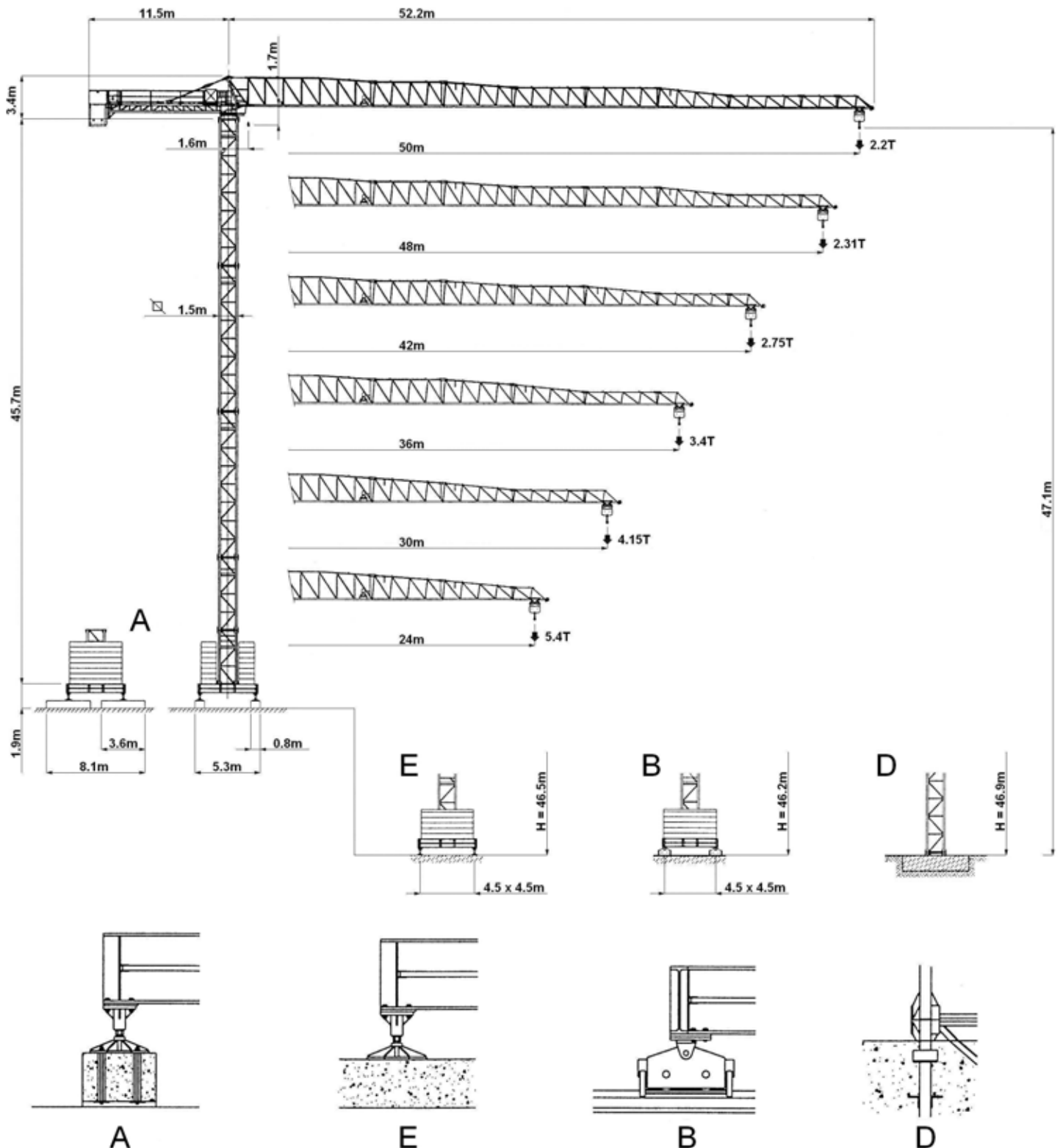


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

FLAT TOP CITY TOWER CRANE



VANSON MR108+3

FLAT TOP CITY TOWER CRANE

RADIUS AND S.W.L.

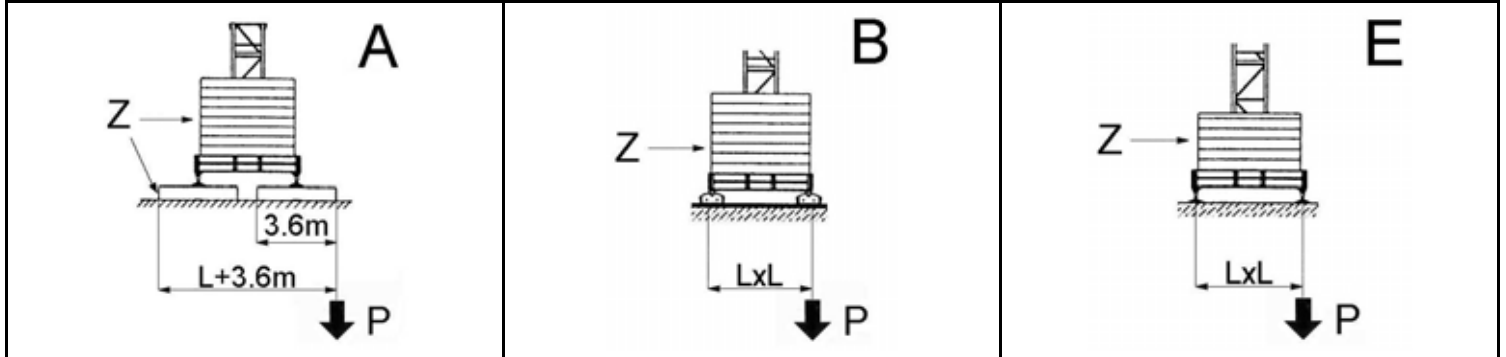
Max s.w.l.		4000kg 						8000kg  / 4000kg 					
Jib	m	24	30	36	42	48	50	24	30	36	42	48	50
Max s.w.l. from 1.4m	to	24.0	30.0	31.1	30.0	29.4	29.3	16.9	16.8	16.5	16.1	15.8	15.8
Radius (m)	12	4000	4000	4000	4000	4000	4000	8000	8000	8000	8000	8000	8000
	14	4000	4000	4000	4000	4000	4000	8000	8000	8000	8000	8000	8000
	16	4000	4000	4000	4000	4000	4000	8000	8000	8000	8000	7913	7913
	18	4000	4000	4000	4000	4000	4000	7454	7389	7272	7043	6938	6938
	20	4000	4000	4000	4000	4000	4000	6627	6569	6464	6259	6164	6164
	22	4000	4000	4000	4000	4000	4000	5956	5903	5808	5622	5537	5537
	24	4000	4000	4000	4000	4000	4000	5400	5352	5265	5095	5017	5017
	26		4000	4000	4000	4000	4000		4888	4808	4651	4579	4579
	28		4000	4000	4000	4000	4000		4492	4418	4273	4206	4206
	30		4000	4000	3996	3909	3901		4150	4081	3946	3884	3884
	32			3872	3722	3640	3633			3787	3661	3603	3603
	34			3622	3481	3404	3397			3529	3410	3355	3355
	36			3400	3267	3194	3188			3300	3188	3136	3136
	38				3076	3007	3002				2989	2940	2940
	40				2905	2840	2834				2811	2765	2765
	42				2750	2688	2683				2650	2606	2606
	44					2550	2545					2462	2462
46					2425	2420					2331	2331	
48					2310	2305					2210	2210	
50						2200						2100	

JIB AND COUNTERWEIGHT

Jib	(m)	24	30	36	42	48	50
Counterweight	(t)	5.49	5.946	8.077	10.208	11.892	14.023
Composition	Type	Quantity					
	A99+3	1	2	3	4	4	5
	B99+3	2	1	1	1	2	2

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H.U.H., MAX. BASE BALLAST AND CORNER PRESSURE



ON CROSSBASE

L = 4.5m

H (m)	max. Z (t)	P (kN)	H (m)	max. Z (t)	P (kN)	H (m)	max. Z (t)	P (kN)
19.1	33.40	319	18.2	35.40	328	18.50	35.40	325
22.05	33.40	329	21.15	35.40	336	21.45	35.40	333
25.0	33.40	339	24.1	35.40	346	24.4	35.40	343
30.9	33.40	363	30.0	41.30	381	30.3	41.30	378
36.8	45.20	430	35.9	41.30	413	36.2	41.30	414
42.7	62.90	596	41.8	59.00	572	42.1	59.00	581
47.1	68.80	744	46.2	64.90	714	46.5	64.90	723

ON CROSSBASE

L = 3.8m



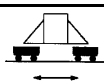
H (m)	max. Z (t)	P (kN)	H (m)	max. Z (t)	P (kN)	H (m)	max. Z (t)	P (kN)
19.10	51.10	393	18.20	47.20	384	18.20	47.20	382
22.05	51.10	403	21.15	47.20	394	21.45	47.20	392
25.0	51.10	414	24.1	47.20	405	24.4	47.20	403
30.9	57.00	452	30.0	53.10	443	30.3	53.10	441
36.8	62.90	514	35.9	59.00	495	36.2	59.00	498
42.7	80.60	722	41.8	76.70	688	42.1	76.70	700




STATIONARY

	H (m)	17.4	23.3	29.2	35.1	41.0	46.9		H (m)	55.7
	T (kN)	175	173	273	538	793	1091		T (kN)	1553
	P (kN)	340	349	462	743	1013	1328		P (kN)	1782
	q max. (Kg/cm ²)	0.70	0.84	0.90	0.98	1.31	1.86		q max. (Kg/cm ²)	1.70

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FLAT TOP CITY TOWER CRANE

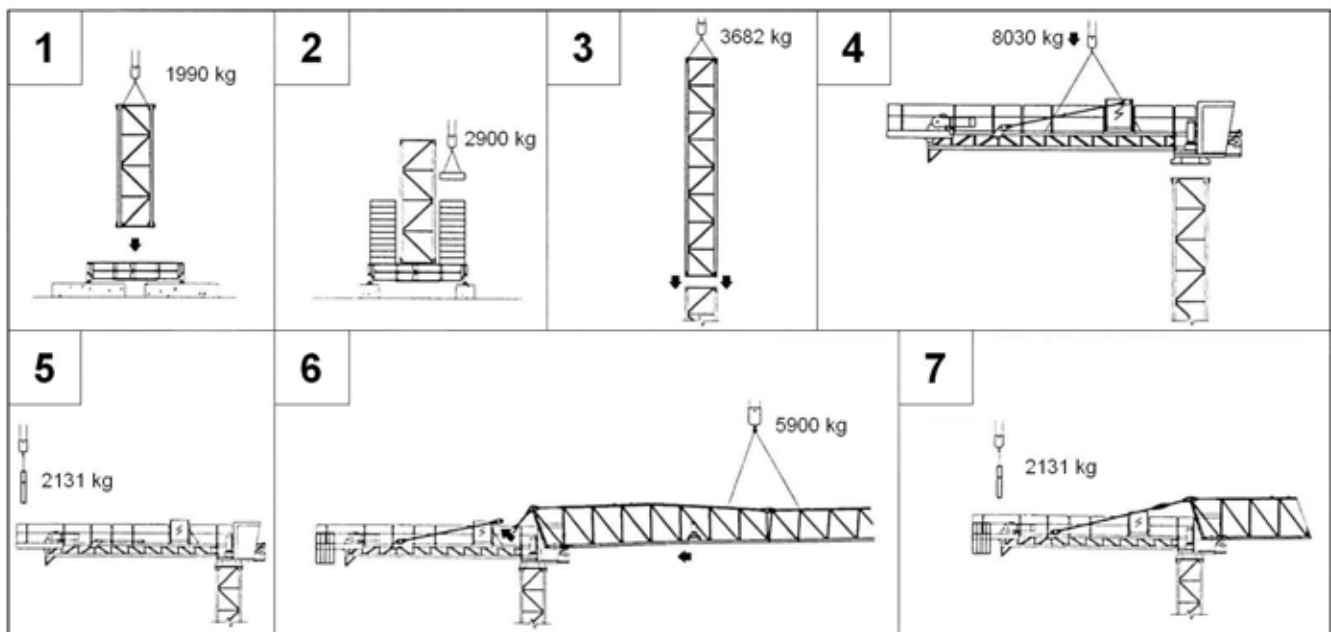
		Speed	Power
Slewing		0.23 / 0.47 / 0.71 m/min	2 x 3.2 Kw
Trolley		27 / 54 m/min	5.5 Kw
		18.8 / 35.2 / 54 m/min Progressive	5.5Kw
Rail		18 m/min	2 x 3 Kw

Winch		Step	Load / speed	
				
Type	25 HP 18.4 Kw - 6	1	3000 kg - 7.5 m/min	6000 kg - 3.7 m/min
		2	3000 kg - 30 m/min	6000 kg - 15 m/min
		3	1500 kg - 60 m/min	3000 kg - 30 m/min
		1	4000 kg - 7 m/min	8000 kg - 3.5 m/min
		2	4000 kg - 28 m/min	8000 kg - 14 m/min
		3	2000 kg - 56 m/min	4000 kg - 28 m/min
	25 HP 18.4 Kw - 6VF INVERTER	1	3000 kg - 6 m/min	6000 kg - 3 m/min
		2	3000 kg - 30 m/min	6000 kg - 15 m/min
		3	1500 kg - 60 m/min	3000 kg - 30 m/min
			1000 kg - 72 m/min	2000 kg - 36 m/min
		1	4000 kg - 5.6 m/min	8000 kg - 2.8 m/min
		2	4000 kg - 28 m/min	8000 kg - 14 m/min
33 HP 24.3 Kw - 8VF INVERTER	3	2000 kg - 56 m/min	4000 kg - 28 m/min	
		1300 kg - 67 m/min	2600 kg - 33.6 m/min	

In compliance with the EEC 84/534 instruction on noise level

Total Installed Power	18.4 Kw (25 HP)	24.3 Kw (33 HP)
	37 Kw	43 Kw

ASSEMBLING SEQUENCE



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July 2003