



1050
Dealers
141
countries

Manitou is committed to reducing your total cost of ownership (TCO)

Throughout the project, we integrate your total cost of ownership in order to develop high-performance, robust and cost-optimized machines.

- **Quick and easy maintenance**
Service intervals and machine diagnostics are displayed on the dashboard display. Your dealer can help you very quickly.
- **Easy access to engine components for easy maintenance**
Reduced intervention time with simplified access to components and hydraulic elements (large opening of the engine bonnet, tilting cab...).
- **Optimised resale value**
The articulated loaders range brings you a high resale value thanks to its performance, quality and durability of its components.
- **A whole organisation at your service**
to support you in your business we are committed to maintaining your machines and hold a stock of spare parts available worldwide within 24 to 72 hours.

Your dealer is at your service and suggest you solutions with contracts and offers:

- **Warranty extension**
- **Maintenance and Financing contracts**
- **Rental offers**
- **Sales and second-hand sales offers**




“
As a landscape gardener, I need a manoeuvrable and compact machine to drive easily between the plants on various terrains. The Articulated loaders range meets my needs perfectly.”

Your dealer:

Scan and discover more information on manitou.com

MANITOU
HANDLING YOUR WORLD

This publication provides the description of the versions and configuration possibilities of Manitou products, which may differ in terms of equipment. The equipment presented in this brochure may be available as part of a series, available as an option, or not available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. The list of specifications is non-selective. The logo and visual identity of the company are the property of Manitou and cannot be used without authorisation. All rights are reserved. The photos and diagrams in this brochure are only provided for consultation and information purposes. Manitou BP SA - Limited company with board of directors. Share capital: 28,547,024 euros - 857 802 508 RCS Nantes

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RANGE
MLA
ARTICULATED LOADERS

MANITOU
HANDLING YOUR WORLD



Treat yourself to a pleasant workspace ...

Find many advantages offered by the Manitou brand with the MLA

- **360 ° Visibility**
Good clearance to the front and the sides of the machine provide 360 degree visibility of job surroundings and bystanders
- **Multi-function Joystick**
Controls nearly all loader hydraulic functions from one joystick, allowing the operator to keep one hand on the steering wheel for increased safety and efficiency.
- **Adjustable armrest**
The armrest is adjustable to allow you to sit comfortably in the driver's seat and operate the joystick with less fatigue.
- **Comfortable and adjustable seat**
A seven-way adjustable seat provides exceptional operator comfort. On the canopy models, a drain in the seat provides excellent drainage in wet conditions.
- **3-positions with the door**
Fully open, fully closed, or you can open the door 10cm in order to create a draft.



In option
Road lights
Working light
Front/rear

... that serves you in all circumstances

High performances

The articulated loader range allows you to work in various applications. The robust machine is designed to last.

Hydrostatic transmission

Enables you to adapt the travel speed up to 30 Km/h and to adapt the tractive effort according to the task. Choose the speed with a simple push directly from the joystick. Precision and tractive power: the hydrostatic transmission guarantees smooth handling.

Inching feature

This function combines low speed approach with fast hydraulic movements, perfect for bale stacking.

Vari Drive mode




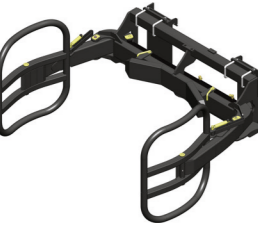
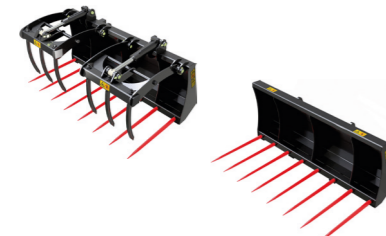
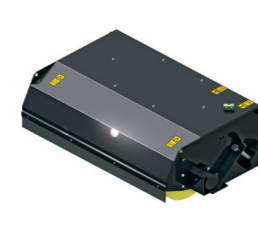
With the use of the accelerator pedal, the user can adjust his moving speed independently from the engine RPM set by the hand throttle.





A multifunction machine at your service in daily life

The wide variety of applications enables the Manitou Group to target very different markets. The articulated loader range offers much versatility with a wide range of attachments validated by the Group and adapted for your applications.

<p>Grain bucket</p> <p>Designed for all non-coherent materials with a density of less than 1000 kg/m³: grain, mineral feed, poultry manure etc.</p> 	<p>Godet 4 in 1</p> <p>Load, dig and push with one single attachment. Available with and without teeth</p> 	<p>Pallet Forks</p> <p>Universal pallet handling solution, complying with the FEM standard. It is equipped with a load backrest for better stability on the move.</p> 
<p>Wrapped bale clamp</p> <p>For handling both round and square bales, the perfect solution to move bales without film damage-hence ensuring optimal profitability.</p> 	<p>Farm forks and grabs</p> <p>Attachments dedicated to the handling of heavy, compact manure. Can also be used for silage pit preparation and occasional bale handling.</p> 	<p>Sweeper</p> <p>To keep your farm yard clean.</p> 

<p>3 ATTACHMENT CARRIAGES AVAILABLE</p> <p>Skid Steer carriage Euro carriage 4 points carriage</p>	<p>HYDRAULIC LOCKING</p> <p>The optional hydraulic lock allows a non-hydraulic attachment to be changed and secured without leaving the machine.</p>	<p>3 levels</p> <p>Classic/Premium on cab version only</p> <p>Essential on canopy version only</p>
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700 to 1880kg
Max. capacity

3.07m
Lifting height (Long arm)

25-48hp

A choice of 2 models
Cab or canopy-4 points

Transportable on a trailer*
* Except on the MLA 5-50 H
3500 Kg PTAC

2 VERSIONS FOR CONSTRUCTION MARKET

3-25 H-C
4-50 H-C

Short arms for these models

In the horizontal position, the weight is carried closer to the machine, which increases the lifting capacity.

Agriculture
Equestrian
Landscaping
Horticulture
Construction

A compact and manoeuvrable range with high performance !
to meet the needs of various applications
and users looking for powerful machines with the compactness and manoeuvrability combined with the flexibility of the range.

45°
ARTICULATION

The excellent turning radius optimises cycles times and enables the machine to work in the most confined spaces. No need for complicated manoeuvres, a turn of the wheel is all that is needed to pick up your load!



CANOPY cab- 4 points
360° visibility
and easy access

Easy access
The non-slip step allows for easy access to the operator station



OPTIONAL FRONT AND REAR LOCKING DIFFERENTIALS

Conveniently located on the Joystick, one button will activate the diff lock on all wheels for maximum tractive effort when pushing into a pile - ideal for all conditions.

The range All terrain

The chassis design, high ground clearance ensure excellent handling on off-road terrain and in all weather conditions.



ROPS FOPS CAB
Safety and comfort

Easy Maintenance
Bonnet opening at the rear of the machine

Mighty manoeuvres
Articulated steering brings a tight turning radius to speed up cycles time and increase maneuverability in tight areas

10 degree oscillation
Maintain full loads by keeping the tires in contact with uneven terrain.

All terrain ground clearance*
Between 32 and 33 cm according to the models
* Except the model: 2-25 H (15.3 cm)



Which transmission I can choose ?

In standard
20 km/h

Optional
Differential lock

Optional
30 km/h
Only for models

MLA 4-50 H/H-C
MLA 5-50 H

Full range of tyres to meet various applications



	MLA 2-25 H	MLA 3-25 H/H-C	MLA 4-50 H/H-C	MLA 5-50 H
Static tipping load with bucket (straight) (mm)	1015	1270/1450	1540/1765	1880
Dump reach - Full height (mm)	475	485/524	485/524	458
Overall Operating Height - Fully Raised (mm)	3535	3636/3253	3636/3253	3870
Environment norm / Engine brand	Stage V/ Perkins	Stage V/ Perkins	Stage V/ Perkins	Stage V/ Perkins
I.C. Engine power rating / Power (kW)	24.70/18.40	24.70/18.40	48/36	48/36
Transmission	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Unladen weight (with forks) with 4-post canopy (mm)	1740	2170/2100	2316/2246	2678
Overall length with bucket (mm)	3627	3458/3406	3583/3531	3792
Overall height with 4 posts canopy (mm)	2140	2258	2258	2290
Max. travel speed (may vary according to applicable regulations)	12	20	20/30*	20/30*

* 30 km/h : in option on the models MLA 4-50 H / H-C et MLA 5-50 H

Tire description	Total machine width [mm] + (reversed tyre dimension)			
	MLA2/AL2	MLA3/AL3	MLA4/AL4	MLA5/AL5
7.00-12 6PR, AS 504 TL	1040			
10.0/75-15.3 18PR, AS504 TL		1100 (1252)	1100 (1252)	
11,5/80-15.3 14PR, AS504 TL				1236
27x8.50-15 6PR, SK-02 TL	1040			
31X15.5-15 8PR, SK-02 TL		1364	1364	1394
10-16.5 10PR, SK-02 TL		1100 (1252)	1100 (1252)	1234 (1326)
26x12-12 10PR, TR315 TL	1225			
26x12-12 8PR, LG306 TL	1227			
31x15.5-15 8PR, LG306 TL		1371	1371	1401
27x10.5-15 8PR, SKID POWER HD TL	1113			
31x15.5-15 8PR, SKID POWER HD TL		1380	1380	1410
31X15.50-15 8PR, TR-06 TL		1350	1350	1380
15.0/55-17 10PR, TR-01 TL			1361	1435
10.0/75-15.3 18PR, MP 567, TL		1094 (1246)	1094 (1246)	1204
425/55R17 MPT 134G, AC70 G TL				1472
425/55 R17, A570 TL				1472