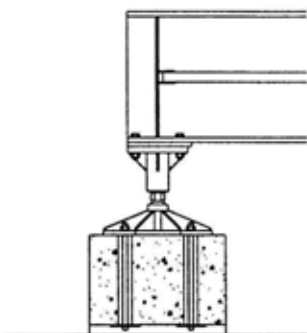
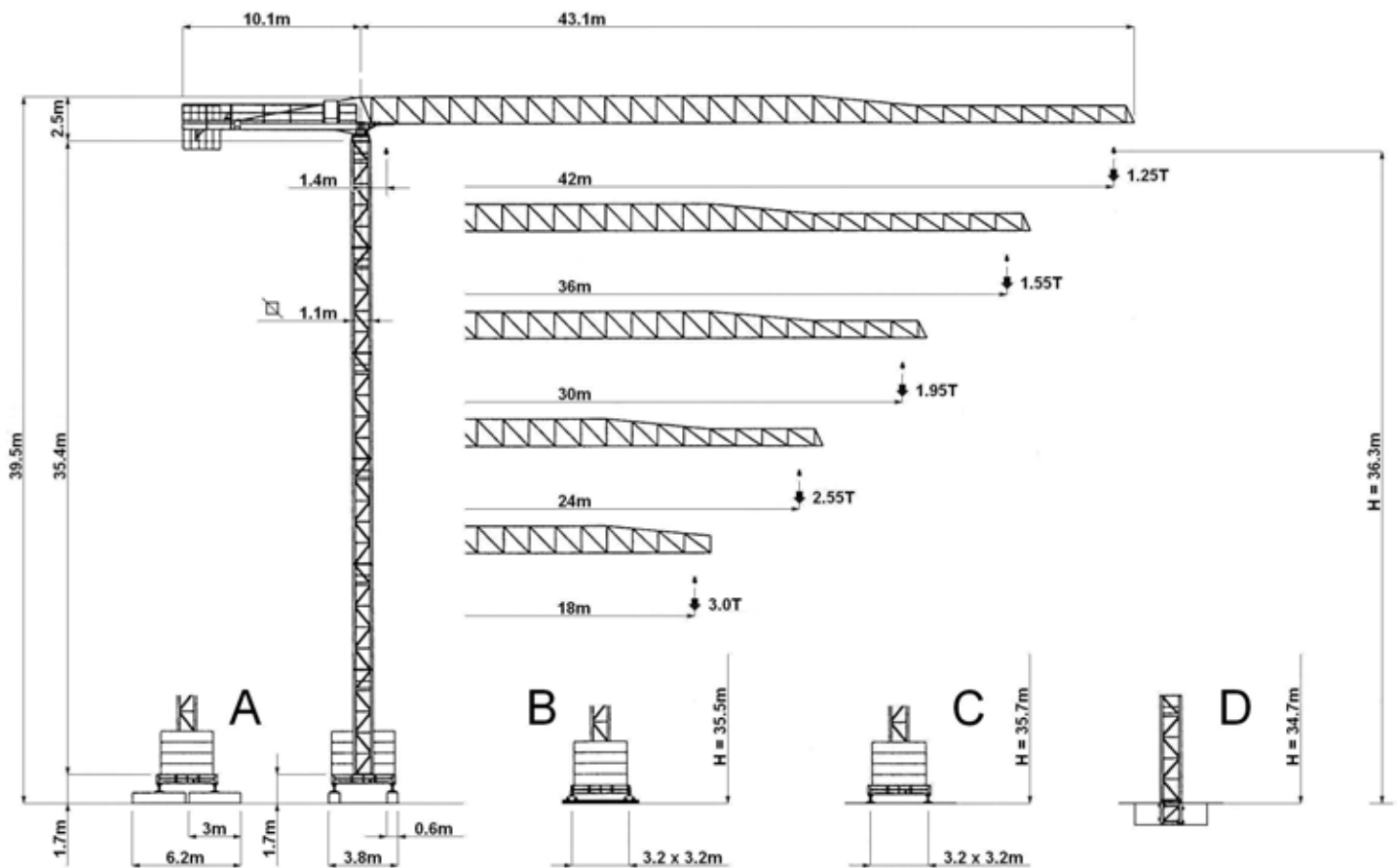
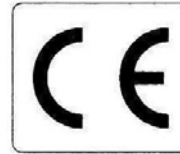


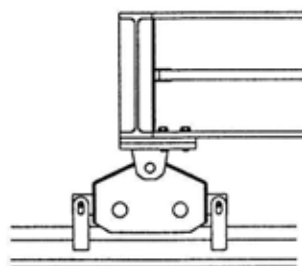
RAIVAN

MR45+3

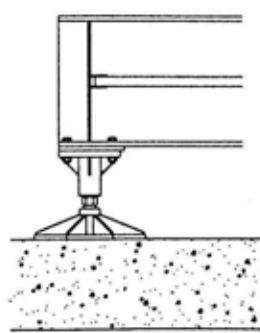
FLAT TOP CITY TOWER CRANE



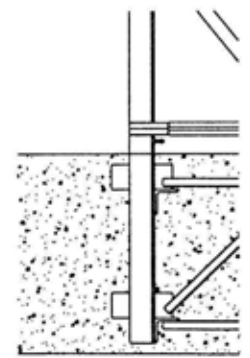
A



B






C



D

RADIUS AND S.W.L.

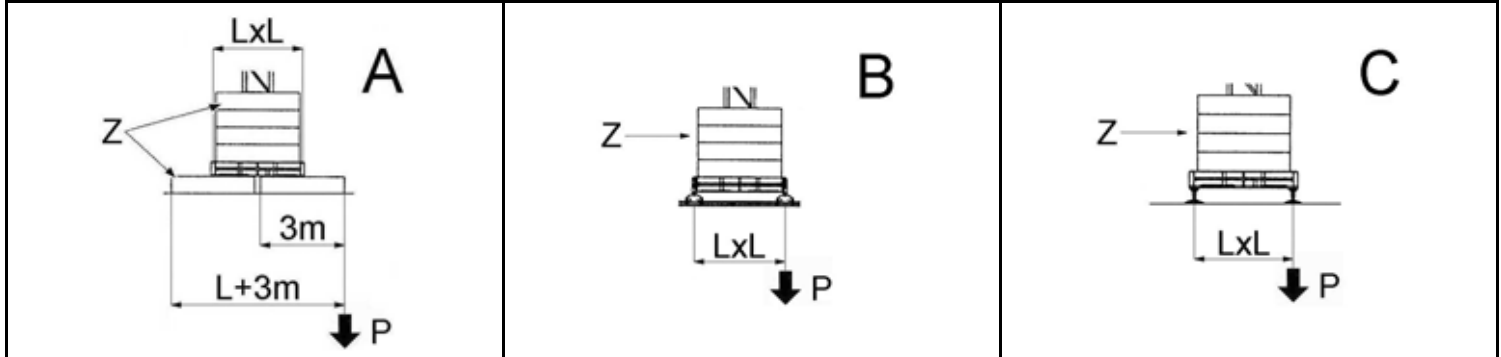
Max s.w.l.		2500kg 					3000kg 					4000kg 				
Jib	m	18	24	30	36	42	18	24	30	36	42	18	24	30	36	42
Max s.w.l. from 1.4m	to	18.0	24.0	23.9	19.2	19.2	18.0	20.7	20.5	19.7	18.9	15.9	15.8	15.4	15.0	14.4
Radius (m)	12	2500	2500	2500	2500	2500	3000	3000	3000	3000	3000	4000	4000	4000	4000	4000
	14	2500	2500	2500	2500	2500	3000	3000	3000	3000	3000	4000	4000	4000	4000	4000
	16	2500	2500	2500	2500	2500	3000	3000	3000	3000	3000	3971	3941	3839	3729	3576
	18	2500	2500	2500	2500	2500	3000	3000	3000	3000	3000	3500	3473	3383	3285	3150
	20		2500	2500	2500	2500		3000	3000	2934	2812		3102	3021	2934	2812
	22		2500	2500	2500	2500		2800	2727	2647	2537		2800	2727	2647	2537
	24		2500	2483	2410	2310		2550	2483	2410	2310		2550	2483	2410	2310
	26			2277	2210	2118			2277	2210	2118			2277	2210	2118
	28			2102	2040	1954			2102	2040	1954			2102	2040	1954
	30			1950	1892	1812			1950	1892	1812			1950	1892	1812
	32				1764	1689				1764	1689				1764	1689
	34				1650	1580				1650	1580				1650	1580
	36				1550	1483				1550	1483				1550	1483
	38					1397					1397					1397
40					1320					1320					1320	
42					1250					1250					1250	

JIB AND COUNTERWEIGHT

Jib	(m)	18	24	30	36	42
Counterweight	(t)	3.020	4.530	6.205	7.880	7.880
Composition	Type	Quantity				
	A99+3	-	-	1	2	2
	B99+3	2	3	3	3	3

VANSON

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






ON CROSSBASE




L = 3.2m

H (m)	max. Z (t)	P (t)	H (m)	max. Z (t)	P (t)	H (m)	max. Z (t)	P (t)
36.3	60.4	57.3	35.5	60.6	54.9	35.7	60.6	55.7
30.4	45.2	38.8	29.6	45.5	36.9	29.8	45.5	37.5
24.5	40.2	32.5	23.7	40.4	32.0	23.9	40.4	32.2
18.6	40.2	29.1	17.8	35.4	28.4	18.0	35.4	28.6
12.7	40.2	27.4	11.9	30.3	25.7	12.1	30.4	25.8

STATIONARY

	H (m)	11.1	17.0	22.9	28.8	34.7
	T (t)	41.7	46.2	52.2	60.3	86.1
	P (t)	50.3	55.4	62.1	70.7	97.9

		Speed	Power
Slewing		0.37 / 0.7 / 1.0 m/min	4.0 Kw
Trolley		20 / 41.3 m/min	1.1 / 2.2 Kw
Rail		13 m/min	2 x 2.9 Kw

Winch		Step	Load / speed	
				
Type	15HP 11Kw - 4 / 4 VF	1	2000 kg - 7 m/min	4000 kg - 3.5 m/min
		2	2000 kg - 28 m/min	4000 kg - 14 m/min
		3	1000 kg - 56 m/min	2000 kg - 28 m/min
	15HP 11Kw - 2.5 / 2.5 VF	1	2500 kg - 5.2 m/min	-
		2	2500 kg - 21 m/min	-
		3	1250 kg - 42 m/min	-
	15 HP 18.4 Kw - 3	1	3000 kg - 7.5 m/min	-
		2	3000 kg - 30 m/min	-
		3	1500 kg - 60 m/min	-
	25 HP 18.4 Kw - 3 VF	1	3000 kg - 7.5 m/min	-
		2	3000 kg - 30 m/min	-
		3	1500 kg - 60 m/min	-
		4	1000 kg - 72 m/min	-

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

Total Installed Power	11 Kw (15 HP)	18.4 Kw (25 HP)
	23 Kw	31 Kw

ASSEMBLING SEQUENCE

