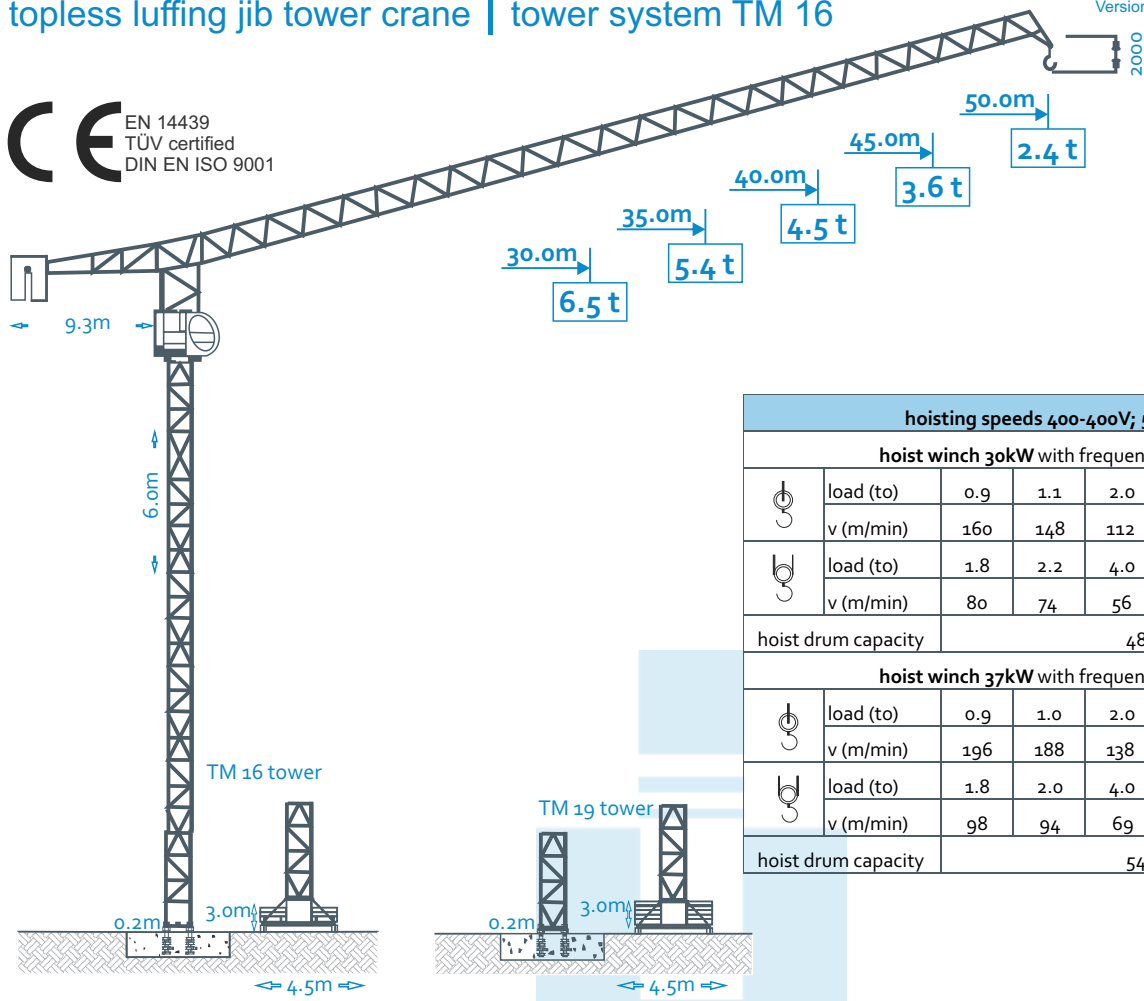


GL5024

topless luffing jib tower crane | tower system TM 16

Version 07/13, subject to modifications

CE EN 14439
TÜV certified
DIN EN ISO 9001



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 t	jib radius						
m	rope		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	

jib length (m)	minimum radius (m)		max. Freestanding tower heights (m)			
	in service	out of service	TM 13		TM 16	
			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