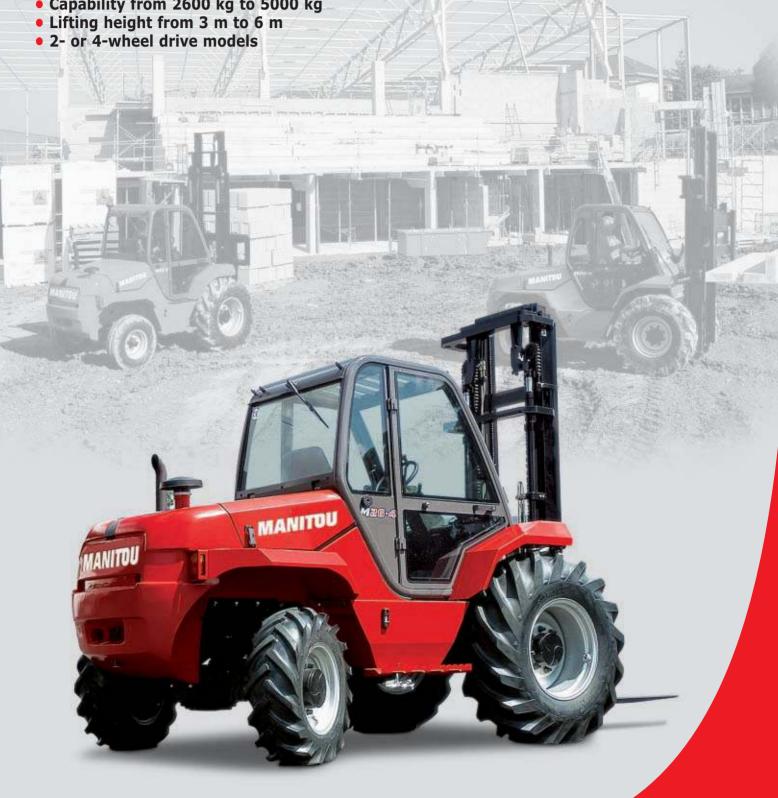
Rough terrain specialist

• Capability from 2600 kg to 5000 kg





M: true rough terrain trucks

The M trucks, from 2.6 to 5 tonnes of capability, enable you to transport heavy, long or bulky loads wherever you wish.

Whether on steep slopes or uneven ground, you will appreciate the benefit of the stability and unequalled traction of these rough terrain trucks from the



Robust first and foremost

Uniquely for this kind of truck, the M series are fitted with a solid bloc chassis that is perfectly able to withstand the effects from twisting on rough terrain, with a suspended cab that protects the driver from vibrations, with a steerable rear oscillating axle to give easy manoeuvring on muddy ground and a load absorber as standard to protect the load from damage on difficult ground.



• Power serving effectiveness

To be effective in the yard the operator must be fast and precise, This is why the M trucks are powerful and fitted with a Perkins $1104\ C$ 44 engine that complies with the EURO 2 standard. Its 4 direct injection cylinders develop 84 hp / $61.5\ kW$ at a nominal engine speed of 2200 rpm; combined with the torque converter transmission the operator is able to choose a travelling gear on stable ground or engine torque for traction on unstable ground (4-speed gearbox).



• Unequalled performance

Popular for their extraordinary ability to drive over obstacles and their ground-holding in muddy conditions,

the M trucks with capacities from 2.6 T to 5 T can carry out a variety of duties in complete safety.

Designed to give optimum stability, with a wide gauge that can handle long loads in complete safety; with high ground clearance and with wide diameter wheels at the front to cross obstacles more easily, good weight distribution over the axles and a hydraulic differential lock system (optional on the 4-wheel drive) to control the truck under all conditions.



• Extra comfort

The spacious enclosed cab with tinted glass fitted as standard, heating, comfortable adjustable seat, efficient dashboard with control lights, and a system that automatically locks the doors open to give ventilation in hot weather mean that the operator can work effectively in all weathers.



In addition there are the advantages of the ergonomically designed controls placed within easy reach, and of increased safety given by the exceptional visibility round the mast and on the sides of the truck which enable the driver to see his load and surroundings

• Simpler maintenance

The fully opening bonnet gives complete access to the engine, gauges, filters and greasers to keep down maintenance time and encourage routine maintenance



• Versatility under all circumstances

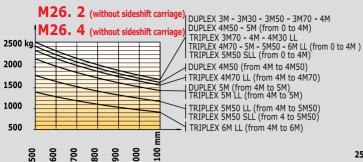
Available as 2 or 4-wheel drive, the M range includes 6 models: M26.2, M30.2, M26.4, M30.4, M40.4, M50.4. The exceptional traction of the M trucks enables you to be as effective with forks in the yard, with a bucket for picking up bulk loads, a skip for concrete, or wood clamp when dealing with timber.

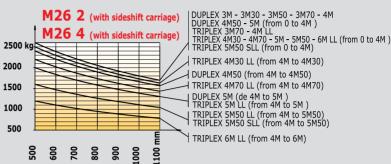


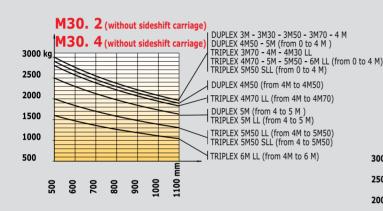
Tyres M26.2/M26.4/M30.2/M30.4/M40.4/M50.4

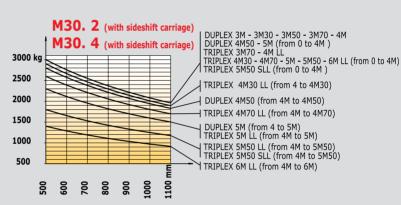
		Version		Tread	Width tyre (mm)	Overall width to the tyres (mm)	Profile
	M26.2/26.4 M30.2/30.4	agricultural version	FRONT	16.5/85-24 TL SGI 8 PR	435	2105	
	M26.2	Industrial version	REAR	9.00 - 16 EM5 10PR	275	1795	
tting	M30.2	Industrial version	REAR	10 R 17.5 XZT	265	1785	
Standard fitting	M26.4 M30.4	agricultural version	REAR	10.5/80 - 18 TG 42 Tubeless 10 PR	275	2035	
O,	M40.4 M50.4	All purpose	FRONT	18 R 22,5 XF Tubeless* (445/65 R 22,5)	450	2070	
	M40.4 M50.4 All purpose		REAR	12,5/80 R18 XM 37 Tubeless	340	2080	
	M26.2 M30.2	Sand version	FRONT	13.0/65-18 IMP E7 Grip Tubeless 12PR	310	1910	
дı	M26.2/30.2	All purpose	FRONT	13.00 R 24 XGLA Tubeless	335	2070	5
Optional fitting	M26.2 Agricultural version RE		REAR	10,5/80 - 18 TG 42	275	1795	
Ор	M26.2 Industrial version		REAR	10 R 17,5 XZT Tubeless 134/132 L	265	1785	
	M26.4 M30.4	Agricultural version	REAR	12.0 - 18 T86	310	2070	

Roller masts M26/M30

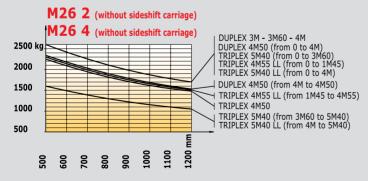


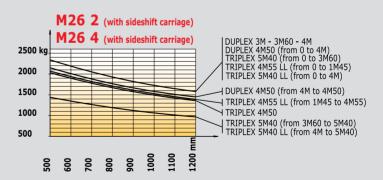


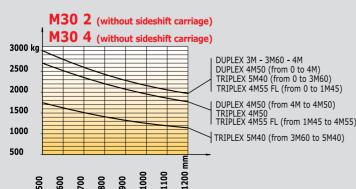


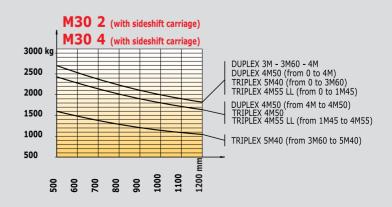


Load charts Sliding masts M26/M30









Roller masts M26/M30

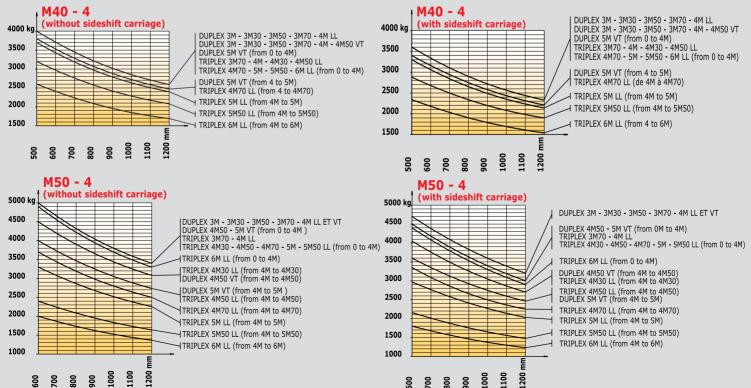
MASTS		TYPE OF TRUCK		FREE LIFT	OVERALL MAST EXTENDED	HEIGHT AT MAXIMUM CAPACITY (mm)		MAXIMU	ITY AT M HEIGHT m)	MAST TILT ANGLE
			DOWN	(mm)	(mm)	with sideshift carriage	without sideshift carriage	with sideshift carriage	without sideshift carriage	FRONT / REAR
	3.00 m	M26.2/M26.4 M30.2/M30.4	2540	130	4115	3000 3000	3000 3000	2600 3000	2600 3000	6°/12°
	3.30 m	M26.2/M26.4 M30.2/M30.4	2540	130	4415	3300 3300	3300 3300	2600 3000	2600 3000	6°/12°
Duplex	3.50 m	M26.2/M26.4 M30.2/M30.4	2625	130	4615	3500 3500	3500 3500	2600 3000	2600 3000	6°/12°
all round	3.70 m	M26.2/M26.4 M30.2/M30.4	2785	130	4815	3700 3700	3700 3700	2600 3000	2600 3000	6°/12°
visibility	4.00 m	M26.2/M26.4 M30.2/M30.4	2975	130	5115	4000 4000	4000 4000	2600 3000	2600 3000	6°/12°
	4.50 m	M26.2/M26.4 M30.2/M30.4	3225	130	5615	4000 4000	4000 4000	2400 2800	2500 2900	6°/12°
	5.00 m	M26.2/M26.4 M30.2/M30.4	3475	130	6115	4000 4000	4000 4000	2000 2300	2200 2500	6°/12°
	3.00 m	M26.2/M26.4 M30.2/M30.4	2540	1383	4032	3000 3000	3000 3000	2600 3000	2600 3000	6°/12°
	3.30 m	M26.2/M26.4 M30.2/M30.4	2540	1533	4332	3000 3300	3300 3300	2600 3000	2600 3000	6°/12°
Duplex	3.50 m	M26.2/M26.4 M30.2/M30.4	2625	1633	4532	3500 3500	3500 3500	2600 3000	2600 3000	6°/12°
free lift	3.70 m	M26.2/M26.4 M30.2/M30.4	2785	1793	4732	3700 3700	3700 3700	2600 3000	2600 3000	6°/12°
	4.00 m	M26.2/M26.4 M30.2/M30.4	2975	1983	5032	4000 4000	4000 4000	2600 3000	2600 3000	6°/12°
	4.50 m	M26.2/M26.4 M30.2/M30.4	3225	2233	5532	4000 4000	4000 4000	1600 1800	1800 2000	6°/12°
Triplex all round visibility	5.50 m	M26.2/M26.4 M30.2/M30.4	3055	-	6725	4000 4000	4000 4000	1600 1800	1800 2000	6°/12°
	3.70 m	M26.2/M26.4 M30.2/M30.4	2540	1283	4732	3700 3700	3700 3700	2600 3000	2600 3000	6°/12°
	4.00 m	M26.2/M26.4 M30.2/M30.4	2540	1383	5032	4000 4000	4000 4000	1600 1800	1800 2000	6°/12°
Triplex	4.30 m	M26.2/M26.4	2540	1533	5332	4000 4000	4300 4300	2500 2900	2600 3000	6°/12°
free	4.70 m	M30.2/M30.4 M26.2/M26.4 M30.2/M30.4	2625	1633	5732	4000 4000	4000 4000	2200 2600	2400 2800	6°/12°
lift	5.00 m	M26.2/M26.4 M30.2/M30.4	2785	1793	6032	4000 4000	4000 4000	2000 2300	2800 2500	6°/12°
	5.50 m	M26.2/M26.4 M30.2/M30.4	2975	1983	6532	4000 4000	4000 4000	1600 1800	1800 2000	6°/12°
	6.00 m	M26.2/M26.4 M30.2/M30.4	3225	2233	7032	4000 4000	4000 4000	1200 1400	1400 1600	6°/12°

Sliding masts M26/M30

MA	TS	TYPE OF TRUCK	OVERALL MAST	OVERALL FREE		LIFT EXTEN-		HEIGHT AT MAXIMUM CAPACITY (mm)		CAPACITY AT MAXIMUM HEIGHT (mm)		ANGLE	
		or moon	DOWN	(mm)	DED (mm)	with sideshift carriage	without sideshift carriage	with sideshift carriage	without sideshift carriage	FRONT / REAR			
	3.00 m	M26.2/M26.4 M30.2/M30.4	2625	-	4125	3000 3000	3000 3000	2350 2700	2600 3000	6°/12°			
Duplex all round	3.60 m	M26.2/M26.4 M30.2/M30.4	2925	-	4725	3600 3600	3600 3600	2350 2700	2600 3000	6°/12°			
visibility	4.00 m	M26.2/M26.4 M30.2/M30.4	3125	-	5125	4000 4000	4000 4000	2350 2700	2600 3000	6°/12°			
	4.50 m	M26.2/M26.4 M30.2/M30.4	3475	-	5725	4000 4000	4500 4500	2150 2450	2350 2700	6°/12°			
Triplex all round	4.50 m	M26.2/M26.4 M30.2/M30.4	2540	-	5540	4500 4500	3600 3600	2050 2450	2250 2700	6°/12°			
visibility	5.40 m	M26.2/M26.4 M30.2/M30.4	2930	-	6530	3600 3600	3600 3600	1450 1600	1600 1750	6°/12°			
Triplex free lift	4.55 m Central cylinder	M26.2/M26.4 M30.2/M30.4	2390	1450	5490	1450 1450	1450 1450	2050 2420	2300 2700	6°/12°			

Roller masts - Load charts M40/50 - 4

MASTS		TYPE OVERALL MAST		. FREE LIFT	OVERALL MAST EXTENDED	HEIGHT AT MAXIMUM CAPACITY (mm)		CAPACITY AT MAXIMUM HEIGHT (mm)		MAST TILT ANGLE
			DOWN	(mm)	(mm)	with sideshift carriage	without sideshift carriage	with sideshift carriage	without sideshift carriage	FRONT / REAR
	3.00 m	M40.4 M50.4	2560		4115	3000 3000	3000 3000	3600 4700	4000 5000	15°/15°
	3.30 m	M40.4 M50.4	2710		4415	3300 3300	3300 3300	3600 4700	4000 5000	15°/15°
Duplex	3.50 m	M40.4 M50.4	2810	-	4615	3500 3500	3500 3500	3600 4700	4000 5000	15°/15°
all round	3.70 m	M40.4 M50.4	2910	-	4815	3700 3700	3700 3700	3600 4700	4000 5000	15°/15°
visibility	4.00 m	M40.4 M50.4	3060	-	5115	4000 4000	4000 4000	3600 4700	4000 5000	15°/15°
	4.50 m	M40.4 M50.4	3305	-	5615	4500 4000	4500 4000	3600 4050	4000 4500	15°/15°
	5.00 m	M40.4 M50.4	3560	-	6115	4000 4000	4000 4000	3400 3600	3800 4000	15°/15°
	3.00 m	M40.4 M50.4	2585	1518 1528	4117	3000 3000	3000 3000	3600 4700	4000 5000	15°/15°
Duplex	3.30 m	M40.4 M50.4	2735	1668 1678	4417	3300 3300	3300 3300	3600 4700	4000 5000	15°/15°
free lift	3.50 m	M40.4 M50.4	2835	1768 1778	4617	3500 3500	3500 3500	3600 4700	4000 5000	15°/15°
iree iiit	3.70 m	M40.4 M50.4	2935	1868 1878	4817	3700 3700	4000 4000	3600 4700	4000 5000	15°/15°
	4.00 m	M40.4 M50.4	3085	1968 1978	5517	4000 4000	4000 4000	3600 4700	4000 5000	15°/15°
	3.70 m	M40.4 M50.4	2485	1255 1265	4805	3700 3700	3700 3700	3600 4500	4000 5000	15°/15°
	4.00 m	M40.4 M50.4	2485	1355 1365	5105	4000 4000	4000 4000	3600 4500	4000 5000	15°/15°
	4.30 m	M40.4 M50.4	2510	1455 1465	5405	4300 4000	4300 4000	3600 4050	4000 4500	15°/15°
Triplex	4.50 m	M40.4 M50.4	2585	1530 1540	5605	4500 4000	4500 4000	3600 3600	4000 4000	15°/15°
free lift	4.70 m	M40.4 M50.4	2645	1590 1600	5805	4000 4000	4000 4000	3400 3350	3800 3700	15°/15°
	5.00 m	M40.4 M50.4	2760	1705 1715	6105	4000 4000	4000 4000	3300 2950	3700 3300	10°/15°
	5.50 m	M40.4 M50.4	2910	1855 1865	6605	4000 4000	4000 4000	2880 2150	3200 2400	10°/15°
	6.00 m	M40.4 M50.4	3085	2030 2040	7105	4000 4000	4000 4000	2350 1800	2600 2000	10°/15°



M26.2/M30.2	i	2-wheel	drive
M26.4/M30.4	i	4-wheel	drive
M40.4/M50.4	:	4-wheel	drive

Lifting capability M26.2/M26.4 (500 mm M30.2/M30.4 (500 mm M40.4 (500 mm) M50.4 (600 mm))3000 kg 4000 kg



Standard lifting height.....3,70 m



Tyres	
Front:	
M26./M30	16,5/85-24 SGI 8 PR
M40.4/M50.4	18 R 22,5 XF TUBELESS
Rear:	•
M26.2	9.00-16 EM5 10 PR
M30.2	10 R17.5 XZT
M26-4 / M30-410.	.5 - 80 R18 TG 42 10PR
	12,5 /80 R 18 XM 37
	=,=,=,==,==,==,==,==,==,==,==,==,===,===,====



Forks (mm)	
Length	1200
Width x thickness	
M26/M30	125x40
M 40.4	150x50
M 50.4	150x60



Multidisk hydraulic brakes with oil bath



PERKINS Euro 2 engine
Type1104C 44
Cubic capacity4 cyl 4400 cm ³
Nominal engine speed2200 rpm
Power (ISO/TR 14396)61.5 kW (84 hp)
Maximum torque302 Nm at 1400 rpm
Direct injection
Water cooled
Water cooled



Transmission	Torque converter
Reversing shift	electro-hydraulic
4 forward and reverse gea	rs
Max. travelling speed*	24 km/h
Hydraulic differential lock N	426.2/M30.2
Electro-hydraulically contro	lled disconnect
M26.4/M30.4/M40.4/M50.4	1



Hydraulics

Geared main pump.		
Pressure/flow .		
M 26.2/M 26.4185	bar/89	I./mn
M 30.2/M 30.4185	bar/89	I./mn
M 40./M 50210	bar/89	I./mn
Priority Load sensing flow	,	,
divider for steering145	bar/89	I./mn
-	'	



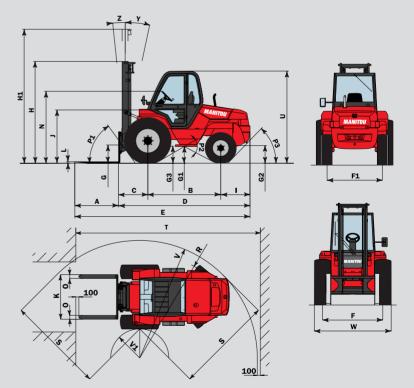
Capacity	
Capacity Cooling system	13
Enaine oil8	,5
Hvdraulic oil	64
Transmission oil15	,5
Fuel	



Weight (with standard mast and forks) M26.2 58 M30.2 61 M26.4 58 M30.4 61 M40.4 67	00 30 30 00	kg kg kg
M50.4		

BE/BDM 002/Ind.A /112 ind.C/113 ind. C/114 ind. C/118 ind. C/119 ind. C

	Roller mast				Sliding mast			
	M26.2 M30.2	M26.4 M30.4	M40.4	M50.4	M26.2	M30.2	M26.4	M30.4
Α	1200	1200	1200	1200	1200	1200	1200	1200
В	2000	2080	2124	2124	2000	2000	2080	2080
C	810	810	762	772	825	830	825	830
D E	3635 4835	3635 4835	3745 4945	3755 4955	3650 4850	3655 4855	3650 4850	3655 4855
F	1650	1650	1620	1620	1650	1650	1650	1650
F1	1520	1760	1720	1720	1520	1520	1760	1760
G	495	495	265	265	455	455	455	455
G1	465	395	365	365	465	465	395	395
G2	420	290	290	290	420	420	290	290
G3	480	480	360	360	480	480	480	480
Н	2785	2785	2910	2910	2925	2925	2925	2925
H1	4815	4815	4815	4815	4725	4725	4725	4725
I	825	745	859	859	745	745	745	745
J	1480	1480	1425	1425	1480	1480	1480	1480
K	1470	1470	1670	1670	1320	1320	1320	1320
L N	40 1960	40 1960	50 1925	60 1925	40 1960	40 1960	40 1960	45 1960
0	125	125	150	150	125	125	125	125
P1	54°	54°	43,5°	43,5°	54°	54°	54°	54°
P2	58°	57,5°	50°	50°	58°	58°	57,5°	57,5°
P3	46°	56,5°	48,5°	48,5°	46°	46°	56,5°	56,5°
R	3730	3930	3985	3985	3730	3730	3930	3930
S	3215	3115	3363	3363	3215	3215	3115	3115
Т	6140	6280	6327	6327	6320	6325	6295	6295
U	2540	2540	2485	2485	2540	2540	2540	2540
V	3930	4070	4155	4155	3930	3930	4070	4070
V1	1015	1350	1120	1120	1015	1015	1350	1350
W	2105 12°	2105 12°	2070 15°	2070 15°	2105 12°	2105 12°	2105 12°	2105 12°
Z	6°	6°	15°	15°	6°	6°	6°	6°
	U	0	13	13		U	0	mm



Standard fittings:

- Enclosed cab with tinted glass
- Fabric seat
- Adjustable steering column
- Heating
- Front and rear windscreen wipers and washers

Options

- Hydraulic differential lock on the 4-wheel drive versions
- Various attachments such as buckets, sideshift carriage, clamps etc

- Reversing shift on the steering wheel
- Left-hand external rear-view mirror
- Front and rear road lights
- · Hydraulic differential lock on the 2-wheel drive versions

- Audible warning when reversing
- Driver's overhead guard
- Rotating beacon
- Work lights



Manitou, material handling world leader

Inventor of the rough terrain forklift truck, Manitou offers today the most comprehensive range to meet all specific handling and personal lifting requirements:

Telescopic trucks

MANISCOPIC

Rough terrain and semi industrial masted trucks

MANITOU

Access equipment

MANIACCESS

Compact telescopic handler

Twisco

Truck mounted forklifts

MANITRANSIT

Backhoe/Loader with telescopic boom

MANIHOE

Swinging arm and articulated wheeled loaders

MANILOADER



A network of skilled professionals at your service

With a network of 500 service and parts centres in more than 100 countries, Manitou provides an efficient after-sales support based on the expertise of 2000 factory trained technicians.

This publication in no way constitutes an offer and the company reserves the right to alter specification without prior notice The MANITOU models presented in this brochure can be supplied complete with optional equipment attachments.







B.P. 249 - 44158 Ancenis Cedex - France Tél.: 33 2,40 09 10 11 / Export Department Fax: 33 2 40 09 10 97 www.manitou.com



