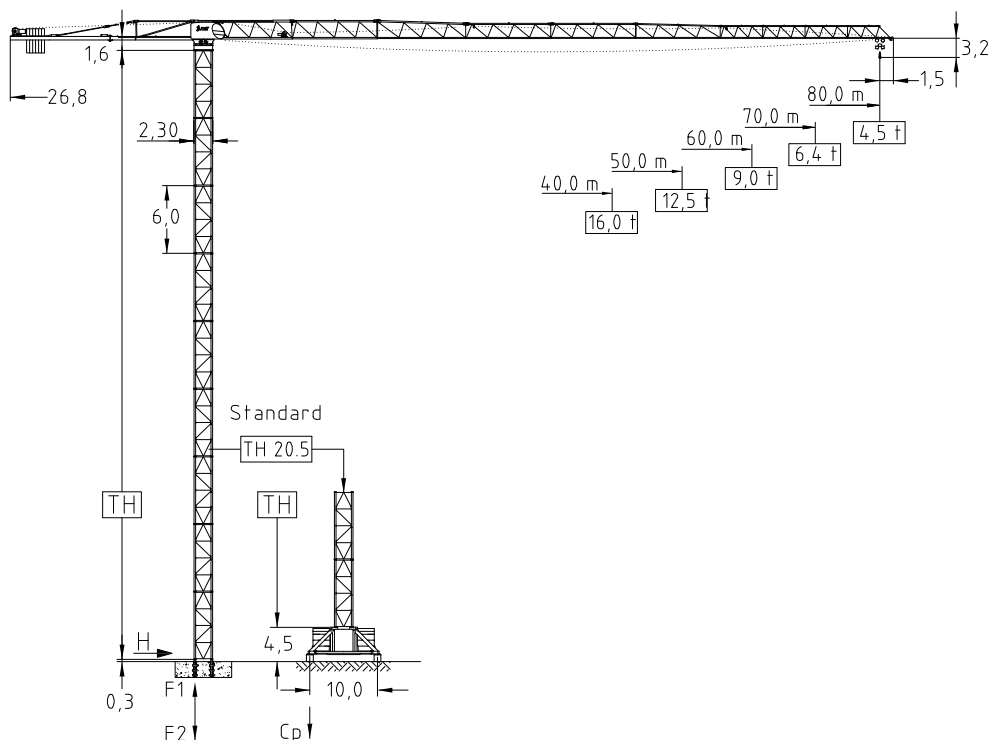


JT 612.32- 32,0 ton

Tower TH 20.5 4-fall rope

Topless Crane



Jib (m)	Tower heights	
	Standard Tower	
	Foundat.	Chassis
	TH 20.5	UC 10,0-20.5
40,0 - 50,0	72,0	69,0
60,0 - 70,0	72,0	66,0
80,0	72,0	63,0

EN 14439 : 2008
WIND C 25
ISO 9001 : 2008



Radius & Capacity													
Jib		max. Load	Jib reach										
			m	20	25	30	40	50	60	65	70	75	80
80,0	16,0	27,9	16,00	16,00	14,71	10,56	8,11	6,50	5,88	5,35	4,90	4,50	
	32,0	14,9	22,73	7,53	11,14	9,98	7,53	5,91	5,29	4,76	4,30	3,90	
70,0	16,0	31,7	16,00	16,00	16,00	12,30	9,53	7,70	7,00	6,40			
	32,0	17,0	16,48	20,56	16,69	11,95	9,16	7,31	6,60	6,00			
60,0	16,0	36,2	16,00	16,00	16,00	14,27	11,10	9,00					
	32,0	19,0	30,20	23,50	19,13	13,76	10,59	8,50					
50,0	16,0	40,1	16,00	16,00	16,00	16,00	12,50						
	32,0	21,1	32,00	26,39	21,51	15,53	12,00						
40,0	16,0	40,0	16,00	16,00	16,00	16,00							
	32,0	22,0	32,00	27,64	22,55	16,30							

Hoist 132,0 kW FI									
t	7,0	8,0	10,2	13,6	16,0	16,0			
	m/min	100	92	76	60	50	34		
t	14,0	16,0	20,4	27,2	32,0	32,0			
	m/min	50	46	38	30	25	17		
Drum capacity					1300,0 m				

Hoist 160,0 kW FI									
t	5,6	6,8	9,2	12,2	14,6	16,0			
	m/min	134	122	100	78	66	44		
t	11,2	13,6	18,4	24,4	29,2	32,0			
	m/min	67	61	50	39	33	22		
Drum capacity					800,0 m				

Power requirement	
400V (±10%) - 50Hz	

Motor	9,0 kW FI	4 x 4,4 kW	4 x 10,0 kW
t/v	0,0-100,0 m/min	0,67 rpm	25,0 m/min
Power requirement		Hoist 132,0 kW	310,0 kVA
Upper part		Hoist 160,0 kW	350,0 kVA

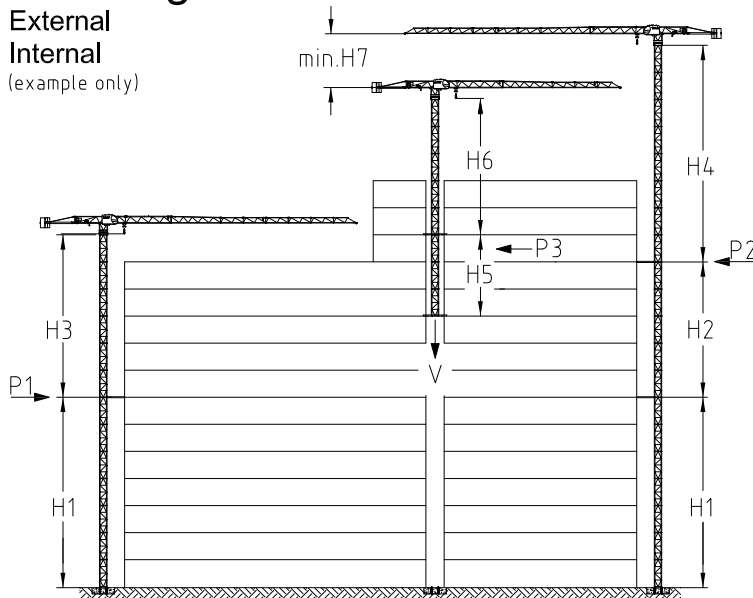
Shipping		
	Truck	Cont.
Top crane	7	8
Tower 2 unit	1	1
Climbing	2	2
Chasis	2	2

Counter weight	
Block 1	6 x 3,9 t
Block 2	2 x 2,5 t
Total	28,4 t

Ropes		
	D (mm)	N/mm ²
Hoist	22,0	1960
Trolley	14,0	1770

Climbing

External
Internal
(example only)

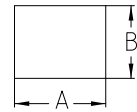


Dimensions and forces			
		in service	out of service
	m	t	t
H1	60,0		
H2	42,0		
H3	48,0		
H4	48,0		
H5	16,0		
H6	30,0		
H7	8,0		
A	3,05		
B	2,50		
P1		228,8	467,4
P2		271,3	413,2
P3		549,6	517,5
V		2063,4	1663,7

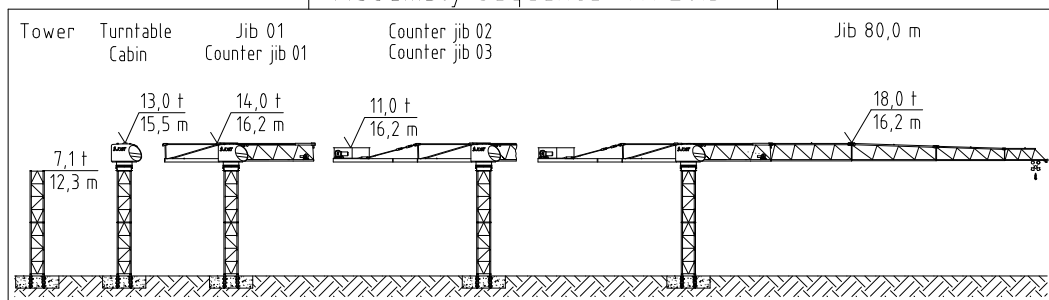
All data with TH 20.5

Jib length 40,0 m

Floor opening



Assembly sequence TH 20.5



Crane on foundation plate

		Tower TH 20.5					
Jib length (m)	Tower height (m)	No. of Towers	Foundation loadings			Corner forces	
			M (kNm)	V (kN)	H (kN)	F1 (kN)	F2 (kN)
80-70-60-50-40	72,0	12,0	16053,0	2060,1	241,9	4177,0	- 5207,0

Crane on chassis

		Tower TH 20.5 / 10,0 m					
Jib length (m)	Tower height incl. chassis (m)	No. of Towers	in service		out of service		Ballast (t)
			Cp (kN)	H (kN)	Cp (kN)	H (kN)	
80	67,5	10,5	1379,0	89,0	1625,0	339,7	35,0
70-60	70,5	11,0	1518,0	90,1	1767,0	354,6	65,0
50-40	73,5	11,5	1677,0	90,3	1677,0	355,8	85,0