

JTL 168.004



Machine
Rating(kVA)

Design Running
Current
(Amps)

Expected Starting
Current
(Amps)

Minimum Isolator
Requirements
(3Phase 50HZ)

Minimum
Generator
Requirements
(Minimum kVA)

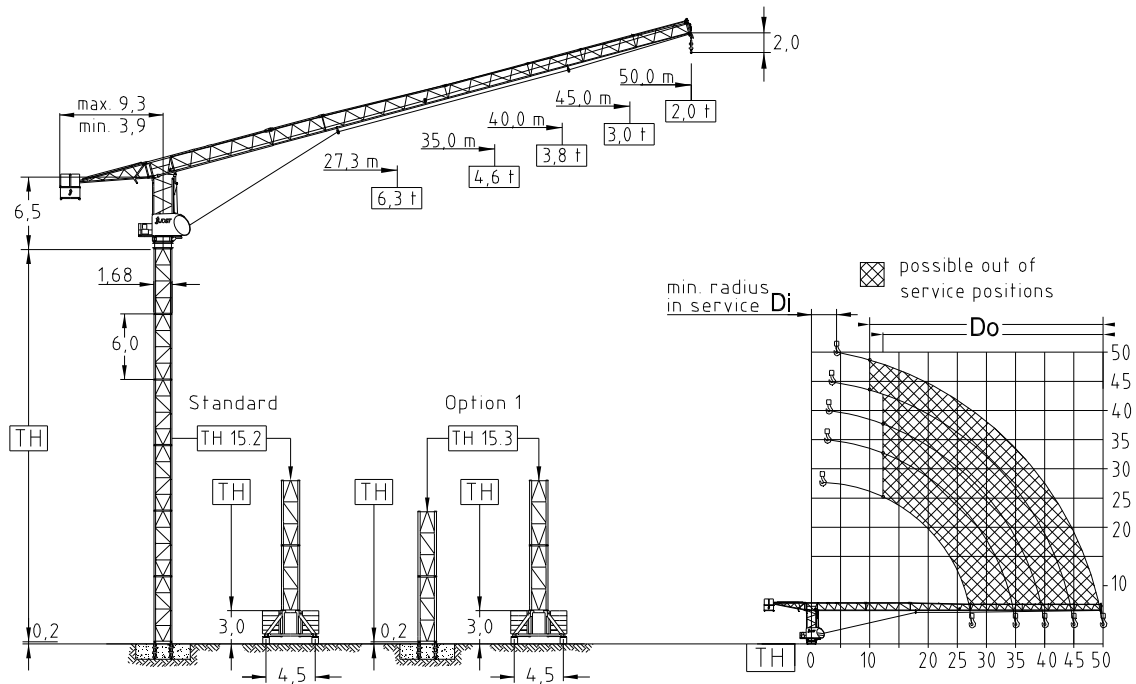
100

144

158.7

160

200



			Tower heights all data in (m)			
Jib (m)	Jib radius		Standard Tower		Option 1	
	(m)		Foundat.	Chassis	Foundat.	Chassis
	Di	Do	TH 15.2	UC 4,5-15.2	TH 15.3	UC 4,5-15.3
27,3	2,2	12,0	39,0	39,0	51,0	39,0
35,0	2,8	12,0	36,0	33,0	48,0	33,0
40,0	3,2	12,0	33,0	30,0	45,0	30,0
45,0	3,6	10,0	30,0	27,0	42,0	27,0
50,0	4,1	10,0	27,0	24,0	39,0	24,0

		Hoist 37,0 kW FI					
φ	t	0,9	1,1	2,0	3,0	3,5	4,0
	m/min	160	148	112	80	72	42
φ	t	1,8	2,2	4,0	6,0	7,0	8,0
	m/min	80	74	56	40	36	21
Hook height		1-fall 480,0 m					
		2-fall 240,0 m					

Radius & Capacity											
Jib		max. Load		Jib radius							
m	rope	t	m	22	25	27,3	30	35	40	45	50
50,0		4,0	25,9	4,00	4,00	3,79	3,43	2,92	2,54	2,24	2,00
		-	-	-	-	-	-	-	-	-	-
45,0		4,0	34,2	4,00	4,00	4,00	4,00	3,90	3,39	3,00	-
		8,0	17,3	6,25	5,46	4,97	4,50	3,81	3,30	2,90	-
40,0		4,0	38,1	4,00	4,00	4,00	4,00	4,00	3,80	-	-
		8,0	19,3	6,97	6,10	5,56	5,03	4,27	3,70	-	-
35,0		4,0	35,0	4,00	4,00	4,00	4,00	4,00	-	-	-
		8,0	20,7	7,05	6,65	5,98	5,42	4,60	-	-	-
27,3		4,0	27,3	4,00	4,00	4,00	-	-	-	-	-
		8,0	21,7	7,89	6,91	6,30	-	-	-	-	-

		Hoist 45,0 kW FI					
φ	t	1,0	1,2	2,0	3,8	3,9	4,0
	m/min	188	172	138	88	68	50
φ	t	2,0	2,4	4,0	7,6	7,8	8,0
	m/min	94	86	69	44	34	25
Hook height		1-fall 560,0 m					
		2-fall 280,0 m					

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

Shipping		
	Truck	Cont.
Top crane	5	6
Tower 2 units	1	1
Climbing	1	1
Chassis	1	1

Motor	15,0 kW FI	1 x 4,4 kW FI	2 x 5,0 kW
t/v	2,0 min	0,77 rpm	25,0 m/min
Power requirement	Hoist 37,0 kW	85 kVA	
Upper part	Hoist 45,0 kW	100 kVA	

Counter weight		Ropes	
Block 1	3 x 5,5 t	D (mm)	N/mm ²
Block 2	3 x 1,7 t	Hoist	16,0 1960
Block 3	-	JOST Cranes GmbH reserve the right to alter or amend any information contained in this datasheet without prior notice and no responsibility can be accepted for errors or omissions.	
Total	21,6 t		



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