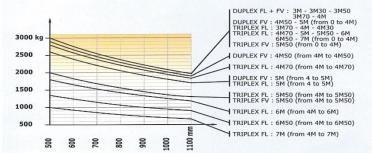
## MARSH PLANT HIRE LTD

## MANITOU M30-4

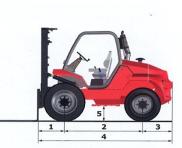


## Without sideshift attachment



## With sideshift attachment





							DUPLEX FL + FV : 3M - 3M30 - 3M50 3M70 - 4M DUPLEX FV : 4M50 - 5M (from 0 to 4M) TRIPLEX FL : 3M70 - 4M
3000 kg							TRIPLEX FL : 4M30 - 4M70 - 5M - 5M50 - 6M 6M50 - 7M (from 0 to 4M) TRIPLEX FV : 5M50 (from 0 to 4M)
3000 kg						/	TRIPLEX FL: 4M30 (from 4M to 4M30)
2500	-					- /	DUPLEX FV: 4M50 (from 4M to 4M50)
2000						1//	TRIPLEX FL: 4M70 (from 4M to 4M70)
2000							DUPLEX FV : 5M (from 4 to 5M) TRIPLEX FL : 5M (from 4M to 5M)
1500	-					_	
			_				TRIPLEX FL: 5M50 (from 4M to 5M50) TRIPLEX FV: 5M50 (from 4M to 5M50)
1000	-						TRIPLEX FL : 6M (from 4M to 6M)
500							TRIPLEX FL : 6M50 (from 4M to 6M50)
	009	00/	800	006	1000	1100 mm	TRIPLEX FL: 7M (from 4M to 7M)

	M30-2	M30-4	M50-2	M50-4				
Lifting								
Max. capacity	3000 kg at	500 mm CDG	5000 kg at 600 mm CDG					
Lifting height (standard mast)		3.7	0 m					
Max. lifting height	7.0	00 m	6.00 m					
Unladen time								
Lifting	0.5	m/s	0.5 m/s	0.4 m/s				
Lowering	0.5	i m/s	0.4 m/s	0.3 m/s				
Tyres								
Forward	14.5 R20 18PR MPT80 TL	400/70-20 150B T37 STAB TL	18-19.5 18PR 166A6 TL	18-22.5 163A8 MPT-06 T				
Backward	10R 17.5 134/132 M G291	10.5/80-18 10PR TG42 TL	10 R 17.5 134/132M G291	340/80 R18 XMCL 143A8				
Braking								
Service brake		oil immersed multi-disc b	raking on front/rear axles					
Parking brake	oil immersed multi-disc mechanics on the front axle							
Engine	PERKINS - STAGE 3B							
Туре	PERKINS 854F-E34T							
Cubic capacity	3400 cm <sup>3</sup>							
Power	75 HP / 55.5 kW							
Max. torque	318 Nm at 1400 rpm							
Injection	direct							
Cooling	water							
Laden drawbar pull	4670 daN	6290 daN	6090 daN	10220 daN				
Transmission	12.2 22.1	torque c		10220 0011				
Gearbox	mechanical							
Reversing shift	electro-hydraulic							
Number of gears (forward/reverse)	4/4							
Max, travel speed		The state of the s						
(may vary according to applicable regulations)	22	km/h	24 km/h					
Front axle differential lock	yes	no	yes	no				
Control for 2/4 wheel drive	no	yes	no	yes				
Controls		hydro-proportional lev	ers for all movements					
Hydraulics								
	gear	pump	gear pump					
Pump	97 I/min	- 245 bar	97 I/min - 230 bar					
Capacities								
Hydraulic oil		80	1					
Fuel		85						
Unladen weight (with standard mast forks)	5290 kg	5485 kg	7920 kg	8190 kg				
Dimensions								
1. Front wheel centre to carriage	0.7	70 m	0.77 m	0.76 m				
2. Wheelbase	1.9	99 m	2.06 m	2.12 m				
3. Rear wheel centre to rear face	0.7	76 m	0.92 m	0.86 m				
4. Overall length to carriage	3.4	14 m	3.75 m	3.74 m				
5. Ground clearance	0.37 m	0.38 m	0.36 m	0.43 m				
6. Inside tyre width	1.55 m	1. 52	1.60 m	1.62 m				
7. Overall width	1.90 m	1.92 m	2.05 m	2.08 m				
B. Overall height		15 m	2.42 m	2.43 m				
Standard forks (length x width x thickness)		25 x 40 mm		0 x 60 mm				
Turning radius	3.10 m	4.27 m	3.40 m	4.57 m				
Filt standard mast (forward/backward)		/ 12°	15° /					
Noise and vibration			,					
Noise at driving position (LpA)	T	76	dB					
Environmental noise (LwA)		104						
Vibration to whole hand/arm	<2.5 m/s²							
Vibration on driver's body		2 m/s²						
ibidion on arrici 5 body		2 111	10					