Jib Section 2		5.10	1.08	1.205	374	1
15	Jib Section 3		5.10	1.08	1.205	334	3
16	Jib Section 4		6.618	1.08	1.205	488	1
17	Operator Cabin		2.10	1.20	2.00	360	1
18	Hook Block		1.818	0.74	0.22	241	1