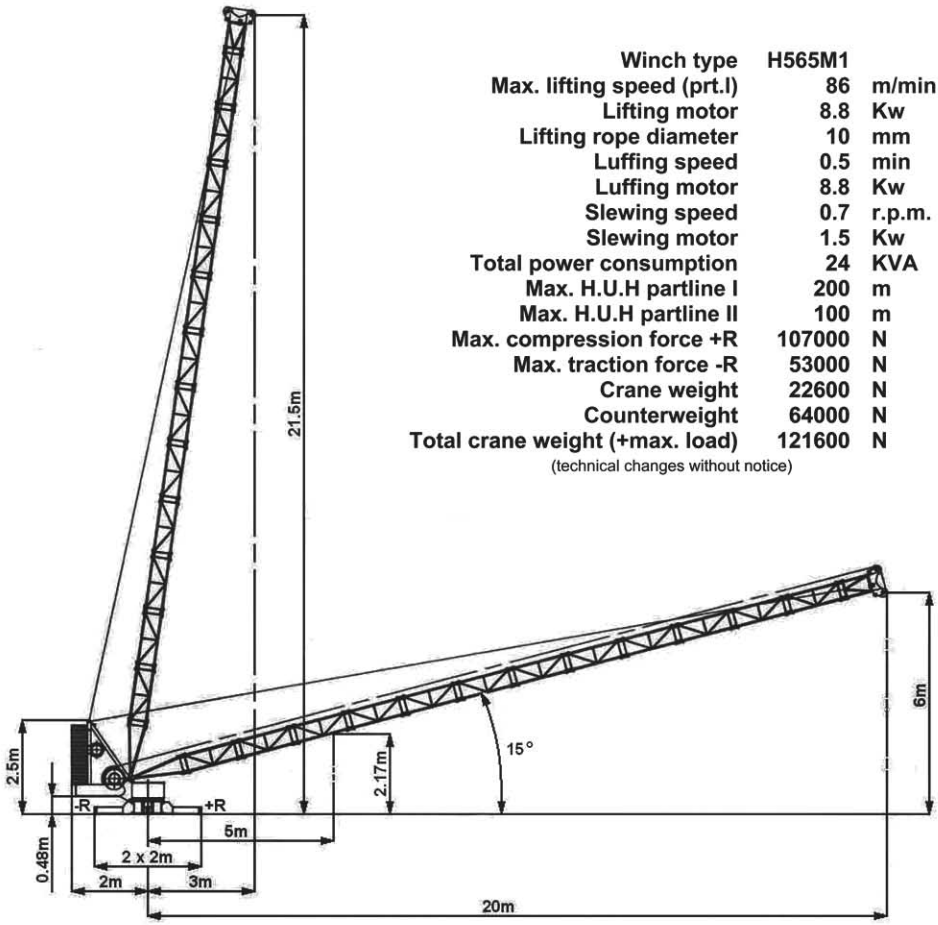
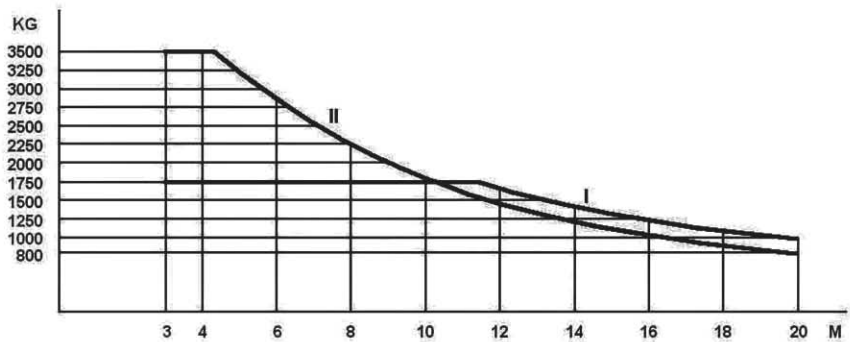
Lion 20.1L

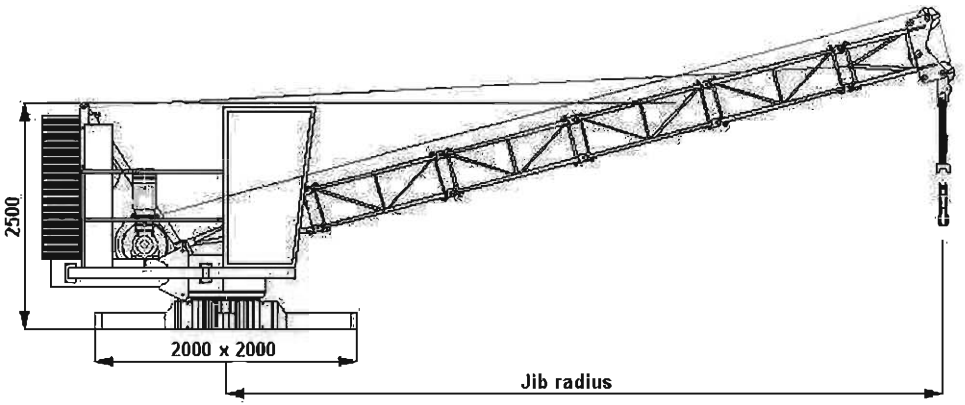
Winch type	H565M1	
Max. lifting speed (prt.l)	86	m/min
Lifting motor	8.8	Kw
Lifting rope diameter	10	mm
Luffing speed	0.5	min
Luffing motor	8.8	Kw
Slewing speed	0.7	r.p.m.
Slewing motor	1.5	Kw
Total power consumption	24	KVA
Max. H.U.H partline I	200	m
Max. H.U.H partline II	100	m
Max. compression force +R	107000	N
Max. traction force -R	53000	N
Crane weight	22600	N
Counterweight	64000	N
Total crane weight (+max. load)	121600	N

(technical changes without notice)





Lion 20.1L



Jib radius (B) m	Boom length (m)	Boom height (m)	Tipping load (tonn)	Max. load (tonn)	Hook partline nos.
20.00	20.67	3.77	1.00	2.5	1
18.54	19.19	3.52	1.05	4	1-2
17.08	17.71	3.27	1.15	5	1-2
15.62	16.23	3.02	1.25	5	1-2
14.17	14.75	2.76	1.40	5	1-2
12.71	13.27	2.51	1.55	5	1-2
11.25	11.79	2.26	1.75	5	1-2
9.79	10.31	2.01	2.00	7.5	2-3
8.20	8.83	1.76	2.40	7.5	2-3
6.74	7.35	1.51	2.90	7.5	2-3
5.28	5.87	1.26	3.70	10	2-3-4
3.83	4.39	1.00	5.00	10	2-3-4

Jib radius max m	Jib radius min m	Counterweight Pz. nos.	Counterweight weight tonn.	Crane weight own tonn.	Crane weight total tonn.
20.00	1.5	80	6.4	9.32	10.8
18.54	1.45	80	6.4	9.28	10.9
17.08	1.4	80	6.4	9.23	10.9
15.62	1.35	80	6.4	9.19	11.0
14.17	1.3	70	5.6	8.34	10.3
12.71	1.25	70	5.6	8.30	10.4
11.25	1.2	60	4.8	7.45	10.0
9.79	1.1	60	4.8	7.40	10.0
8.20	1	60	4.8	7.36	10.5
6.74	0.95	50	4.0	6.51	10.2
5.28	0.9	50	4.0	6.46	11.0
3.82	0.85	50	4.0	6.42	12.5

Maximum foundation reaction forces (Kg)

Traction	Compression
-5336	10740
-4988	10426
-4701	10146
-4411	9892
-4332	9475
-4075	9281
-4027	8924
-3773	8820
-3506	8761
-3443	8561
-3116	8672
-2669	8950

Radius (m) Capacity (tonnes)

1.00	1.50	2.00	2.50	3.82	5.28	6.74	8.20	9.79	11.25	12.71	14.17	15.62	17.08	18.54	20.00
	2.50	2.50	2.50	2.50	2.50	2.50	2.37	2.04	1.78	1.57	1.41	1.28	1.17	1.08	1.00
	4.00	4.00	4.00	4.00	3.68	2.89	2.37	1.99	1.73	1.53	1.37	1.25	1.14	1.05	
	5.00	5.00	5.00	5.00	3.72	2.91	2.40	2.00	1.74	1.54	1.39	1.26	1.15		
	5.00	5.00	5.00	5.00	3.70	2.90	2.38	1.99	1.74	1.54	1.38	1.25			
	5.00	5.00	5.00	5.00	3.75	2.92	2.42	2.00	1.76	1.56	1.40				
	5.00	5.00	5.00	5.00	3.73	2.92	2.40	2.00	1.75	1.55					
	5.00	5.00	5.00	5.00	3.73	2.90	2.40	2.00	1.75						
7.50	7.50	7.50	7.50	5.16	3.70	2.90	2.39	2.00							
7.50	7.50	7.50	7.50	5.15	3.73	2.92	2.40								
7.50	7.50	7.50	7.50	5.11	3.70	2.90									
10.0	10.0	9.55	7.64	5.11	3.70										
10.0	10.0	9.55	7.64	5.00											