

M-X30 / M-X50 / M-X70

MASTED FORKLIFT TRUCKS



 **MANITOU**

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M-X30 M-X50 M-X70

	M-X 30-2	M-X 30-4	M-X 50-2	M-X 50-4	M-X 70-2
Lifting					
Max. capacity	3000 kg at 500 mm CDG		5000 kg at 600 mm CDG		7000 kg at 600 mm CDG
Lifting height (standard mast)	3.70 m		3.70 m		4.00 m
Max. lifting height	6.00 m		6.00 m		4.50 m
Unladen time (standard mast)					
Lifting	0.6 m/s		0.4 m/s		0.4 m/s
Lowering	0.5 m/s		0.4 m/s		0.4 m/s
Tyres					
Forward	14.5 R 20 - MPT80 TL 18 PR 143 G/J	16.5 / 85 - 24 SGI 14PR	18-19.5 A224 18 PR TL	18 - 22.5 MPT 06 16PR TL (445 / 65 R22.5)	18 R 19.5 XF TL (445 / 65 R19.5)
Backward	10R17.5 G291 134M	10.5 / 80 - 18 TG42 TL 10PR	10R17.5 G291 134M	340 / 80 - R18 XMCL TL 143A8	265 / 70 R19.5 HTR1
Braking					
Service brake	oil immersed multi-disc braking on the front axle				
Parking brake	oil immersed multi-disc mechanics on the front axle				
Engine					
Type	PERKINS 1104 D - 44 T - STAGE 3A				
Cubic capacity	4 cyl. - 4400 cm ³				
Power	95 HP / 70 kW				
Max. torque	392 Nm at 1400 rpm				
Injection	direct				
Cooling	water				
Laden drawbar pull	4250 daN	5870 daN	6230 daN	10360 daN	7960 daN
Transmission					
Gearbox	mechanical				Powershift
Reversing shift	electro-hydraulic				
Number of gears (forward/reverse)	4/4				4/3
Max. travel speed (may vary according to applicable regulations)	24 km/h	27 km/h	22 km/h	24 km/h	
Front axle differential lock	yes	no	yes	no	yes
Control for 2/4 wheel drive	no	yes	no	yes	no
Controls					
	hydro-proportional levers for all movements				
Hydraulics					
	85 l/min - 185 bar		85 l/min - 210 bar		85 l/min - 230 bar
Capacities					
Hydraulic oil	64 l				108 l
Fuel	85 l				115 l
Unladen weight (with standard mast and forks)					
	5430 kg	5620 kg	7470 kg	7660 kg	9810 kg
Dimensions					
1. Front wheel centre to carriage	0.81 m	0.81 m	0.76 m	0.76 m	0.80 m
2. Wheelbase	2.10 m	2.10 m	2.12 m	2.12 m	2.49 m
3. Rear wheel centre to rear face	0.74 m	0.74 m	0.86 m	0.86 m	0.86 m
4. Overall length to carriage	3.63 m	3.63 m	3.75 m	3.75 m	4.16 m
5. Ground clearance	0,38 m	0.40 m	0,36 m	0.38 m	0.39 m
6. Inside tyre width	1.67 m	1.67 m	1.62 m	1.62 m	1.70 m
7. Overall width	2.10 m	2.10 m	2.10 m	2.10 m	2.15 m
8. Overall height	2,46 m	2,54 m	2,42 m	2,50 m	2,44 m
Standard forks (length x width x thickness)	1200 x 125 x 40 mm	1200 x 125 x 40 mm	1200 x 150 x 60 mm	1200 x 150 x 60 mm	1200 x 150 x 70 mm
Turning radius	4.10 m	4.10 m	4.16 m	4.16 m	4.21 m
Tilt standard mast (forward/backward)	6° / 12°		6° / 12°		15° / 15°
Noise and vibration					
Noise at driving position (LpA)	72 dB		76 dB		
Environmental noise (LwA)	104 dB		103 dB		
Vibration to whole hand/arm	<2.5 m/s ²				

