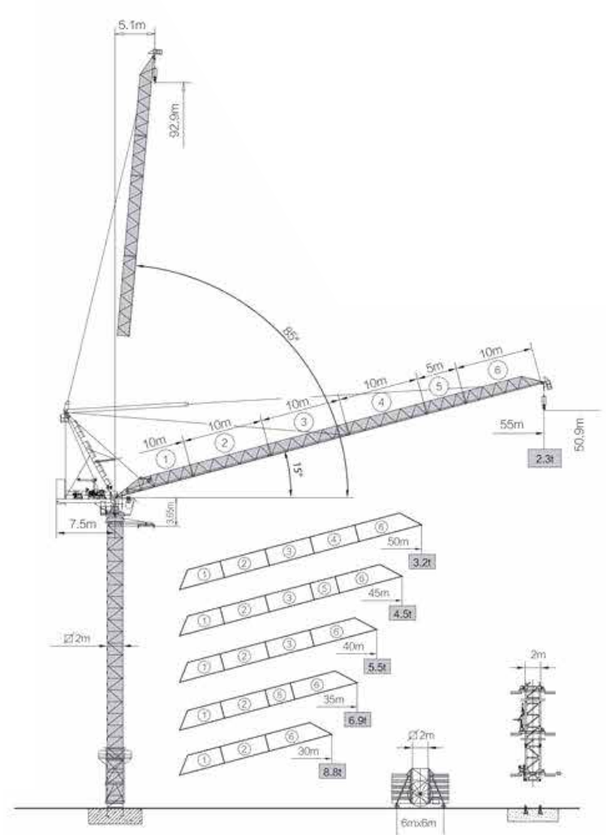
LUFFING
HL 235



LOAD DIAGRAMS

Fall	Range(m)	5.1—24.4	25	29.79	30	35	36.9	40	45	50	55
	luffing degree	85°—64.7°	64°	58.5°	58.3°	52.1°	49.62°	45.4°	37.7°	28.5°	15°
IV	Load (t)	10	9.67	7.40	7.35	5.76	4.80	4.42	3.45	2.70	2.1
III		7.5			7.45	5.86	4.90	4.52	3.55	2.80	2.2
II		5						4.62	3.65	2.90	2.3

Fall	Range(m)	4.7—24.76	25	30	30.38	35	39.35	40	45	50
	luffing degree	85°—61.5°	61.2°	54.6°	54.1°	47.5°	40.5°	39.4°	29.5°	15°
IV	Load (t)	10	9.85	7.60	7.40	5.95	4.80	4.66	3.74	3.0
III		7.5				6.05	4.90	4.76	3.84	3.1
II		5						4.86	3.94	3.2

Fall	Range(m)	4.3—25.37	30	32.95	35	40	43.4	45
	luffing degree	85°-57°	50°	45°	41.3°	30.8°	21.12°	15°
IV	Load (t)	10	8.24	7.40	6.52	5.27	4.80	4.3
III		7.5			6.62	5.37	4.90	4.4
II		5						4.5

Fall	Range(m)	3.8—26.2	30	33.1	35	40
	luffing degree	85°—50.82°	43.6°	36.93°	32.3°	15°
IV	Load (t)	10	8.28	7.40	6.58	5.4
III		7.5			6.68	5.5
II		5				

Fall	Range(m)	3.3—26.5	30	33.36	35
	luffing degree	85°—43°	34.1°	22.86°	15°
IV	Load (t)	10	8.40	7.40	6.8
III		7.5			6.9
II		5			

Fall	Range(m)	2.9—27.2	30
	luffing degree	85°—28.84°	15°
IV	Load (t)	10	8.8
III		7.5	
II		5	

SPECIFICATIONS (MECHANISMS)

	mechanism	m/min	t	m/min	t	m/min	t	m	Power HP	Power Kw
Hoisting	60LVF25	0-22.5	10	0-33.8	7.5	0-45	5	600	60	45
		0-45	5	0-67.5	3.75	0-90	2.5			
Luffing	40DVF35	≤3min		Ferquency control					30Kw	
Slewing	RCV120A	0-0.7r/min							Torque 2x120N.m	
	RCF120	0-0.7r/min		Ferquency control					Torque 2x120N.m	
Traveling	18TVF	0-25m/min		Ferquency control					4x3.4kw	
Power supply		CE138: ICE38							380V(±5%)/50Hz 440V(±5%)/60Hz	
Necessary electric power									115KVA