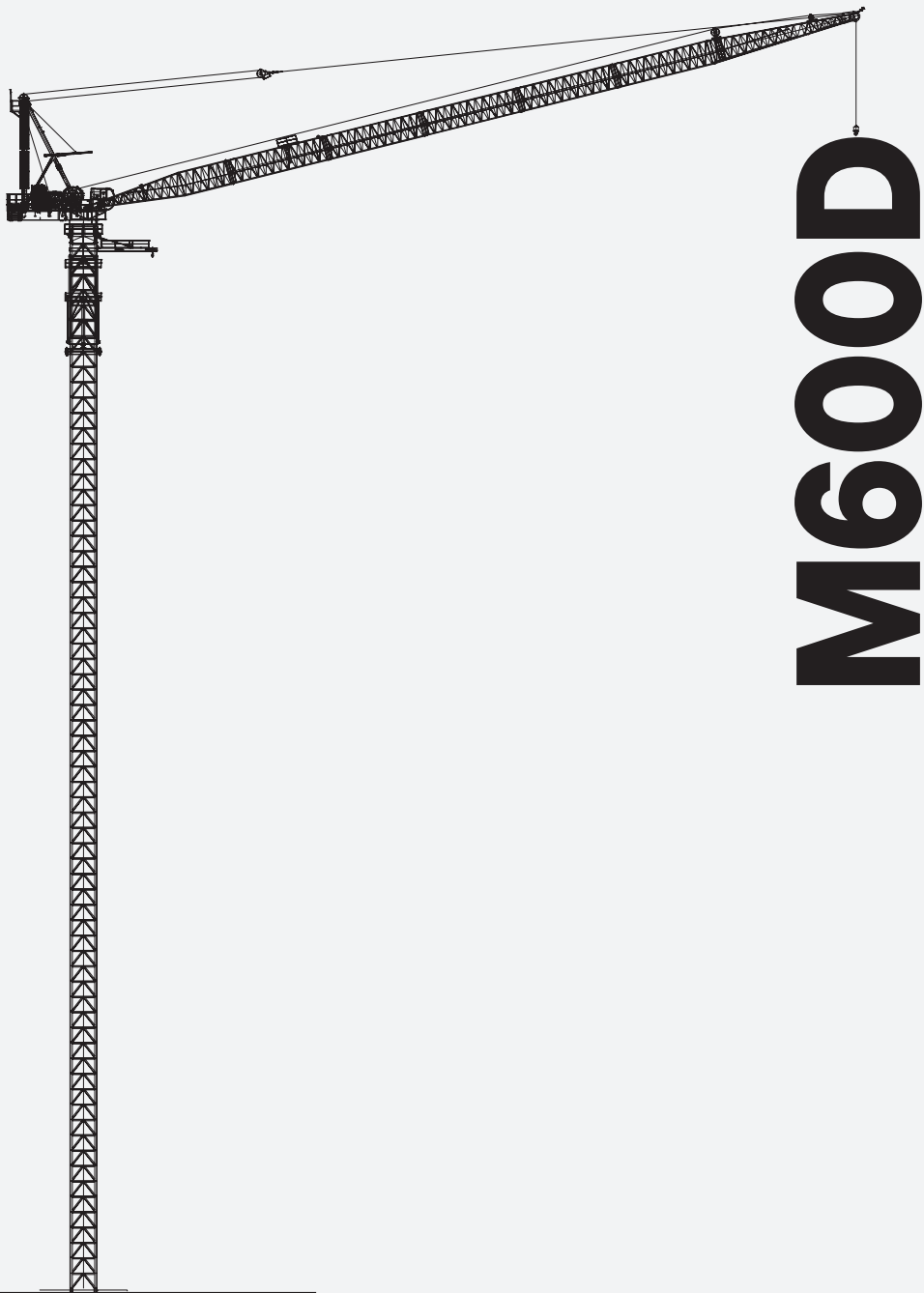




M600D

TECHNICAL DATA SHEET

M600D
TOWER CRANE

TYPICAL LOADS	
LOAD	RADIUS
2.7T	71.6m
8.8T	55.0m
25.0T	27.5m
50.0T	15.0m
MAXIMUM ALLOWABLE SERVICE WIND SPEED OF 20 m/s	



COMPATIBLE WITH
100% RENEWABLE
DIESEL (HVO100)



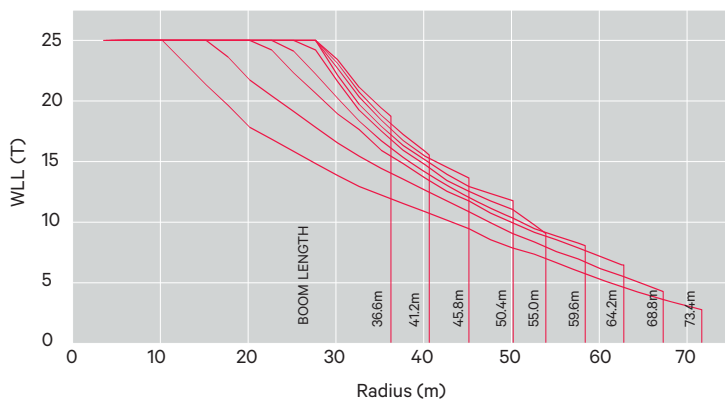
M600D RADIUS & CAPACITY (METRIC UNITS)

Boom Length	Max Rad. for Max WLL	Min Rad.	WLL at Min Rad.	1 FALL																				Max Rad.	WLL at Max Rad.
				Radius (metres) & Capacity (tonnes)																					
				(m)	(m)	(m)	(T)	10.0	15.0	20.0	25.0	30.0	35.0	37.5	40.0	42.5	45.0	47.5	50.0	52.5	55.0	57.5	60.0		
73.4	10.0	5.8	25.0	25.0	21.3	17.8	15.8	13.8	12.2	11.5	10.8	10.1	9.4	8.5	7.8	7.3	6.6	5.9	5.2	4.6	4.0	3.0	71.6	2.7	
68.8	15.0	5.5	25.0	25.0	25.0	21.7	19.1	16.5	14.4	13.5	12.6	11.7	10.8	9.9	9.0	8.3	7.5	6.9	6.1	5.5	4.8	-	67.2	4.2	
64.2	20.0	5.2	25.0	25.0	25.0	25.0	22.3	18.9	15.9	14.8	13.6	12.5	11.7	10.7	9.9	9.1	8.5	7.8	7.1	6.4	-	-	62.7	6.4	
59.6	22.5	4.9	25.0	25.0	25.0	25.0	24.1	20.2	16.7	15.3	14.1	13.0	12.0	11.1	10.3	9.4	8.8	8.2	-	-	-	-	58.3	8.0	
55.0	25.0	4.6	25.0	25.0	25.0	25.0	25.0	21.6	17.5	15.9	14.7	13.4	12.5	11.7	11.0	9.7	-	-	-	-	-	-	53.8	9.0	
50.4	27.5	4.2	25.0	25.0	25.0	25.0	25.0	22.1	17.9	16.3	15.1	13.9	12.9	12.3	-	-	-	-	-	-	-	-	49.4	11.9	
45.8	27.5	4.0	25.0	25.0	25.0	25.0	25.0	22.7	18.4	16.7	15.4	14.5	13.6	-	-	-	-	-	-	-	-	-	45.0	13.6	
41.2	27.5	3.6	25.0	25.0	25.0	25.0	25.0	23.1	18.8	17.2	15.8	-	-	-	-	-	-	-	-	-	-	-	40.5	15.5	
36.6	27.5	3.3	25.0	25.0	25.0	25.0	25.0	23.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	36.1	18.7	

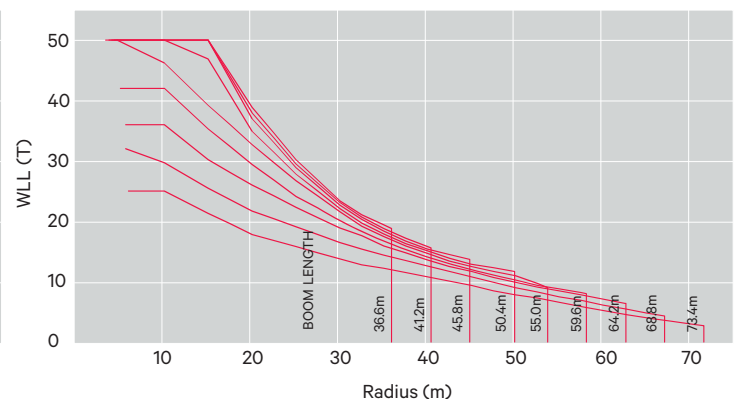
Boom Length	Max Rad. for Max WLL	Min Rad.	WLL at Min Rad.	2 FALL																				Max Rad.	WLL at Max Rad.
				Radius (metres) & Capacity (tonnes)																					
				(m)	(m)	(m)	(T)	10.0	15.0	20.0	25.0	30.0	35.0	37.5	40.0	42.5	45.0	47.5	50.0	52.5	55.0	57.5	60.0		
73.4	-	5.9	25.0	25.0	21.3	17.8	15.8	13.8	12.2	11.5	10.8	10.1	9.4	8.5	7.8	7.3	6.6	5.9	5.2	4.6	4.0	3.0	71.5	2.7	
68.8	-	5.6	32.0	29.7	25.5	21.7	19.1	16.5	14.4	13.5	12.6	11.7	10.8	9.9	9.0	8.3	7.5	6.9	6.1	5.5	4.8	-	67.0	4.3	
64.2	-	5.6	36.0	36.0	30.2	26.0	22.3	18.9	15.9	14.8	13.6	12.5	11.7	10.7	9.9	9.1	8.5	7.8	7.1	6.4	-	-	62.6	6.4	
59.6	-	5.0	42.0	42.0	35.3	29.4	24.1	20.2	16.7	15.3	14.1	13.0	12.0	11.1	10.3	9.4	8.8	8.2	-	-	-	-	58.1	8.0	
55.0	4.6	4.6	50.0	46.2	39.2	32.7	26.7	21.6	17.5	15.9	14.7	13.4	12.5	11.7	11.0	9.7	-	-	-	-	-	-	53.7	9.0	
50.4	13.8	4.3	50.0	50.0	46.9	34.9	27.8	22.1	17.9	16.3	15.1	13.9	12.9	12.3	-	-	-	-	-	-	-	-	49.2	11.9	
45.8	15.0	4.0	50.0	50.0	50.0	37.0	28.9	22.7	18.4	16.7	15.4	14.5	-	-	-	-	-	-	-	-	-	-	44.8	13.7	
41.2	15.5	3.7	50.0	50.0	50.0	38.0	29.5	23.1	18.8	17.2	15.8	-	-	-	-	-	-	-	-	-	-	-	40.4	15.6	
36.6	16.0	3.3	50.0	50.0	50.0	38.9	30.2	23.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	35.9	18.8	

LOAD CHARTS

1 FALL

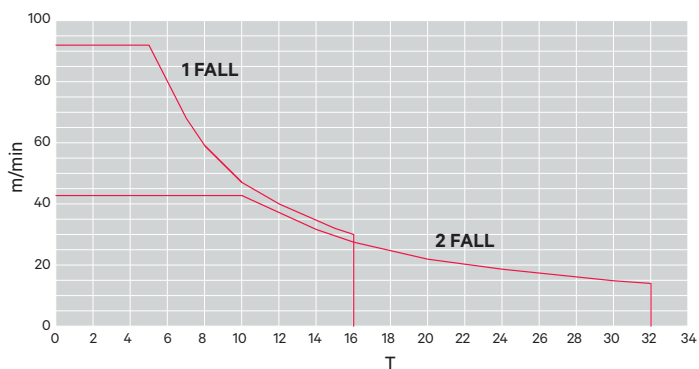


2 FALL



M600D HOIST SPEEDS (METRIC UNITS)

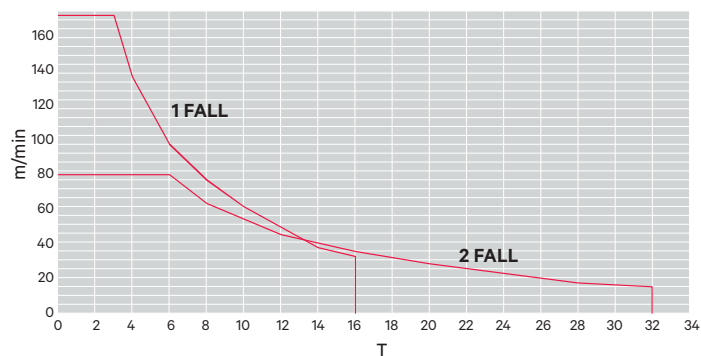
200kW 16T WINCH



1 FALL	
LOAD (T)	SPEED (m/s)
5	92
7	68
8	59
10	47
12	40
15	32
16	30

2 FALLS	
LOAD (T)	SPEED (m/s)
10	43
14	32
16	27
20	22
24	19
30	15
32	14

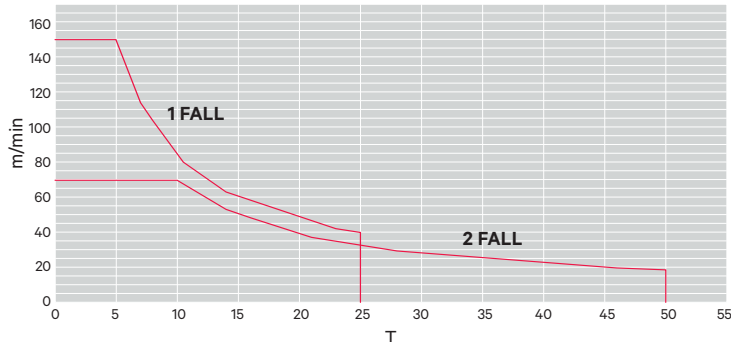
220kW 16T WINCH



1 FALL	
LOAD (T)	SPEED (m/s)
3	167.4
4	133
6	95
8	75
10	60
14	37
16	32

2 FALLS	
LOAD (T)	SPEED (m/s)
6	78
8	62
12	44
16	35
20	28
28	17
32	15

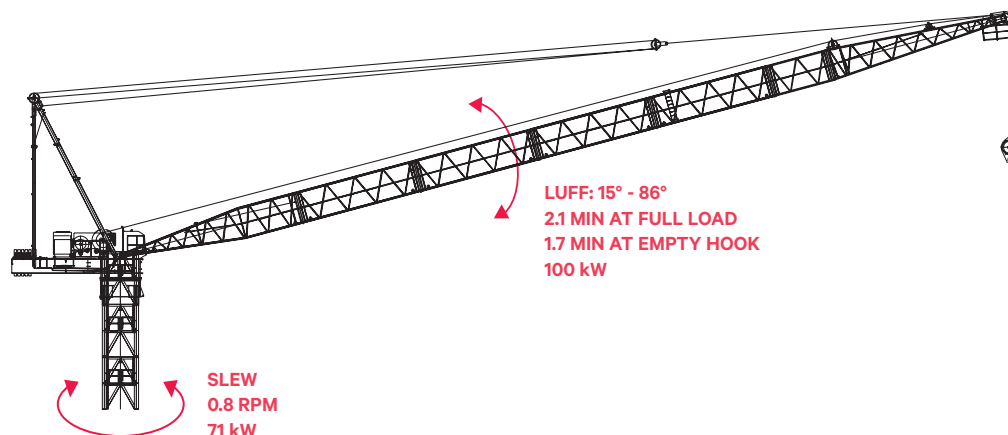
295kW 25T WINCH



1 FALL	
LOAD (T)	SPEED (m/s)
5	150
7	114
8	104
11	80
14	63
23	42
25	40

2 FALLS	
LOAD (T)	SPEED (m/s)
10	70
14	53
16	48
21	37
28	29
46	20
50	19

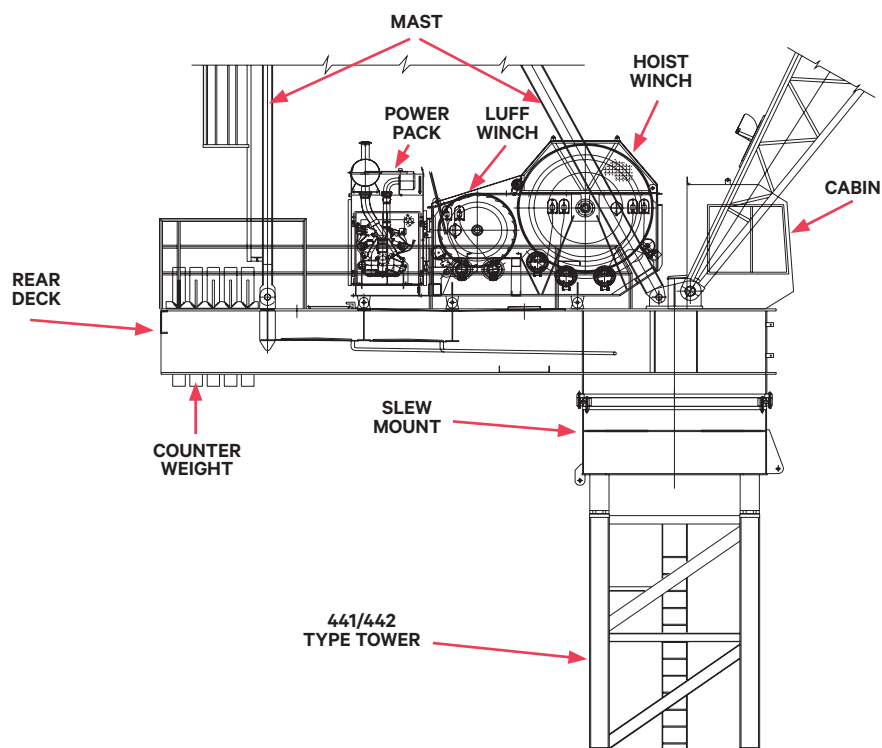
LUFF & SLEW SPEEDS



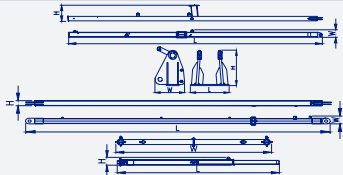
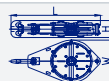
M600D GENERAL DIMENSIONS

MACHINERY DECK ASSEMBLY

M600D



M600D TRANSPORTATION & ERECTION (Indicative for information only*)

ITEM	QTY	DESCRIPTION		LENGTH L (mm)	HEIGHT H (mm)	WIDTH W (mm)	WEIGHT PER ITEM (kg)
1	1	SPLIT DECK-FRONT (INCL. SLEW DRIVE, PINS & HANDRAILS)		3615	1819	3340	7767
2	1	SPLIT DECK-REAR (INCL. PLATFORMS & HANDRAILS)		6525	1430	3340	8155
3	2	MAST FRONT LEG		12685	490	307	1527EA
	1	MAST HEAD		1118	1170	910	865
	2	MAST BACK LEG		11520	377	200	402EA
	1	BUFFER		3596	203	2835	388
	MAST ASSEMBLY (INC. SHEAVES, HEAD PIN, LADDERS,BUFFER AND PLATFORMS)						7724
4	1	CABIN & PLATFORM ASSEMBLY		4639	2278	2780	1610
5	1	25T POWER PACK HOIST AND LUFF ASSY (NO ROPE) (INCL 1125L OF OIL)		5709	3851	3130	15334 (16270)
6	1	25T DRUM (NO ROPE)		1560	2170		4937
7		16T POWER PACK HOIST AND LUFF ASSY (NO ROPE) (INCL 1125L OF OIL)		5085	2704	2753	12920 (13544)
8		16T DRUM (NO ROPE)		1468	1710		3522
9	1	BOOM BOTTOM 13.7m (INC. WALKWAY & PINS)		13913	2414	3052	2493
10	1	BOOM TOP 9.1m (Without Fly) (INC. DEFLECTOR, SHEAVES & PINS) (PENDANT & PLATFORM)		14455	3805	2416	2949
11	5	BOOM EXTENSION 9.2m (BRIDLE PLATFORM 203 kg)		9316	2590	2406	1508 (1719)
12	1	BRIDLE		1750	1095	1160	660
13	1	SLEW MOUNT (INCL. PLATFORMS 556Kg)		3502	1817	3309	6628
	1	SLEW RING (INCL. BOLTS)		3120 DIA	230		2348
	Total						8976
14	1	EXTERNAL CLIMBER		14343	4435	4435	17680
15	1	MONORAIL		7430	1271	600	1839
16	7	COUNTERWEIGHT		3100	2466	200	7730
17	1	HOOK - 2/1 FALL (50/25T)		2505	505	1242	1102
18	1	TOWER SECTION 392 (INC.LADDER,HAND RAIL,PLATFORM)		2400	4000	2411	5136
18	1	TOWER SECTION 393 (INC.LADDER,HAND RAIL,PLATFORM)		2401	4000	2417	5089
19	1	TOWER SECTION 441 (INC.LADDER,HAND RAIL,PLATFORM)		2707	4000	2714	4680
20	1	TOWER SECTION 442 (INC.LADDER,HAND RAIL,PLATFORM)		2709	4000	2721	5152
21	1	HOIST ROPE 25T (36mm) @ 6.5kg/m		400m			2704
22	1	HOIST ROPE 16T (32mm) @ 5.01kg/m		400m			2084
23	1	LUFF ROPE (32mm) @ 4.9kg/m		150m			764
24	1	PENDANT ROPE (44mm) @ 9.4kg/m		108m			1056

*WEIGHTS CAN VARY BY INDIVIDUAL CRANE. PLEASE CONTACT US FOR FURTHER INFORMATION.

Due to continuing product development Favelle Favco reserves the right to alter specifications of its products as appropriate.