

M30 / M50

MASTED FORKLIFT TRUCKS



 **MANITOU**

www.manitou.com

M 30 / M 50

2 models, 4 versions to choose from



M 30

2-wheel or
4-wheel
drive



M 50

2-wheel or
4-wheel
drive





MANITOU: AT YOUR SIDE ON ANY CONSTRUCTION SITE

The M range is Manitou's most established range. Unparalleled in the market, this range was developed with more than **50 years of working experience, innovations, and listening to our users.**

Renowned for their **sturdiness** and **performance** even in very extreme conditions, the all-terrain Manitou forklift trucks go where others do not!

In combining **simplicity** and **productivity**, the new M30 and M50 fork-lift trucks are essential allies for your construction sites.

The **power** and the **manageability** of the M30 and M50 allow you to carry out your **handling duties in complete safety.**



SIMPLICITY

■ ■ Simplified **USAGE** and **MAINTENANCE**

COMMONALITY across all models

Spacious cab with a panoramic view



- Full glass cabin, with automatic door locking in the open position.
- Suspended cabin reducing vibrations for the operator.
- Efficient heating and ventilation as standard, air conditioning (optional).

Ergonomic levers



The user benefits from being ideally positioned to use the controls which are naturally located within easy reach.



CURVED COUNTERWEIGHT : IMPROVED REAR VISIBILITY



**Very tight turning
radius**

3.10 m



EASE OF MAINTENANCE

whatever the model
When the bonnet is **fully open** complete access **can be gained** to the engine, gauges, filters and lubricators, to reduce the maintenance time and to help prevent downtime.

PANORAMIC CABIN : 360° VIEW



Shock Absorber

As standard, Shock Absorber technology keeps the load stable no matter the state of the ground on which you are manoeuvring.



QUICK AND SAFE ACCESS

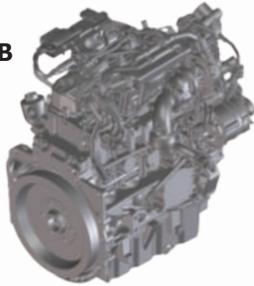
via a large door and a non-slip step

PRODUCTIVITY

PERFORMANCE and STURDINESS

Power: 75 HP

New generation **STAGE 3B** engine with particle filter.



Flexible transmission

Torque convertor gives the operator a selection of gears suitable for high performance on all ground conditions.

Energy saving

Fuel consumption reduced by up to 13%.

Exceptional all terrain capability

Large diameter front wheels with good load distribution on both axles with central differential locking system. Available in 2 wheel drive and 4 wheel drive.

Lifting height up to

7 m



43 cm

Good ground clearance

Rear axle can move through a wide angle





Its **width** ensures the fork-lift truck has better stability for extra safety for lateral loading.

Mast reclines
up to

15%



MANITOU masts,
recognised quality
for over 50 years!



MASTS

M 30 / M 50

	Forklift type	Mast (m)	Free lift (mm)	Height of mast fully retracted (mm)	Height of mast extended (mm)	Height with Max Capacity. (m)		Capacity at Max. Height (kg)	
						Including sideshift	Not including sideshift	Including sideshift	Not including sideshift
Full visibility duplex	M 30	3.00	130	2305	4045	3.00	3.00	3000	3000
	M 50		-	2560	4115			4700	5000
	M 30	3.30	130	2455	4345	3.30	3.30	3000	3000
	M 50		-	2710	4415			4700	5000
	M 30	3.50	130	2555	4545	3.50	3.50	3000	3000
	M 50		-	2810	4615			4700	5000
	M 30	3.70	130	2715	4745	3.70	3.70	3000	3000
	M 50		-	2910	4815			4700	5000
	M 30	4.00	130	2905	5045	4.00	4.00	3000	3000
	M 50		-	3060	5115			4700	5000
	M 30	4.50	130	3155	5545	4.00	4.00	2800	2900
	M 50		-	3305	5615			4050	4500
	M 30	5.00	130	3405	6045	4.00	4.00	2400	2600
	M 50		-	3560	6115			3600	4000
Free lift duplex	M 30	3.00	1383	2305	3962	3.00	3.00	3000	3000
	M 50		1528	2585	4117			4700	5000
	M 30	3.30	1533	2455	4262	3.30	3.30	3000	3000
	M 50		1678	2735	4417			4700	5000
	M 30	3.50	1633	2555	4462	3.50	3.50	3000	3000
	M 50		1778	2835	4617			4700	5000
	M 30	3.70	1793	2715	4662	3.70	3.70	3000	3000
	M 50		1878	2935	4817			4700	5000
	M 30	4.00	1983	2905	4962	4.00	4.00	3000	3000
	M 50		1978	3085	5517			4700	5000
Full visibility triplex	M 30	5.50	-	3055	6725	4.00	4.00	1500	2000
Free lift triplex	M 30	3.70	1283	2205	4662	3.70	3.70	3000	3000
	M 50		1265	2310	4805			4700	5000
	M 30	4.00	1383	2305	4962	4.00	4.00	3000	3000
	M 50		1365	2410	5105			4700	4700
	M 30	4.30	1533	2455	5262	4.00	4.30	2900	3000
	M 50		1465	2510	5404		4.00	4.00	4050
	M 50	4.50	1540	2585	5605	4.00	4.00	3600	4000
	M 30	4.70	1633	2555	5662	4.00	4.00	2600	2700
	M 50		1600	2645	5805			3350	3700
	M 30	5.00	1793	2715	5962	4.00	4.00	2400	2600
	M 50		1715	2760	6105			3000	3300
	M 30	5.50	1983	2905	6462	4.00	4.00	1500	2000
	M 50		1865	2910	6601			2150	2400
	M 30	6.00	2233	3155	6962	4.00	4.00	1600	1800
	M 50		2040	3085	7105			1800	2000
	M 30	6.50	2483	3405	7462	4.00	4.00	1200	1350
M 30	7.00	2733	3655	7962	4.00	4.00	900	1000	





Tailor-made finance to make the best use of your funds

You can plan the purchase of your forklift with peace of mind by using MANITOU* financing opportunities.

You will have simple solutions adapted to your needs and seasonal requirements. If you want to make a rapid investment, consider asking us for a personalised proposal to take your situation into account.

* MANITOU Finance solutions are available in certain countries.

MANITOU maintenance contract

2 levels of maintenance adapted to your needs. You are sure of:

- equipment always in good working condition
- a reduction of repair costs as a result of regular servicing
- authentic standardised services

- Labour
- Attendance costs



- Labour
- Attendance costs
- Parts and lubricants



MANIPLUS extension of guarantee

With MANIPLUS you can take out an extension of guarantee of 12 or 24 months.

EASY MANAGER

A simple and flexible system for fleet management (with or without geolocation) to provide optimum service from your machines. EASY MANAGER gives you:

- real-time materials management
- simple and easy way of managing your machinery activity and maintenance
- maximise your asset and safeguard your equipment



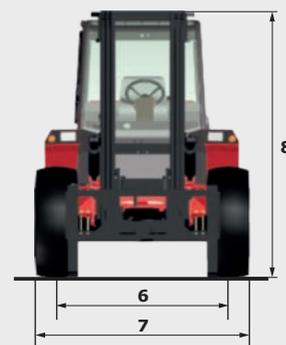
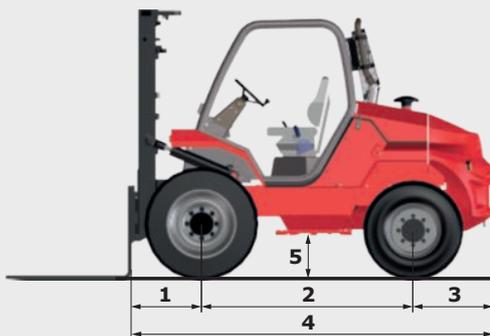
MANITOU spare parts

Utilising genuine MANITOU spare parts is sure to prolong the best performance capability of your machine. Your MANITOU dealer has access to a stock of 70,000 part numbers, available in 24 hours in Europe (48 hours outside Europe).



M30-2 M30-4 M50-2 M50-4

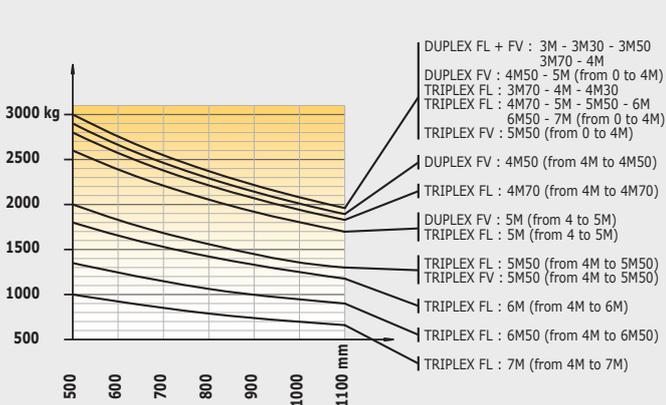
	M30-2	M30-4	M50-2	M50-4
Lifting				
Max. capacity	3000 kg at 500 mm CDG		5000 kg at 600 mm CDG	
Lifting height (standard mast)			3.70 m	
Max. lifting height	7.00 m		6.00 m	
Unladen time				
Lifting	0.5 m/s		0.5 m/s	0.4 m/s
Lowering	0.5 m/s		0.4 m/s	0.3 m/s
Tyres				
Forward	14.5 R20 18PR MPT80 TL	400/70-20 150B T37 STAB TL	18-19.5 18PR 166A6 TL	18-22.5 163A8 MPT-06 TL
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 braking on front/rear axles			
Parking brake	oil immersed multi-disc mechanics on the front axle			
Engine				
Type	PERKINS - STAGE 3B			
Cubic capacity	PERKINS 854F-E34T			
Power	3400 cm ³			
Max. torque	75 HP / 55.5 kW			
Injection	318 Nm at 1400 rpm			
Cooling	direct			
Laden drawbar pull	4670 daN		6290 daN	6090 daN
Transmission				
Gearbox	torque converter			
Reversing shift	mechanical			
Number of gears (forward/reverse)	electro-hydraulic			
Max. travel speed	22 km/h		24 km/h	
(may vary according to applicable regulations)				
Front axle differential lock	yes	no	yes	no
Control for 2/4 wheel drive	no	yes	no	yes
Controls				
hydro-proportional levers for all movements				
Hydraulics				
Pump	gear pump 97 l/min - 245 bar		gear pump 97 l/min - 230 bar	
Capacities				
Hydraulic oil			80 l	
Fuel			85 l	
Unladen weight (with standard mast forks)	5290 kg	5485 kg	7920 kg	8190 kg
Dimensions				
1. Front wheel centre to carriage	0.70 m		0.77 m	0.76 m
2. Wheelbase	1.99 m		2.06 m	2.12 m
3. Rear wheel centre to rear face	0.76 m		0.92 m	0.86 m
4. Overall length to carriage	3.44 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 m	1.60 m	1.62 m
7. Overall width	1.90 m	1.92 m	2.05 m	2.08 m
8. Overall height	2.45 m		2.42 m	2.43 m
Standard forks (length x width x thickness)	1200 x 125 x 40 mm		1200 x 150 x 60 mm	
Turning radius	3.10 m	4.27 m	3.40 m	4.57 m
Tilt standard mast (forward/backward)	6° / 12°		15° / 15°	
Noise and vibration				
Noise at driving position (LpA)			76 dB	
Environmental noise (LwA)			104 dB	
Vibration to whole hand/arm			<2.5 m/s ²	
Vibration on driver's body			2 m/s ²	



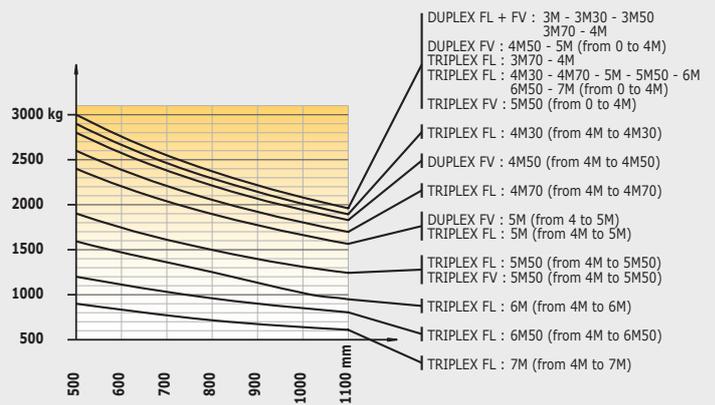
Charts

M 30

Without sidershift attachment

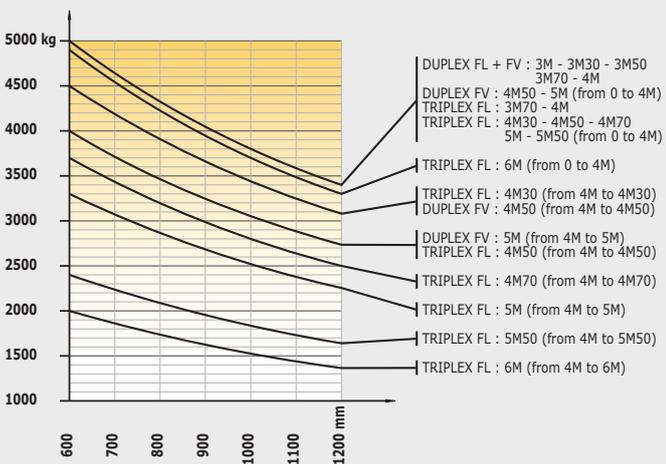


With sidershift attachment

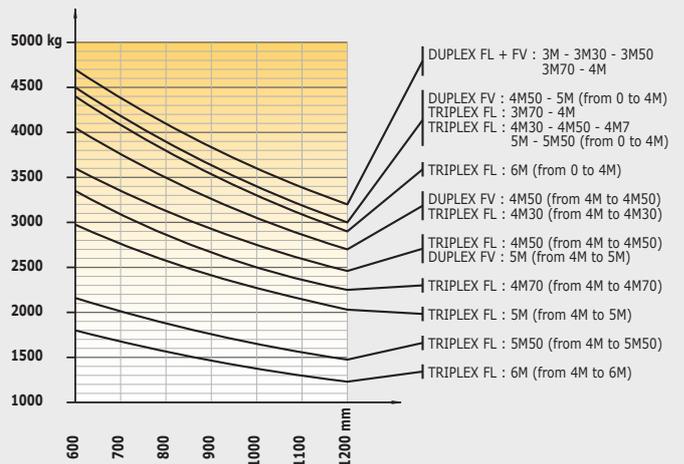


M 50

Without sidershift attachment



With sidershift attachment



FV = Full Visibility
 FL = Free Lift
 TDL = Sidershift attachment

This brochure describes versions and configuration options for MANITOU products which may be fitted with different equipment. The equipment described in this brochure may be standard, optional or not available depending on version. MANITOU reserves the right to change the specifications shown and described at any time and without prior warning. The manufacturer is not liable for the specifications given. For more information, contact your MANITOU dealer. Non-contractual document. Product descriptions may differ from actual products. List of specifications is not comprehensive. The logos and visual identity of the company are the property of MANITOU and may not be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are provided for information only.



Your nearest **MANITOU** dealer:



Head office:
B.P. 249 - 430 rue de l'Aubinière - 44158 Ancenis Cedex - France
Tel: 00 33 (0)2 40 09 10 11 - Fax: 00 33 (0)2 40 09 10 97
www.manitou.com