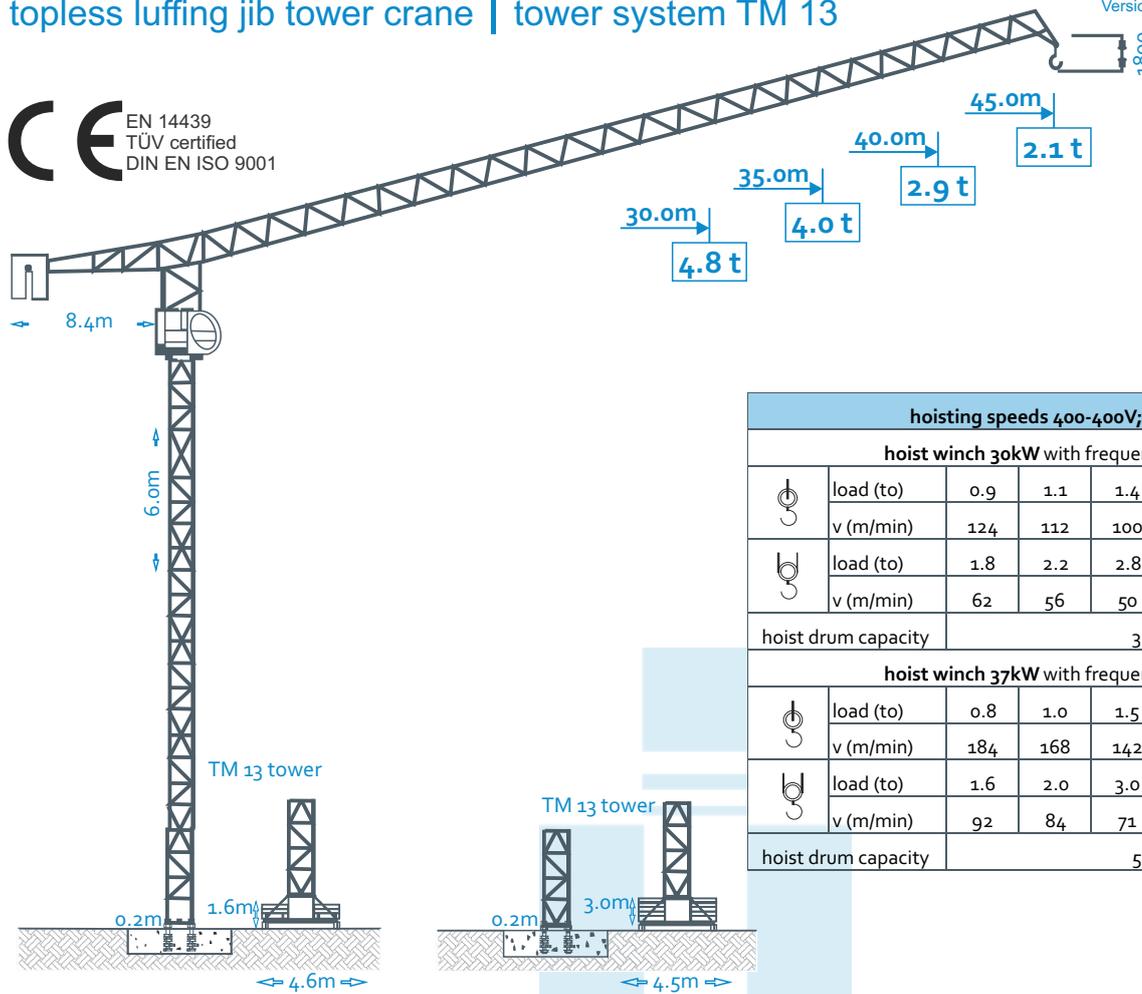


GL4521

topless luffing jib tower crane | tower system TM 13

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	1.4	1.7	2.5	3.0
	v (m/min)	124	112	100	90	72	34
⚙️	load (to)	1.8	2.2	2.8	3.4	5.0	6.0
	v (m/min)	62	56	50	45	36	17
hoist drum capacity		350.0m					
hoist winch 37kW with frequency inverter							
⚙️	load (to)	0.8	1.0	1.5	2.0	2.5	3.0
	v (m/min)	184	168	142	116	76	48
⚙️	load (to)	1.6	2.0	3.0	4.0	5.0	6.0
	v (m/min)	92	84	71	58	38	24
hoist drum capacity		540.0m					

jib length & maximum load								
jib length		max. load		jib radius				
m	rope	t	m	25	30	35	40	45
45	⚙️	3.0	26.6	3.00	3.00	2.77	2.39	2.10
	⚙️	6.0	17.3	4.01	3.29	2.77	2.39	2.10
40	⚙️	3.0	38.8	3.00	3.00	3.00	2.90	
	⚙️	6.0	20.5	4.83	3.97	3.35	2.90	
35	⚙️	3.0	35.0	3.00	3.00	3.00		
	⚙️	6.0	24.0	5.74	4.72	4.00		
30	⚙️	3.0	30.0	3.00	3.00			
	⚙️	6.0	24.4	5.84	4.80			

Transport details			
	lorries	containers	Counter ballast
crane top	5	6	type 1 2x 4.4t
2x tower	1	1	type 2 1x 7.2t
climbing	1	1	type 3 -
chasis	1	1	total 16.0t

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)	max. Freestanding tower heights (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