

**M & MH RANGE**  
**Rough Terrain forklifts**



# Handling your world

Founded over 60 years ago by the Braud family, Manitou Group now operates worldwide. A world-leader in all-terrain material handling, the Group designs, produces, distributes and services equipment intended for construction, agriculture and industries.

The Group's product ranges include: telescopic loaders including rotary and heavyweight all-terrain telescopic forklift-trucks, semi industrial and industrial all-terrain masted forklifts, compact loaders (skid-steers) on wheels or tracks, aerial work-platforms for personnel, truck-mounted forklifts, warehousing equipment and attachments.

Thanks to its high-profile brands, Manitou, Gehl and Mustang, and its network of 1,400 dealers throughout the world, the group provides the best solutions, creating most value for its customers.

With its head office in France, the group had a revenue of €1.332 billion in 2016 in 140 countries and employs 3,700 staff who are resolutely focused on customer satisfaction.



1958

First Manitou forklift truck created based on an idea from Marcel Braud.

1972

Group's global expansion began.

Sales & marketing partnership agreement signed with Toyota for the exclusive distribution of Toyota industrial forklifts in France.

1981

Manitou's first telehandler launched.

1984

The company went public.

1993

First MRT rotating telescopic forklifts were launched.

1995

Aerial workplatforms launched.

1996

Manitou was ISO-9001-certified for the first time.

1998

Marcel Braud appointed Chairman of the Supervisory Board..

2007

Manitou inaugurated a 22,000 m<sup>2</sup> international logistics center.



**3 brands**  
distributed by  
1.500 dealers  
in 140 countries



- 21 subsidiaries
- 11 production facilities
- 3.700 employees worldwide
- 65% of the share capital held by the founding families
- 78% of revenue comes from foreign markets
- Revenue of 1.332 billion euros in 2016

2008

The American Gehl Company was acquired.

2009

Governance changed and the company went back to having a Board of directors.

2010

Gehl and Mustang articulated loaders launched.

2012

Crossover agreement signed with the company Yanmar for the manufacturing and distribution of compact excavators.

2013

Partnership with Yanmar made stronger with Yanmar taking a 6,26%-stake in the Group's capital.

2014

January: Michel Denis appointed as President and CEO.  
April: new roadmap hinged in the three divisions, including one for service.

2015

Celebration of the 500,000th machine sold in the world.



2016

Launch of the new MLT range, NewAg.



2017

Inauguration of the new entity Manitou Equipment India, specialised in compact loaders and backhoes.



MANITOU

MANITOU  
MH23-4T

BUGGIE



## The Manitou rough-terrain forklift trucks

Renowned by their sturdiness and performance even under extreme conditions, the M and MH forklift trucks go where others do not!

By combining simplicity and productivity, power and maneuverability, these machines allow for effective and safe operation.

# VERSATILITY

## Machines adapted to your needs

On paved or loose ground, M and MH forklifts are perfect for virtually any surface.

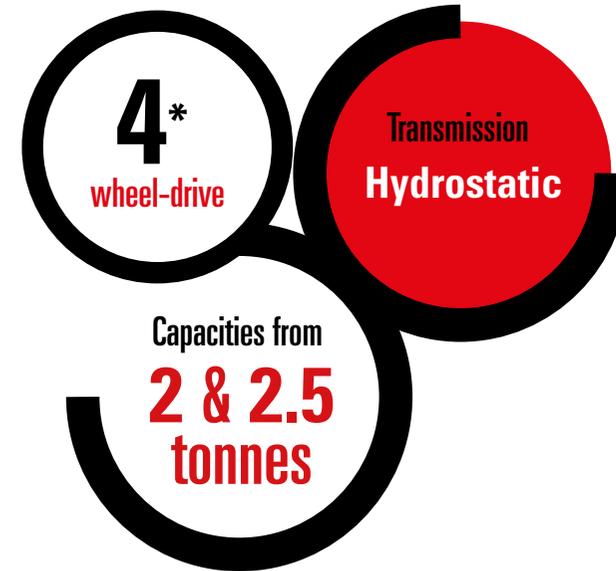


**2/4**  
wheel-drive

Transmission  
**Hydrostatic  
or  
Torque conv.**

Capacities from  
**2.6 to 7**  
tonnes

# M



***MH***

\* Option that allows the operator to shift from 4 to 2 wheel drive.



# SAFETY

## Visibility & safety

Clear visibility is essential to ensure operator's safety and a safe work environment. Our machines have been designed with that in mind:

**Mast:** Optimised hose routing for better vision during load lifting.

Panoramic **rear view mirror** (standard feature for Ms).

Curved **counterweight** for improved rear visibility.

360° panoramic cab.

Shock absorber (for M forklifts only)  
The shock absorber technology keeps the load stable, allowing you to effectively tackle nearly any terrain.





## Machines easy to use and maintain

The M range are easy to maintain, reducing turnaround times and related costs.

- Simplified design (reduced number of electronic components), resulting in lower maintenance costs.
- Easy access to key components located under the engine hood.
- Waterproof enclosures protect main electronic components from dust and humidity.



The electro-hydraulic tilting of MH cabins ensure quick access to mechanical components for easy servicing.

You can tilt the cabin with a single button for effective maintenance.



# COMFORT

## Access made easier

Across its range of products, Manitou puts strong emphasis on operator's safety and comfort when accessing and exiting the cabin.

Regardless of the driver's body type, the operator can easily access the cabin thanks to the following features:

- a fixed handle on the front left side of the overhead guard;
- non-slipping footboards located on both sides; and
- large open space on the floor.





## Operator comfort

Spacious and comfortable, the cabin offers the operator a smooth driving experience, reducing fatigue and increasing productivity.

- **Spacious cabin with panoramic view.**  
Full vision cabin with optional automatic doors that can be folded back.  
Suspended cabin that reduces ground vibrations.  
Efficient heating and ventilation system as standard, air conditioning (optional)
- **Ergonomic levers**  
The cabin brings controls within comfortable reach of the operator's finger.  
On MHs, the JSM is an optional feature to have all handling functions in the palm of your hand.
- **Functional buttons**

\*Joystick Switch and Move

# PERFORMANCE

## Productivity

### Excellent gradeability

Equipped with large diameter front wheels, excellent weight distribution on both axles and central differential locking system, the machines of this range offer high capacities .

M forklifts are available in 2 or 4 wheel drive versions (except for the M70 — 2 wheel drive version only)  
MH forklifts are on 4-wheel drive.\*

### Axles

- **Rear axle** with excellent oscillating angle for M.
- On MH, **steering axle with built-in cylinder** which offers an exceptional turning radius.

### Mast lifting height of up to 7m

The forklift width ensures better stability for increased safety when handling long or heavy loads.

15° **mast tilt** for M and 12° for MH.

**Excellent ground clearance** (43 cm for M and 26 cm for MH)

**Turning radius** from 3.40 m .  
On MH, its turning radius is from 3.27 m . Ideal for storage areas or tight spaces.

*\* Option available to shift from 4 to 2 wheel drive.*





## Engine and transmission

M forklifts feature a next-generation Stage 3B engine with diesel particulate filter.



These engines help reduce fuel consumption **up to 13%**.

2 transmission options available:

### Torque converter

Torque converter allows the operator to choose between drive speed on stable ground or engine torque for traction on irregular ground (4-speed gearbox).

### Hydrostatic\*

*(on M, only in 2-wheel drive trucks)*

Recommended for applications requiring:

- high permanent power output;
- permanent speed control;
- high precision for accurate operation and handling;
- Repetitive braking: The automatic braking function when releasing the accelerator pedal offers smooth driving for the operator.



Thanks to its mechanical linkage, with an engine located at the rear of the machine, the MH is an exceptionally compact machine (less than 2m in height), boosting a capacity (2 to 2.5 tonnes). MHs feature a Kubota engine with 48.6 Kw (Stage 3B) or 36 kW (Stage 3A) power.

The 4 in-wheel motors provide for perfect traction on sloping or uneven ground.

**MH forklifts feature hydrostatic transmission only.**





## For all your applications !

M and MH forklifts are perfectly adapted to rough terrain applications. The tyres, engine power and robustness of the machine are designed for intensive duties.

## Versatile machines

With a wide array of available options and attachments that you can adapt to handle any application, Manitou rough terrain forklifts can perfectly meet your specific needs.

M

Sawmills, vehicle recycling,  
Building material dealers,  
Industrial construction,  
Mines, Container ships...  
Even on uneven terrain



# MH

Sawmills,  
Market gardening, plantations,  
Construction,  
Different industries...  
Even on uneven terrain



# Tyres

M and MH forklifts feature two type of tyres:

- All terrain: ideal to travel over sloping or uneven terrain.
- Mixed : perfectly adapted to shift from road to off road conditions (and the other way round).

2-wheel drive forklifts come standard with mixed tyres, while 4-wheel drive versions include tyres with appropriate sizes for all terrain conditions.

Our large choice of options provide a solution that addresses compactness and driveability to handle any application.

MH forklifts use tyres between 1450 mm to 1650 mm in diameter. This reduces the risk of punctures and improves stability. In contrast, a standard size helps maintain machine compactness.

Make sure to choose the right tyre. Tyres are a major component in the total cost of ownership (TCO) of the machine. Choosing the tyres that best suit your application will reduce the frequency of tyre changes, and, therefore, the TCO.



# Attachments

A range of attachments are available to suit specific applications



**Note**

These attachments will require 3 or 4 hydraulic services. Therefore, you need to include levers and distributors mounted up to the carriage when placing your order.



**Side-shift carriage**



**Fork positioner**



**Bucket (for MHs only)**



**Tilt carriage**

# Masts options

To meet your specific needs concerning mast heights, MI forklifts include several options:

## Duplex (DVT)

Two stage mast with low free lift. The operator can use the hydraulic lever to easily control the mast.

## Free Lift Duplex (DLL) - Upon request

Thanks to its central cylinder, the operator has a significant full free lift capacity without raising the mast.

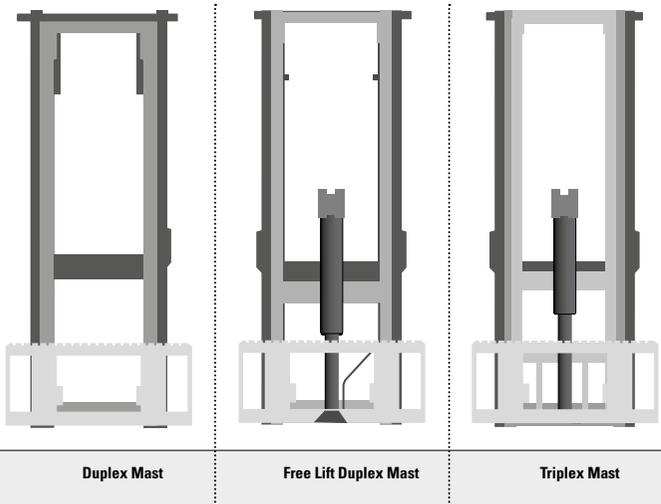
## Free Lift Triplex (TLL)

Thanks to its central cylinder, the operator has a significant full free lift capacity without raising the mast. This mast consists of three sections that allow for a significant lift height while condensing down into minimal overall height.

## Triplex w/o Free Lift (TSLL)

Three stage mast with low free lift. The operator can use the hydraulic lever to easily control the mast.

We can also respond to your specific needs. Contact your nearest dealer for further information.



Mast	Lifting height (h3)	MH 20/25		Overall height, mast extended (h4)	MH 20	MH 25
		Overall height, mast lowered (h1)	Free lift (h2)		Lift capacity @ 500 mm load center	Lift capacity @ 500 mm load center
DVT	2700	1995	130	3531	2000	2500
	3000	2145	130	3831	2000	2500
	3300	2295	130	4070	2000	2500
	3500	2395	130	4331	1800	1900
	3700	2565	130	4531	1600	1900
	4000	2745	130	4831	1500	1550
	4500	2995	130	5331	1100	1100
	5000	3245	130	5831	NA	NA
	5500	3495	130	6331	NA	NA
	6000	3785	130	6831	NA	NA
TLL	3700	1945	1221	4469	1600	1900
	4000	2045	1321	4769	1500	1550
	4300	2145	1421	5069	1200	1250
	4700	2295	1571	5469	1100	1000
	5000	2395	1671	5769	NA	NA
	5500	2555	1831	6269	NA	NA
	6000	2745	2021	6769	NA	NA
	6500	2995	2271	7269	NA	NA
	7000	3245	2521	7769	NA	NA
M70-2H						
Mast	Lifting height (h3)	Overall height, mast lowered (h1)	Free lift (h2)	Overall height, mast extended (h4)	Lift capacity @ 500 mm load *	Lift capacity @ 500 mm load **
DVT	3600	3160	0	4965	7000	6200
	4000	3360	0	5370	7000	6200
	4500	3610	0	5865	7000	3850

		M26/30				M26		M30		M40						M50						
		Lifting height (h3)	Overall height, mast lowered (h1)	Free lift (h2)	Overall height, mast extended (h4)	Lift capacity @ 500 mm load*	Lift capacity @ 500 mm load**	Lift capacity @ 500 mm load*	Lift capacity @ 500 mm load**	Lifting height (h3)	Overall height, mast lowered (h1)	Free lift (h2)	Overall height, mast extended (h4)	Lift capacity @ 500 mm load*	Lift capacity @ 500 mm load**	Lifting height (h3)	Overall height, mast lowered (h1)	Free lift (h2)	Overall height, mast extend. (h4)	Lift capacity @ 600mm load*	Nominal capacity @ 600mm load **	Lift capacity @ 600mm load**
DVT	3000	3030	2375	0	4115	2600	2600	3000	3000	3050	245	0	3977	4000	4000	3060	2560	0	4115	5000	4700	4700
	3300	3330	2525	0	4415	2600	2600	3000	3000	3350	2575	0	4277	4000	4000	3360	2710	0	4415	5000	4700	4700
	3500	3530	2625	0	4615	2600	2600	3000	3000	3550	2675	0	4477	4000	4000	3560	2810	0	4615	5000	4700	4700
	3700	3730	2785	0	4815	2600	2600	3000	3000	3750	2775	0	4677	4000	4000	3760	2910	0	4815	5000	4700	4700
	4000	4030	2975	0	5115	2600	2600	3000	3000	4050	2925	0	4977	4000	4000	4060	3060	0	5115	5000	4700	4700
	4500	4530	3225	0	5615	2600	2400	2900	2800	4550	3175	0	5477	4000	4000	4560	3305	0	5615	4500	4500	4000
	5000	5030	3475	0	6115	2200	2100	2600	2400	5050	3425	0	5977	3800	3400	5060	3560	0	6115	4000	4500	3600
	5500	5530	3725	0	6615	1800	1600	2000	1900	-	-	-	-	-	-	5560	3810	0	6615	NA	NA	NA
	6000	6030	3975	0	7115	1400	1200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DLL	3000	3040	2375	1383	4032	2600	2600	3000	3000	3050	2450	1532	3968	4000	4000	3060	2585	1528	4117	5000	4700	4700
	3300	3340	2525	1533	4332	2600	2600	3000	3000	3350	2600	1682	4268	4000	4000	3360	2735	1678	4417	5000	4700	4700
	3500	3540	2625	1633	4532	2600	2600	3000	3000	3550	2700	1782	4468	4000	4000	3560	2835	1778	4617	5000	4700	4700
	3700	3740	2785	1793	4732	2600	2600	3000	3000	3750	2800	1882	4668	4000	4000	3760	2935	1878	4817	5000	4700	4700
	4000	4040	2975	1983	5032	2600	2600	3000	3000	4050	2950	2032	4968	4000	4000	4060	3085	1978	5517	5000	4700	4700
	4500	4540	3225	2233	5532	2600	2400	2900	2800	-	-	-	-	-	-	-	-	-	-	-	-	-
TLL	3700	3740	2275	1283	4732	2600	2600	3000	3000	3750	2175	1258	4667	4000	4000	3760	2310	1265	4805	5000	4500	4500
	4000	4040	2375	1383	5032	2600	2600	3000	3000	4050	2275	1258	4967	4000	4000	4060	2410	1365	5105	5000	4500	4500
	4300	4340	2525	1533	5332	2600	2500	3000	2900	4350	2375	1458	5267	4000	4000	4360	2510	1465	5405	4500	4500	4000
	4500	4540	NA	NA	NA	NA	NA	NA	NA	4550	2450	1533	5467	4000	4000	4560	2585	1540	5605	4000	4500	3600
	4700	4740	2625	1633	5732	2400	2200	2800	2600	4750	2510	1593	5667	3800	3400	4760	2645	1600	5806	3700	4500	3300
	5000	5040	2785	1793	6032	2200	2000	2600	2400	5050	2625	1708	5967	3700	3300	5060	2760	1715	6105	3300	4500	3000
	5500	5540	2975	1983	6532	1800	1600	2000	1900	5550	2775	1858	6467	3200	2900	5560	2910	1865	6605	2400	4500	2150
	6000	6040	3225	2233	7032	1400	1200	1800	1600	6050	2950	2033	6967	2600	2350	6060	3085	2040	7105	2000	4000	1800
	6500	6540	3475	2483	7532	1250	1100	1350	1200	-	-	-	-	-	-	-	-	-	-	-	-	-
7000	7040	3725	2733	8032	1000	900	1000	900	-	-	-	-	-	-	-	-	-	-	-	-	-	
TSL	5500	5545	3055	0	6725	1800	NA	1800	NA	-	-	-	-	-	-	-	-	-	-	-	-	
	6700	6745	3455	0	7925	NA	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	

\*w/o side-shift carriage - \*\* w side-shift carriage



		M 26	M 30	M-X 30	M 40	M 50	M-X 50	M 70	M-X 70	MH 20	MH 25	
<b>MATS</b>	Full Visibility Duplex Mast	S	S	S	S	S	S	S	S	S	S	
	Free Lift Duplex Mast	0 <sup>(1)</sup>	-	-								
	Free Lift Triplex Mast	0	0	0	0	0	0	0	0	0	0	
	Total Visibility Triplex Mast	0	0	0	0	0	0	0	0	-	-	
<b>ATTACHMENTS</b>	Integrated or hook-on side-shift carriage	0	0	0	0	0	0	0	0	0	0	
	Load back rest	0	0	0	0	0	0	0	0	0	0	
	Double side-shift carriage	-	-	-	0	0	0	-	-	-	-	
	Fork positioner	0	0	0	0	0	0	0	0	0	0	
	Tilt carriage	-	-	-	-	0	-	0	-	0	0	
<b>Hydraulic kits and distributors</b>	Quick hydraulic couplers	0	0	0	0 <sup>(2)</sup>	0	0					
	Straight lever-operated directional valve (2 double act. + 1 single act.)	S	S	S	S	S	S	S	S	0	0	
	Straight lever-operated directional valve (3 double act. + 1 single act.)	0	0	0	0	0	0	0	0	0	0	
	Directional valve with Switch & Move joystick (3 double act. + 1 single act.)	-	-	-	-	-	-	-	-	-	-	0
	Directional valve with Switch & Move joystick (4 double act. + 1 single act.)	-	-	-	-	-	-	-	-	-	-	0
	Cross directional valve with Switch & Move joystick (3 double act. + 1 single act.)	-	-	-	-	-	-	-	-	-	0	0
	Cross directional valve with reverse movements (2 double act. + 1 single act.)	-	-	-	-	-	-	-	-	-	S	S
<b>CAB / COMFORT</b>	CD/MP3 player	0	0	0	0	0	0	0	0	0	0	
	Radio player with speakers and antenna	0	0	0	0	0	0	0	0	0	0	
	Fully enclosed cab	S	S	0	S	S	0	S	0	0	0	
	Driver protection without windscreen	-	-	-	-	-	-	-	-	-	0	0
	2-section door	-	-	-	-	-	-	-	-	-	0	0
	Low cab "buggy" version	-	-	-	-	-	-	-	-	-	0	0
	Right and left doors with sliding window	0	0	0	0	0	0	0	0	0	0 <sup>(1)</sup>	0 <sup>(1)</sup>
	Heating	S	S	-	S	S	-	S	-	0	0	
	Air conditioning	0	0	0	0	0	0	0	0	0	0	
	Rain screen cap	S	S	S	S	S	S	S	S	-	-	
	Overhead guard with front and rear tinted windshield	0	0	S	0	0	S	0	S	S	S	
	Tilting steering column	0	0	S	0	0	S	0	S	S	S	
	Rear/front wipers and front screen washer	S	S	S	S	S	S	S	S	S	S	
	Wiper for roof panel	0	0	0	0	0	0	0	0	-	-	
	Sun visor on roof panel and windshield	0	0	0	0	0	0	0	0	-	-	
	Document-holder	0	0	0	0	0	0	0	0	0	0	
	Mechanical suspension seat in artificial leather	S	S	S	S	S	S	S	S	S	S	
	Cloth mechanical suspension seat	0	0	0	0	0	0	0	0	-	-	
	Cloth air suspension seat	0	0	0	0	0	0	0	0	0	0	

		M 26	M 30	M-X 30	M 40	M 50	M-X 50	M 70	M-X 70	MH 20	MH 25
<b>LIGHTING</b>	Complete front/rear road lights	S	S	S	S	S	S	S	S	0	0
	Rotating beacon	0	0	0	0	0	0	0	0	0	0
	Left and right front/rear work lights (x2)	0	0	0	0	0	0	0	0	0	0
<b>SAFETY</b>	Safety belt	S	S	S	S	S	S	S	S	S	S
	Self-cleaning pre-filre	0	0	0	0	0	0	0	0	0	0
	Cyclone pre-filre	0	0	0	0	0	0	0	0	0	0
	Balancing valve on tilting cylinder	0	0	0	0	0	0	S	S	0	0
	Engine preheat	-	-	-	-	-	-	0	-	-	-
	Battery isolator switch	S	S	0	S	S	0	S	0	S	S
	Reverse motion warning alarm	0	0	0	0	0	0	0	0	0	0
	Timed engine cut-off	-	-	-	-	-	-	-	-	0	0
	Fuel tank screwdriver cap	-	-	-	-	-	-	-	-	0	0
	Emergency stop button	-	-	-	-	-	-	-	-	0	0
	Final drive protection	-	-	-	-	-	-	-	-	0	0
	Right-side view mirror	0	0	0	0	0	0	0	0	0	0
	Internal rear view mirror	0	0	0	0	0	0	0	0	0	0
Left-side view mirror	-	-	-	-	-	-	-	-	0	0	
<b>PRODUCTIVITY</b>	Control to shift from 4 to 2 wheel drive <sup>(4)</sup>	S	S	S	S	S	S	-	-	0	0
	Load shock absorber	S	S	S	S	S	S	S	S	0	0
	Differential locking system	S	S	0	S <sup>(3)</sup>	S <sup>(3)</sup>	0	S	S	-	-
	Hydraulic inching function	-	-	-	-	-	-	-	-	S	S
	Lifting acceleration	-	-	-	-	-	-	-	-	0	0
<b>TYRES</b>	Spare wheel <sup>(1)</sup>	0	0	0	0	0	0	0	0	0	0
	Foam filled tyres <sup>(1)</sup>	0	0	0	0	0	0	0	0	-	-
	Anti-puncture liquid	-	-	-	-	-	-	-	-	0	0
	Wheel tightening tool	-	-	-	-	-	-	-	-	0	0
<b>Miscellaneous</b>	Front wing extension	0	0	-	0	0	-	0	0	0	
	Rear wing extension (Flaps on MHs)	0	0	0	0	0	0	0	-	S	
	Special colour paint	0	0	0	0	0	0	0	0	0	
	Low temperature oil	0	0	0	0	0	0	0	0	0	

(1) Through an special deal. - (2) Depending of mast type - (3) Not available on 4 wheel drive version - (4) Only for 4-wheel drive models

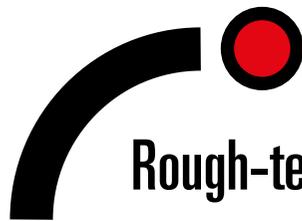
Specifications may vary according to the regulations in force in the country of use or with the addition of optional equipment. Manitou is constantly researching and developing new products and reserves the right to make any changes without prior warning.





## **The model you need!**

Choose from a range of 2.6 to 7 tonnes, with lifting heights up to 7 m.  
You also have a wide range of tyres and masts at your disposal.



# Rough-terrain



## **MH 20**

## **MH 25**

Capacity	kg (lbs)
Engine power 3B 3A	kW (HP)
Max. lifting height	m (ft)
Center of gravity	mm (ft)
Carriage class	
Dimensions (LxWxH)	m (ft)
Aisle width	m (ft)
Turning radius	m (ft)

2000 (4400)
48,6 (65) 36 (48)
7,0 (23'0)
500 (1'64)
FEM 2A
2,95 x 1,45 x 2,3 (9'7 x 4'8 x 7'5)
5,09 (16'7)
3,27 (10'7)

2500 (5500)
48,6 (65) 36 (48)
7,0 (23'0)
500 (1'64)
FEM 2A
2,95 x 1,45 x 2,3 (9'7 x 4'8 x 7'5)
5,09 (16'7)
3,27 (10'7)



MANITOU

4

CE



# All-terrain



## M 26

Capacity	kg (lbs)
Engine power 3B 3A (X version - R2)	kW (HP)
Max. lifting height	m (ft)
Center of gravity	mm (ft)
Carriage class	
Dimensions from (LxWxH)	m (ft)
Aisle width from	m (ft)
Turning radius from	m (ft)

2600 (5720)
55,5 (74,4) -
7,0 (23'0)
500 (1'64)
FEM 3A
3,49 x 1,9 x 2,73 (11'4 x 6'2 x 8'9)
5,2 (17'1)
3,49 (11'4)



## M 30

3000 (6600)
55,5 (74,4) 70 (93,9)
7,0 (23'0)
500 (1'64)
FEM 3A
3,49 x 1,9 x 2,73 (11'4 x 6'2 x 8'9)
5,2 (17'1)
3,49 (11'4)



## M 40

4000 (8800)
55,5 (74,4) -
6,0 (19'7)
600 (1'97)
FEM 3A
3,64 x 2,06 x 2,44 (11'9 x 6'8 x 8'0)
3,30 (10'8)

**M 50**

5000 (11000)
55,5 (74,4) 70 (93,9)
6,0 (19'7)
600 (1'97)
FEM 3A
3,76 x 2,06 x 2,86 (12'3 x 6'8 x 9'4)
3,40 (11'2)

**M 70**

7000 (15400)
55,5 (74,4) 70 (93,9)
4,5 (14'8)
600 (1'97)
FEM 4A
4,21 x 2,16 x 3,36 (13'8 x 7'1 x 11'0)
6,7 (21'8)
4,2 (13'8)







## **Manitou is here to help !**

So that you can benefit from an operational forklift all year long, Manitou offers a wide range of products and services that are suited to all your needs.  
Contact your dealer!



## Expertise and service on a daily basis

Your Manitou dealer can guarantee a complete range of services at all stages of your machine's life and is there to provide support and meet your needs, always looking to provide you with the best solution.

## 1 400 dealers at your service

The Manitou network is present in more than 120 countries, with over 2,000 expert technicians, specially trained in Manitou technology, who are at your service to assist with everything from purchasing to after-sales.



- **Dealer network**  
A network of experts at your service, whatever your activity (agriculture, construction, industry).
- **Maintenance contracts**  
3 levels of contracts which are tailored to your specific needs: Initial, Advanced, and Excellence. Leave maintenance to your Manitou dealer.
- **Financing**  
Buy or rent? Whatever your business, simplify your investment with financing or leasing solutions using Manitou Finance.
- **Warranty extension**  
With Maniplus, you can extend coverage on your Manitou for up to 5 years. Use your machine with full peace of mind.
- **The connected solution**  
Easy Manager is a simple and flexible tool for managing, optimizing and securing the operational monitoring of your machines.
- **Used**  
In the market for second-hand equipment? The Manitou network can help you. Visit your dealer or [used.manitou.com](http://used.manitou.com), our dedicated reference site for second-hand machines.
- **Genuine spare parts**  
With more than 70,000 parts available, your Manitou dealer never fails to give you expertise and service you need!

# REDUCE

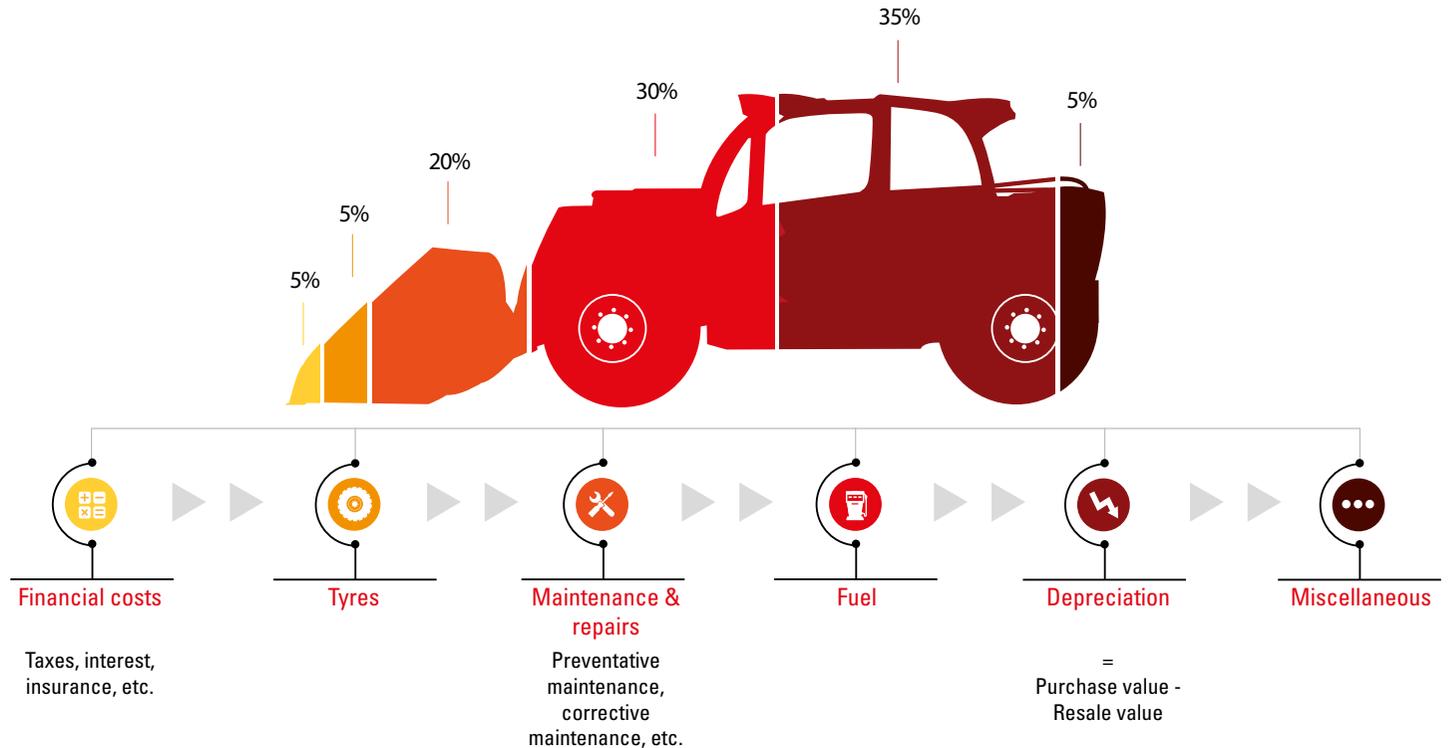
## The Manitou group's vision

The REDUCE approach aims to improve the work conditions for machine operators in keeping with better productivity and environmental protection. This means transparency regarding fuel consumption data, reducing emissions, raising awareness of total cost of ownership (TCO), and putting a greater emphasis on the health and safety of operators.

Do you know the real **cost of ownership** of your equipment?



Calculate your TCO on [tco.manitou.com](http://tco.manitou.com)



### What does TCO stand for?

The TCO is the total cost of ownership of an asset, more commonly known as the user cost. This indicator takes into consideration fixed costs (such as acquisition, interest, rent and residual value) and also variable costs linked to the use of your machine (such as maintenance and operator training).



Unlike the automobile sector, the handling machine sector does not yet have a standard rating system. We have therefore created a clear internal protocol enabling us to compare our machines' fuel consumption measurements. In order to provide you with clear, reliable and transparent information, this data has been verified by a recognised organisation.

We indicate the fuel consumption of our machines for the two principal activities for which the machine was designed, as well as the associated CO<sub>2</sub> emissions.

Our recommendations for use will guide you in reducing your fuel consumption and your carbon footprint.

We train our network and the operators of our equipment to reduce their fuel consumption with an eco-driving module.



Discover our online calculator, which enables you to personalise your cycle and estimate your consumption, CO<sub>2</sub> emissions and savings.

To raise awareness of fuel costs and CO<sub>2</sub> emissions, Manitou Group has created an eco-driving simulator.

REDUCE Fuel Eco-Program responsibly informs you on the fuel consumption and CO<sub>2</sub> emissions of our MLT and MT machines, as well as our platforms.



Calculate your fuel consumption on [reduce.manitou.com](http://reduce.manitou.com)

Your dealer :



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