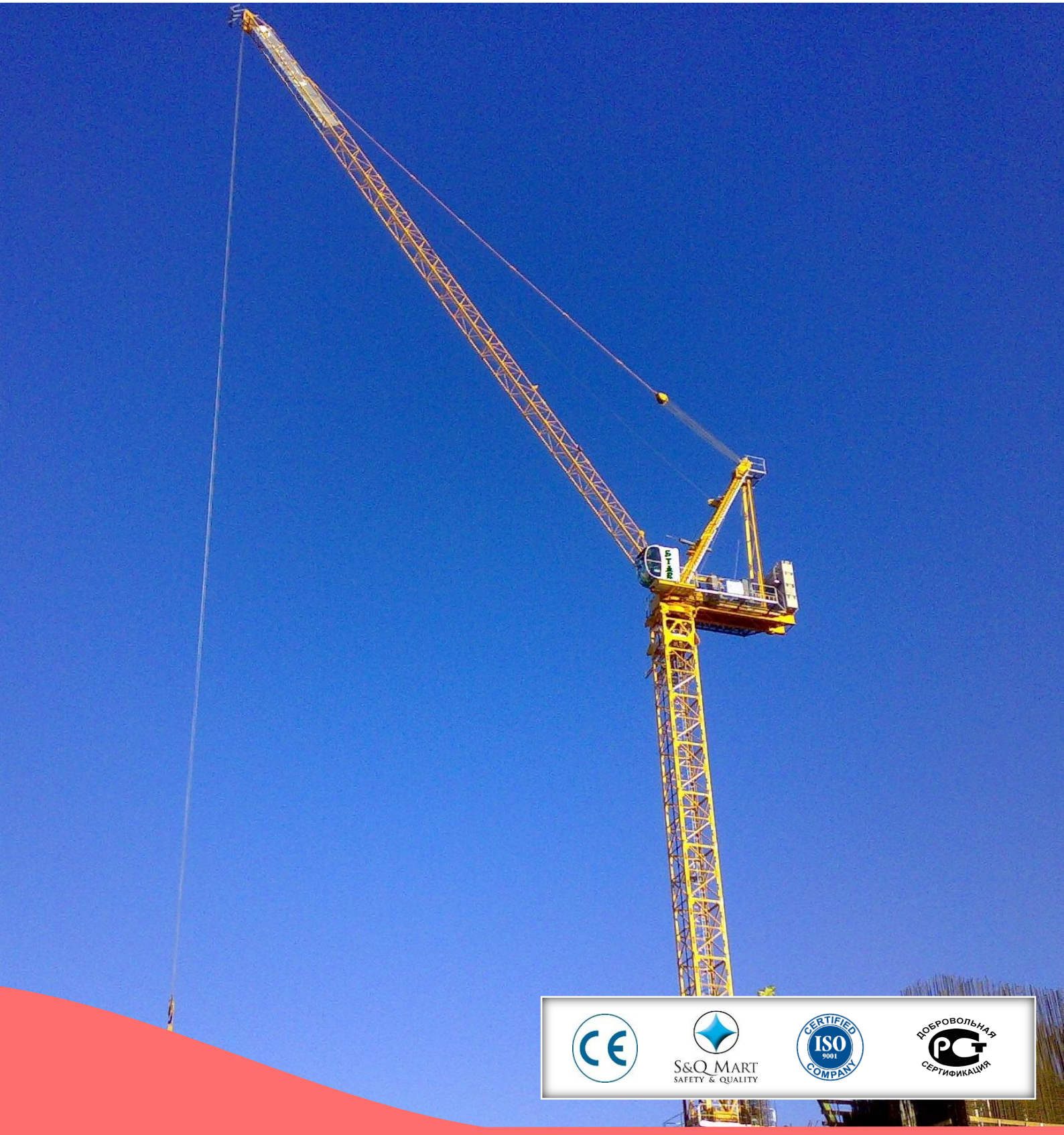
Star Crane

SLG 5523-18

Experts in the field

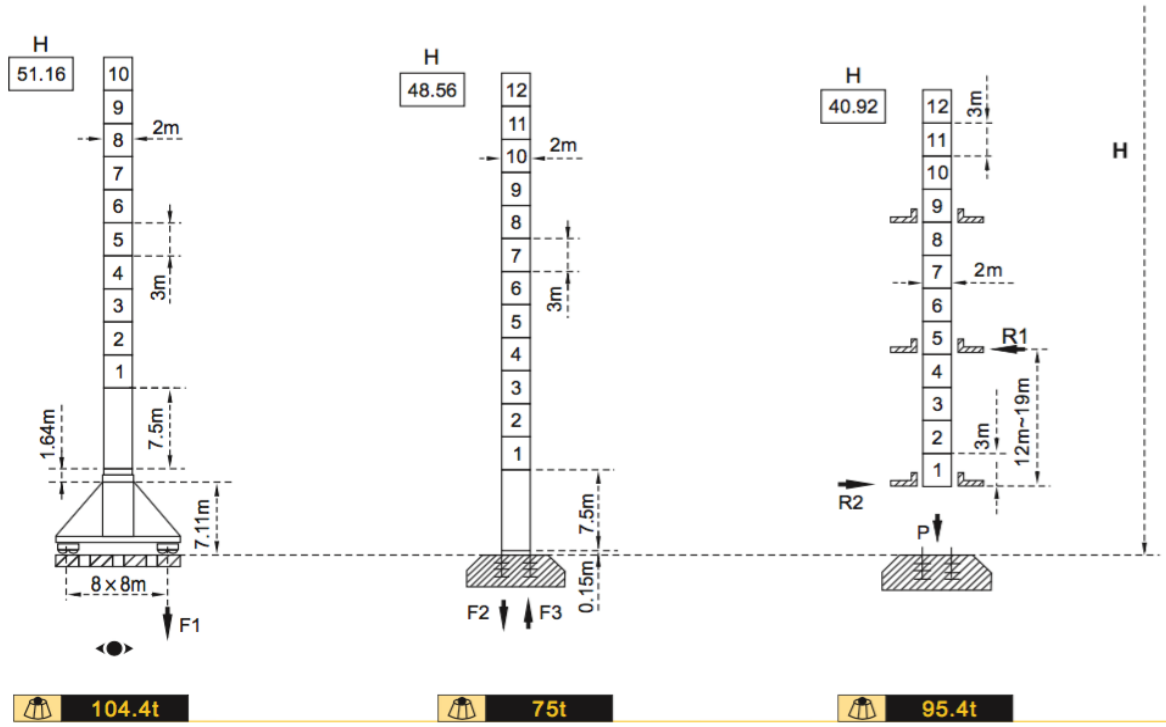


www.starcranes.com info@starcranes.com

Mast

⍁ 2m x 2m

L69



H (m)

JIB 55m

● in service

■ out of service

Without load and ballast with longest jib and maximum height

F= Reactions

Load diagrams

Jib

55m

3.5 →				27.8	28	30	33	35	38	40	43	45	48	50	53	55 m
				9.0	8.91	8.02	6.88	6.23	5.38	4.88	4.22	4.83	3.3	3.0	2.56	2.3 t
3.5 →	22.2	23	25	28	30	33	35	38	40	43	45	48	50	53	55 m	
	12	11.47	10.2	8.57	7.68	6.54	5.9	5.06	4.57	3.92	3.53	3.03	2.72	2.32	2.08 t	

50m

3.5 →				28.6	30	33	35	38	40	43	45	48	50 m
				9	8.4	7.26	6.61	5.75	5.25	4.6	4.2	3.67	3.35 t
3.5 →	20.9	23	25	28	30	33	35	38	40	43	45	48	50 m
	13.5	11.9	10.6	8.97	8.08	6.95	6.3	5.45	4.96	4.32	3.93	3.43	3.13 t

45m

3.5 →				28.7	30	33	35	38	40	43	45 m
				9	8.43	7.3	6.65	5.8	5.3	4.64	4.25 t
3.5 →	18.3	20	23	25	28	30	33	35	38	40	43	45 m
	16	14.3	11.9	10.6	9.02	8.14	7.0	6.36	5.53	5.05	4.4	4.03 t

40m

3.5 →				28.7	30	33	35	38	40 m		
				9	8.43	7.3	6.65	5.83	5.35 t		
3.5 →	16.4	18	20	23	25	28	30	33	35	38	40 m
	18	16.4	14.3	11.9	10.6	9.05	8.2	7.0	6.3	5.6	8.14 t

35m

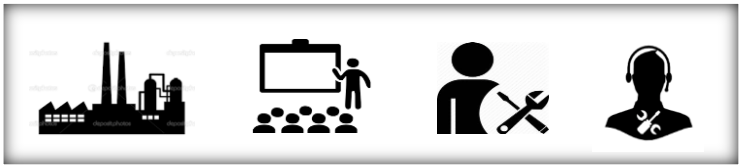
3.5 →				28.4	30	33	35 m		
				9	8.43	7.3	6.7 t		
3.5 →	16.4	18	20	23	25	28	30	33	35 m
	18	16.4	14.3	11.9	10.6	9.05	8.2	7.07	6.5 t

30m

3.5 →				29.2	30 m			
				9	8.7 t			
3.5 →	16.4	18	20	23	25	28	30 m	
	18	16.4	14.3	11.9	10.7	9.26	8.5 t	

Specifications Mechanisms

Mechanisms	Motor Type	Speeds m/min		Capacity t.	Rope Lenght	Motor kW
Hoisting	122LVF45B	2 fall	0-44	9	650m >650m★	90
			0-88	4.5		
		4 fall	0-22	18		
			0-44	9		
Trolleying	60BVF45	≤2.5min				45
	62DVF45	≤2.5min				45
Slewing	16RVF	0-0.7r/min				2×5.5
Travelling	RT843	0-16-32				8×2.6/5.2

★ To be supplied according to client's specific requirements

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