



Hoisting Mechanism

Max. hoisting speed	-----	100m/min
Max. tractive force	-----	20KN
Reducer ratio	-----	12.65
Motor		
Rated power	-----	37/37KW
Rated speed	-----	715/1335rpm

Slewing Mechanism

Slewing speed	-----	0~0.6rpm
Reducer ratio	-----	195
Motor		
Rated power	-----	3.7KW×2
Rated speed	-----	1000rpm
Output gear		
Module	-----	12
Number of teeth	-----	17

Main Technical Specification

Rated load moment	-----	1250KN·m
Max. working radius	-----	60m
Independent height	-----	41m
Max. height	-----	200m
Max. lifting capacity	-----	8000Kg
Size of mast section	-----	1835×1835×2500mm

Trolleying Mechanism

Max. luffing speed	-----	60m/min
Reducer ratio	-----	33
Motor		
Rated power	-----	5/2.5/1.0KW
Rated speed	-----	1440/720/200rpm

Rated Lifting Load Capacity

	m	2.5-15.6	20	25	30	35	40	45	50	55	60
8t 15.6m	t	8	6.02	4.63	3.70	3.07	2.59	2.22	1.92	1.68	1.50
4t 29.0m	t	4	4	4	3.77	3.14	2.66	2.29	1.99	1.75	1.50

Climbing Mechanism

Motor		
Rated power	-----	5.5KW
Rated speed	-----	1440rpm

Hydraulic pump		
Hydraulic flow rate	-----	14L/min
Hydraulic pressure	-----	25MPa

Climbing hydraulic cylinder		
Diameter	-----	160mm
Stroke	-----	1600mm

	m	2.5-16.6	20	25	30	35	40	45	50	55
8t 16.6m	t	8	6.46	4.98	4.10	3.31	2.80	2.40	2.09	1.80
4t 30.0m	t	4	4	4	4	3.38	2.87	2.47	2.16	1.90

	m	2.5-17.3	20	25	30	35	40	45	50
8t 17.3m	t	8	6.77	5.22	4.21	3.49	2.95	2.54	2.30
4t 31.0m	t	4	4	4	4	3.56	3.02	2.61	2.30