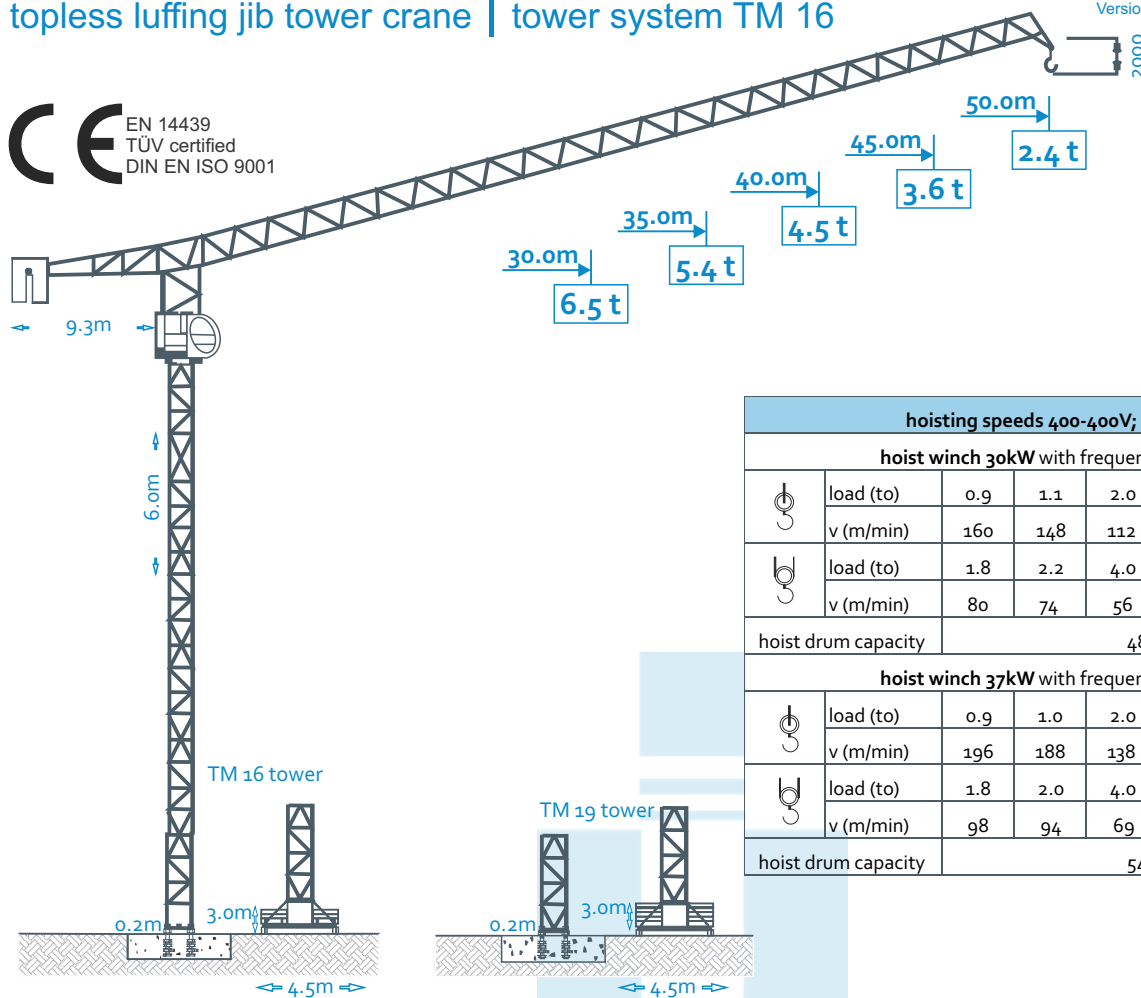


GL5024

topless luffing jib tower crane | tower system TM 16

Version 07/13, subject to modifications



hoisting speeds 400-400V; 50-60Hz							
hoist winch 30kW with frequency inverter							
	load (to)	0.9	1.1	2.0	3.0	3.5	4.0
	v (m/min)	160	148	112	80	72	42
	load (to)	1.8	2.2	4.0	6.0	7.0	8.0
	v (m/min)	80	74	56	40	36	21
hoist drum capacity		480.0m					
hoist winch 37kW with frequency inverter							
	load (to)	0.9	1.0	2.0	3.0	3.5	4.0
	v (m/min)	196	188	138	118	108	50
	load (to)	1.8	2.0	4.0	4.0	7.0	8.0
	v (m/min)	98	94	69	59	54	25
hoist drum capacity		540.0m					

jib length & maximum load									
jib length		max. load		jib radius					
m	rope	t	m	25	30	35	40	45	50
50		4.0	31.4	4.00	4.00	3.55	3.07	2.70	2.40
		8.0	-	-	-	-	-	-	-
45		4.0	40.8	4.00	4.00	4.00	4.00	3.60	
		8.0	21.4	6.77	5.57	4.72	4.09	3.60	
40		4.0	40.0	4.00	4.00	4.00	4.00		
		8.0	23.4	7.44	6.12	5.19	4.50		
35		4.0	35.0	4.00	4.00	4.00			
		8.0	24.4	7.73	6.37	5.40			
30		4.0	30.0	4.00	4.00				
		8.0	24.7	7.89	6.50				

Transport details				
	lorries	containers	Counter ballast	
crane top	5	6	type 1	2x 5.5t
2x tower	1	1	type 2	1x 7.2t
climbing	1	1	type 3	2x 1.7t
chasis	1	1	total	21.6t

Motor	15.0kW FI	1 x 4.0kW	2 x 5.0kW
t/v	2.0 min	0.77 min-1	25.0 m/min
electr. Power supply crane top		hoist winch 30kW	60 kVA
		hoist winch 37kW	75 kVA

max. Freestanding tower heights (m)						
jib length (m)	minimum radius (m)		TM 13		TM 16	
	in service	out of service	fixing angles	static base 4.6m	fixing angles	static base 4.5m
30.0	2.0	10.9	33.2	30.0	39.2	36.0
35.0	2.3	10.9	30.2	30.0	36.2	33.0
40.0	2.6	9.6	27.2	27.0	33.2	30.0
45.0	3.0	9.6	24.2	24.0	30.2	27.0