

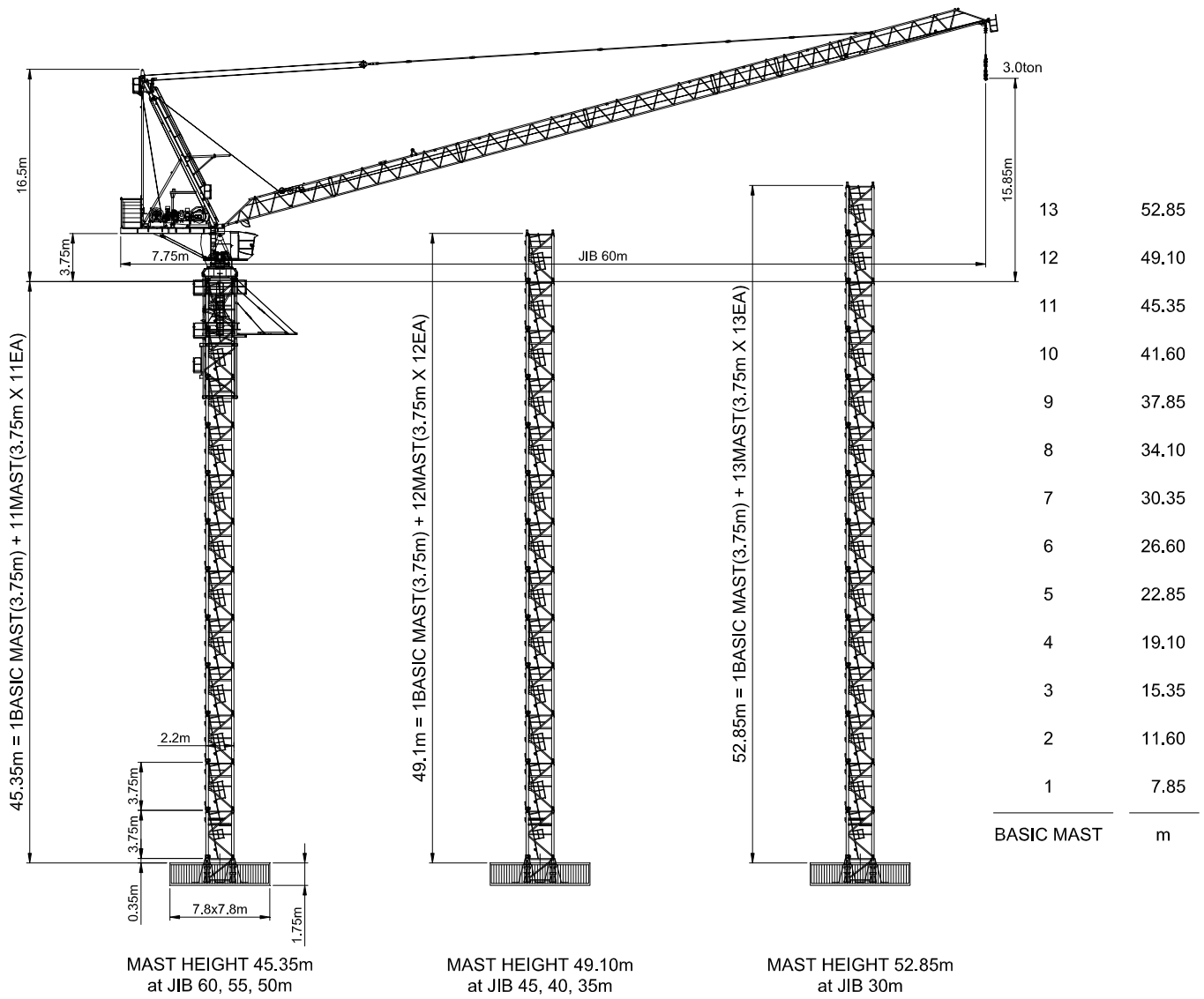


Registered ISO 14001:2004  
Registered ISO 9001:2008

# L250-18

## Luffing tower crane

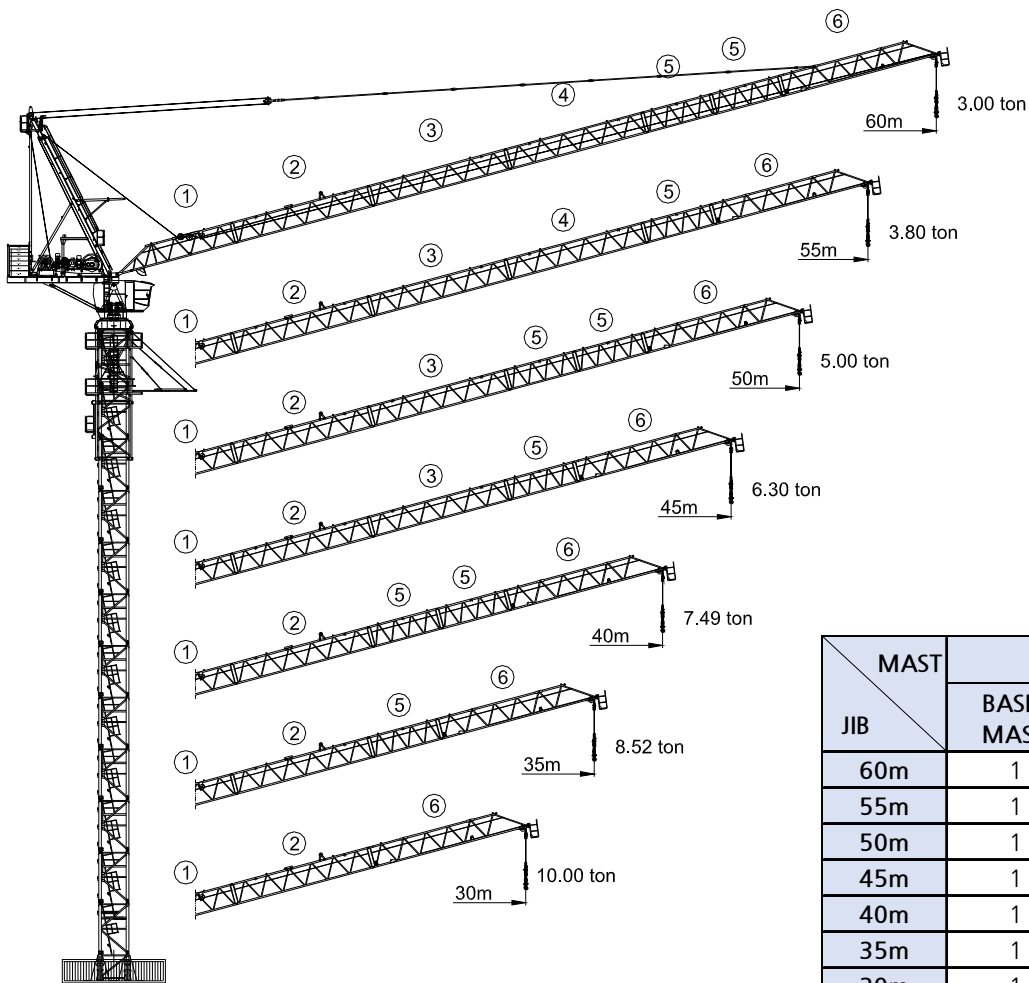
DoDo International



## Load capacity

JIB length(m)	fall	Max. load		18	20	25	30	35	40	45	50	55	60
		m	ton										
60	2	5.91~24.6	9.0	9.00	9.00	8.94	7.21	5.92	4.97	4.24	3.66	3.24	3.00
55	2	5.46~26.16	9.0	9.00	9.00	9.00	7.65	6.34	5.37	4.63	4.09	<b>3.80</b>	
50	2	5.01~26.18	9.0	9.00	9.00	9.00	7.86	6.66	5.81	5.23	<b>5.00</b>		
	3	5.01~17.66	13.5	16.23	12.01	9.40	7.68	6.49	5.65	5.08	4.87		
	4	5.01~13.38	18.0	16.23	11.81	9.21	7.50	6.32	5.49	4.93	4.75		
45	2	4.56~28.62	9.0	9.00	9.00	9.00	8.63	7.43	6.63	<b>6.30</b>			
	3	4.56~18.94	13.5	13.50	12.94	10.22	8.46	7.26	6.47	6.16			
	4	4.56~14.42	18.0	17.37	12.75	10.04	8.28	7.09	6.32	6.03			
40	2	4.11~29.76	9.0	9.00	9.00	9.00	8.98	7.91	<b>7.49</b>				
	3	4.11~19.15	13.5	13.50	13.12	10.49	8.82	7.76	7.36				
	4	4.11~14.56	18.0	17.46	12.95	10.32	8.66	7.61	7.23				
35	2	3.67~31.40	9.0	9.00	9.00	9.00	9.00	<b>8.52</b>					
	3	3.67~20.06	13.5	13.50	13.50	10.86	9.20	8.40					
	4	3.67~14.83	18.0	18.00	13.40	10.70	9.05	8.27					
30	2	3.22~31.40	9.0	9.00	9.00	9.00	9.00						
	3	3.22~20.26	13.5	13.50	13.50	11.19	<b>10.00</b>						
	4	3.22~14.95	18.0	18.00	13.55	11.04	9.87						

## Jib & Mast schedule

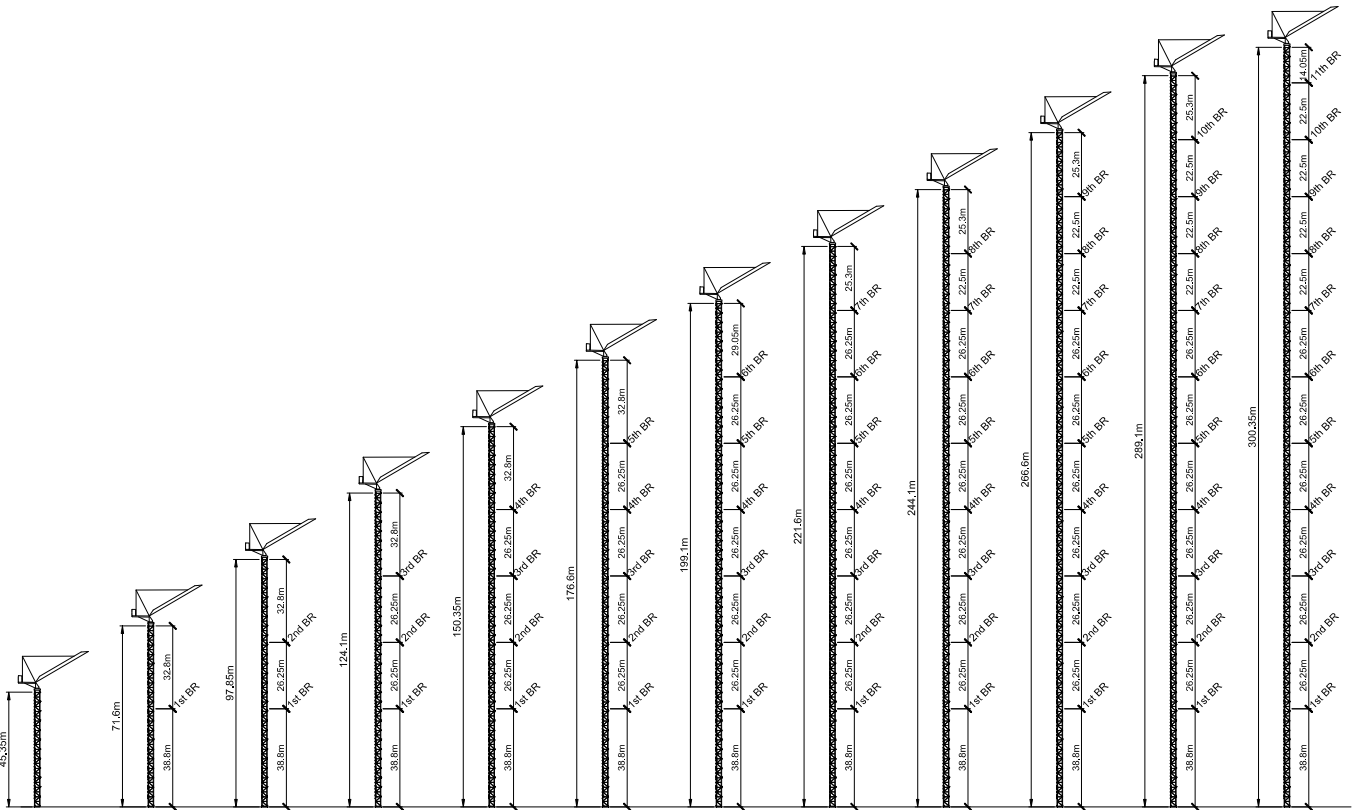


JIB	MAST Q'ty		
	BASIC MAST	MAST	HEIGHT(m)
60m	1	11	45.35
55m	1	11	45.35
50m	1	11	45.35
45m	1	12	49.10
40m	1	12	49.10
35m	1	12	49.10
30m	1	13	52.85

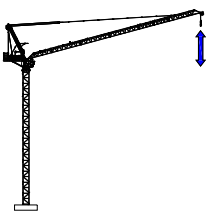
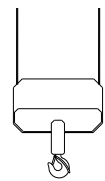
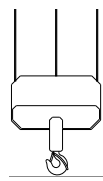
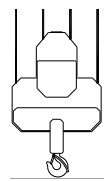
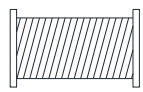
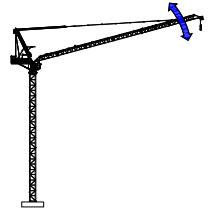
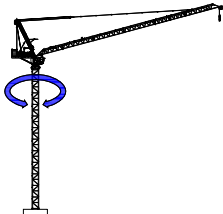
# Counter weight block schedule

CWB JIB LENGTH	TYPE			WEIGHT (ton)	DESCRIPTION
	A(4.375ton)	B(3ton)	C(1ton)		
60m	4	2	3	26.5	
55m	4	2	2	25.5	
50m					
45m					
40m	4	2	1	24.5	
35m	4	1	2	22.5	
30m	4	1	0	20.5	

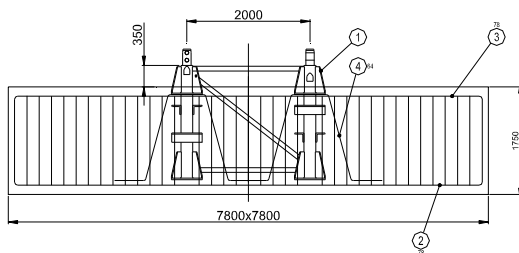
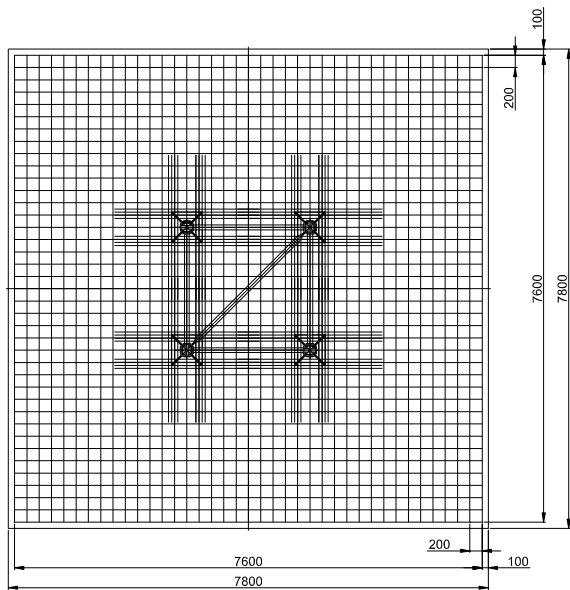
# Wall bracing Schedule



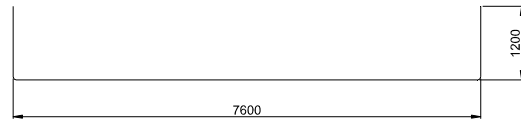
# Mechanism

Hoist winch(INVERTER)												
	Line part											Motor power
	m/min	38	76	95	25.3	50.7	63.3	19	38	47.5	20mm, 550m Max. 930m	75kW
	ton	9	4.5	3.6	13.5	6.75	5.4	18	9	7.2		
	Luffing winch(INVERTER)							Slewing machinery(INVERTER)				
	Motor Power		45kW					7.5kW × 2EA 0.6rpm				
	Speed		2.2m/min									
Wire rope		20mm, 190m										
Power supply	3ph×380V×60Hz			Control circuit			24Vdc, 110Vac			Power consumption	175kVA	

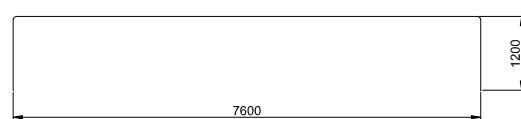
# Foundation



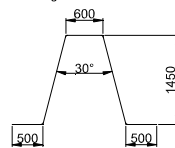
② HD25 / Length : 10000 / 78EA



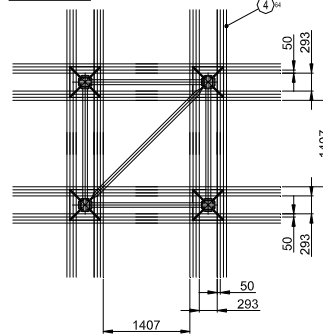
③ HD13 / Length : 10000 / 78EA



④ HD22 / Length : 4600 / 64EA



인장철근도 상세



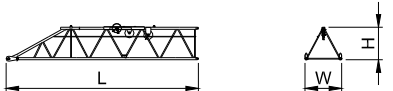
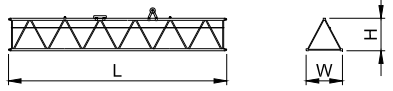
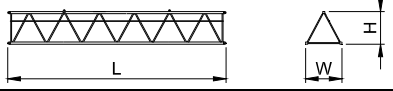
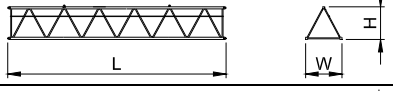

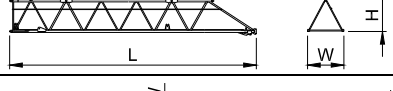

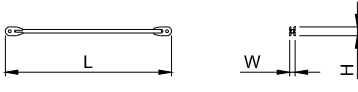



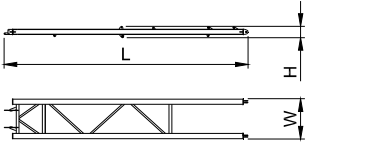
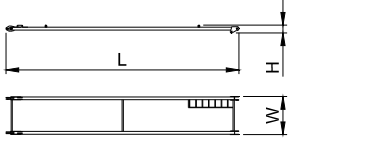

**NOTE**

1. 본 도면은 L250-18 JIB 60m이하 MAST HEIGHT 45.35m이하 용 기초도면임.
2. 이종 철이는 상기 치수 이상으로 할 것.
3. 지내력이 부족한 곳은 파일 시공 후 기초 보강 후 설치할 것.



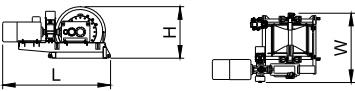
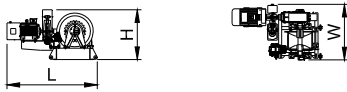
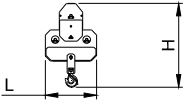
CONCRETE VOLUME	106.47m <sup>3</sup>
GRAVITY OF CONCRETE	2400kg/m <sup>3</sup>
STRENGTH OF CONCRETE GRADE	240kg/cm <sup>2</sup>
BEARING POWER OF THE SOIL (Pmax)	23ton/m <sup>2</sup>

# Packing list



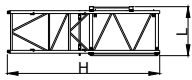
## Upper part

Description		Sketch	L(m)	W(m)	H(m)	Weight per piece(ton)	Q'ty
Jib Section	No. 1		9.17	2.73	1.71	1.52	1
	No. 2		10.40	1.78	1.64	1.08	1
	No. 3		10.40	1.78	1.64	1.00	1
	No. 4		10.40	1.78	1.64	1.00	1
	No. 5		5.25	1.78	1.64	0.56	2
	No. 6		11.68	1.75	1.76	1.42	1
Jib tiebar	1250L		1.41	0.19	0.16	0.043	1
	2500L		2.64	0.085	0.14	0.061	1
	5000L		5.14	0.085	0.14	0.107	7
Turn table		3.26	2.78	2.56	8.08	1	
Cabin		4.43	1.25	2.29	1.30	1	
Slewing mast		2.00	1.80	2.04	1.35	1	
Top tower	Front		11.50	1.95	0.50	2.13	1
	Rear		11.02	1.81	0.37	0.91	1
	Front top		0.70	1.98	2.10	0.75	1

# Packing list

Description		Sketch	L(m)	W(m)	H(m)	Weight per piece(ton)	Q'ty
Counter jib			8.12	1.98	0.86	3.88	1
Counter Weight block	A type		1.38	3.60	0.40	4.375	4
	B type		1.38	3.60	0.26	3.00	2
	C type		1.38	2.00	0.20	1.00	3
Hoist winch			2.75	1.95	1.60	4.71	1
Luffing winch			2.63	1.69	1.52	3.05	1
Hook			1.23	0.16	2.00	0.67	1

## Lower part

Description	Sketch	L(m)	W(m)	H(m)	Weight per piece(ton)	Q'ty
Basic mast		2.20	2.20	4.02	2.54	1
Mast		2.20	2.20	4.02	2.83	11
Climbing cage		2.65	2.65	9.80	4.92	1

\* 본 사양은 변경될 수 있습니다.