Technical sheet :

## MLA 7-75 H-Z





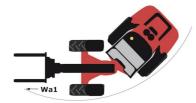
Max. lifting height (below forks)          Brakout force with bucket          Walght and dimensions          Unladen weight (with forks) with 4-post canopy          Unladen weight (with forks)          Wheelbase          Overall weight with forks          Overall height with forks removed and ROPS folded          Overall height with 4 posts canopy          Overall height with 4 posts canopy          Overall height with cabs          Overall height with cab          Overall height with cabs          Bright caps          Overall height w	Metric
<pre>state tipping load with bucket (full tum) fate: tipping load with bucket (straight) fate: tipping load with forks (straight) fate: tipping load with forks) fate: tipping load with forks fate: tipping load wi</pre>	3378 kg
table tipping load with forks (straight)         table tipping load with forks ((ull tum))         Kas. height of bucket pixot point         facs. Lifting height (below forks)         teakout force with bucket         Velph and dimensions         Inalden weight (with forks) with 4-post canopy         Inalden weight (with forks)         Wheelbase         Versell with of 4 posts canopy         Versell with 4 posts canopy         Versell height with A posts canopy <t< td=""><td>2621 kg</td></t<>	2621 kg
Static tipping load with forks (full tum)         dax. height of bucket pivot point         dax. height of bucket pivot point         Weight and dimensions         Weight and dimensions         Unladen weight (with forks) with 4-post canopy         Jindaen weight (with forks)         Wheelbase         Verall width forks)         Verall width of A posts canopy         Devail leight with FOPS removed and ROPS folded         Devail height with FOPS encoved and ROPS folded         Devail height with A posts canopy         Devail height A canopy (A posts canopy (A posts canopy (A posts c	2021 kg 2741 kg
Max. height of buckt pivot point       Image: pivot point         Max. Ifting height (below forks)       Image: pivot point         Max. Infing height (below forks)       Image: pivot point         Max. Buckt fore with bucket       Image: pivot point         Max. Buckt fore with bucket       Image: pivot point         Max. Buckt fore with point       Image: pivot point         Max. Buckt for the point of the po	2741 kg 2174 kg
Max. Irfting height (below forks)         Breakout force with bucket         Welght and dimensions         Juliaden weight (with forks) with 4-post canopy         Juliaden weight (with forks)         Wheelbase         Deverall ucht of 4 posts canopy         Doverall ucht of 4 posts canopy         Deverall height with FOPS removed and ROPS folded         Deverall height with cab         Tilt-up angle         Tilt-up angle         Tilt-up angle         Deverall height with cab         Tilt-up angle         Deverall height stuft a posts canopy         Deverall height with cab         Tilt-dow angle         Variall height with cab         Dire brand         Sound clearance         Sangine norm         Sunder Capacity of cylinders         C. Engine power rating / Power         Wax. torque / Engine rotation         Sangine colling system         Terasmission type         Wumber of existence         Differential lock         Parkuing brake         Vydraulic gars (forward / reverse)         Max. torque / Engine rotation         Sangine colling system         Terasmission type         Wumber of earies (forward / reverse) </td <td>h35 3.47 m</td>	h35 3.47 m
Breakout force with bucket       Image: Step Step Step Step Step Step Step Step	h3 3.28 m
Weight and dimensions       Initaden weight (with forks) with 4-post canopy         Jnladen weight (with forks) with 4-post canopy       Initaden weight (with forks)         Wheelbase       Initaden weight (with forks)         Wheelbase       Initaden weight (with forks)         Dverall with of 4 posts canopy       Initaden weight (with forBs removed and ROPS folded         Dverall height with 4 posts canopy       Initaden weight (with cab         Dverall height with 4 posts canopy       Initaden weight (with cab         Dverall height with 4 posts canopy       Initaden weight (with forBs removed and ROPS folded         Dverall height with 4 posts canopy       Initaden weight (with forBs)         Dverall height with 4 posts canopy       Initaden weight (with forBs)         Dverall height with 4 posts canopy       Initaden weight (with forBs)         Dverall height with 4 posts canopy       Initaden weight (with forBs)         Dverall height with 4 posts canopy       Initaden weight (with forBs)         Dverall height with 4 posts canopy       Initaden weight (with forBs)         Dverall height with 4 posts canopy       Initaden weight (with forBs)         Dverall height kith 4 posts canopy       Initaden weight (with forBs)         Dverall height kith 4 posts canopy       Initaden weight (with forBs)         Dverall height kith 4 posts canopy       Initaden weight (with forBs) </td <td></td>	
Jnladen weight (with forks) with 4-post canopy Jnladen weight (with forks) Wheelbase Overall keight with forks anopy Overall keight with forks canopy Overall keight with forks canopy Overall keight with forks canopy Overall keight with forks canopy Overall keight with a basts canopy Overall keight with can Tilk-down angle Anticulation angle Overall keight keiss bucket Overall keight keiss bucket Overall keight keiss bucket Overall keight - Less Bucket Stound clearance Engine nom Number of cylinders / Capacity of cylinders C. Engine power ating / Power Max. torque / Engine rotation Engine cooling system Tansmission Tansmission type Number of gears (forward / reverse) Max. tarel speed (may and according to applicable regulations) Tratevi speed (laden) Differential lock Parking bake Hydraulic gnup type Hydraulic gnup type Hydraulic system pressure High-Flow Option (//min) Drive hydraulic system pressure Hydraulic system pressure Hydraulic system pressure Hydraulic system pressure Hydraulic system pressure Hydraulic system pressure Hydraulic system pressure	5906 daN
Jaladen weight (with foks)       Image: Section Sectin Section Section Sectin Section Section Section Section Sectin S	4701 hr
Wheelbase	4781 kg
Dverall width of 4 posts canopy	4953 kg
Dverall cab width         Dverall height with FOPS removed and ROPS folded         Dverall height with 4 posts canopy         Dverall height with cab         III Houp angle         III Houp angle angle and III Houp angle angle angle a	y 2.06 m
Dverall height with FDPS removed and ROPS folded           Dverall height with 4 posts canopy           Articulation angle           Articulation angle           Dverall length - Less Bucket           Strond Clearance           Bingine form           Bingine form           Strond Clearance           Strond Clearance           Bingine form           C. Engline power rating / Power           Aax. torque / Engline rotation           Strond / Everse)           Aax. torque / Engline rotation           Iransmission type           Uumber of gears (forward / reverse)           Aax. travel speed (may vary according to applicable regulations)           Taravel speed (laden)           Differential lock           Variallic flow - Pressure           Hydraulic flow - Pressure           Hydraulic flow (l/min)           Drive hydraulic system pressure           Hydraulic foil	b22 1.28 m
Deverall height with 4 posts canopy         Image           Deverall height with cab         Image           Deverall height with cab         Image           Cill-to angle         Image           Articulation angle         Image           Deverall with less bucket         Image           Deverall length - Less Bucket         Image           Engine code         Image           Engine nom         Image           Mumber of cylinders / Capacity of cylinders         Image           C. Engine power rating / Power         Image           Gransmission type         Image           Max. tavel speed (may vary according to applicable regulations)         Image           Travel speed (laden)         Image           Ifferential lock         Image           Parking brake         Image           Hydraulic now type         Image           Hydraulic now - Pressure         Imagee </td <td>b4 1.28 m</td>	b4 1.28 m
Dverall height with cab         Intervention           Dverall height with cab         Intervention           Filt-down angle         Intervention           Anticulation angle         Intervention           Dverall with less bucket         Intervention           Dverall with less bucket         Intervention           Ground clearance         Intervention           Engine brand         Intervention           Engine norm         Intervention           Number of cylinders / Capacity of cylinders         Intervention           C. Engine power rating / Power         Intervention           Max. torque / Engine rotation         Intervention           Engine cooling system         Intervention           Vamber of gears (forward / reverse)         Intervention           Max. travel speed (laden)         Intervention           Differential lock         Intervention           Hydraulic pump type         Hydraulic flow - Pressure           Hydraulic flow - Pressure         Intervention           Hydraulic system pressure         Intervention	h36 1.99 m
Filtup angle       Init-down angle         Filtup angle       Init-down angle         Articulation angle       Init-down angle         Dverall width less bucket       Init-down angle         Dverall width less bucket       Init-down angle         Sound clearance       Init-down angle         Engine       Init-down angle         Sound clearance       Init-down angle         Engine nom       Init-down angle         Vumber of cylinders / Capacity of cylinders       Init-down angle         C. Engine power rating / Power       Init-down angle         Ax. torque / Engine rotation       Init-down angle         Engine cooling system       Init-down angle         Fransmission type       Init-down angle         Vumber of gears (forward / reverse)       Init-down angle         Max. travel speed (may any according to applicable regulations)       Init-down angle         Fravel speed (may any according to applicable regulations)       Init-down angle         Fravel speed (may any according to applicable regulations)       Init-down angle         Irider speed (laden)       Init-down angle	h38 2.48 m
Filtdown angle         Articulation angle         Overall width less bucket         Overall length - Less Bucket         Ground clearance         Engine         Engine brand         Engine model         Engine over rating / Power         Wax. torque / Engine rotation         Engine colling system         Transmission type         Number of gears (forward / reverse)         Max. travel speed (may vary according to applicable regulations)         Fravel speed (may vary according to applicable regulations)         Parking brake         Hydraulic pump type         Hydraulic system ressure         High-Flow Option (l/min)         Dirke hydraulic system ressure         High-Flow Option (l/min)	h17 2.48 m
Articulation angle Diverall width less bucket Di	a4 45 °
Dverall width ess bucket         Dverall length - Less Bucket         Ground clearance         Engine         Engine brand         Engine model         Engine norm         Number of cylinders / Capacity of cylinders         LC. Engine power rating / Power         Max. torque / Engine rotation         Engine cooling system         Transmission type         Number of gears (forward / reverse)         Max.tarque speed (mady any according to applicable regulations)         Travel speed (laden)         Differential lock         Parking brake         Hydraulic flow - Pressure         High-Flow Option (l/min)         Drive Mydraulic system pressure         Tank capacities	a5 45 °
Dverall length - Less Bucket         Ground clearance         Engine         Engine brand         Engine nomd         Number of cylinders / Capacity of cylinders         LC. Engine power rating / Power         Max. torque / Engine rotation         Enginesion         Transmission type         Number of gears (forward / reverse)         Max. travel speed (naden)         Differential lock         Parking brake         Hydraulic flow - Pressure         Hydraulic system pressure         Tigh-Flow Option (I/min)         Drive hydraulic oil	a19 45 °
Ground clearance         Engine         Engine brand         Engine model         Engine norm         Number of cylinders / Capacity of cylinders         LC. Engine power rating / Power         Max. torque / Engine rotation         Engine cooling system         framsmission         Transmission type         Number of gears (forward / reverse)         Max. travel speed (may vary according to applicable regulations)         Travel speed (laden)         Differential lock         Parking brake         Hydraulic flow - Pressure         High-Flow Option (I/min)         Dirive hydraulic system pressure         Tigh-Flow Option (I/min)         Dirive hydraulic oil	b1 1.74 m
Engine       Image: Section of Sectio	l2 4.44 m
Engine brand Engine model Engine model Engine norm Number of cylinders / Capacity of cylinders L.C. Engine power rating / Power Max. torque / Engine rotation Engine cooling system Transmission Transmission type Number of gears (forward / reverse) Max. travel speed (may vary according to applicable regulations) Travel speed (may vary according to applicable regulations) Travel speed (laden) Differential lock Parking brake Hydraulic pump type Hydraulic flow - Pressure High-Flow Option (l/min) Drive hydraulic system pressure Trank capacities Hydraulic oil	m4 0.31 m
Engine model Engine norm Number of cylinders / Capacity of cylinders L.C. Engine power rating / Power Max. torque / Engine rotation Engine cooling system Transmission Transmission type Number of gears (forward / reverse) Max. tarel speed (may vary according to applicable regulations) Travel speed (laden) Differential lock Parking brake Hydraulic spum type Hydraulic flow - Pressure High-Flow Option (l/min) Drive hydraulic system pressure Tank capacities Hydraulic oil	
Figure norm       Image: Section of Sectin of Section of Se	Deutz
Number of cylinders / Capacity of cylinders         LC. Engine power rating / Power         Max. torque / Engine rotation         Engine cooling system         Transmission         Transmission type         Number of gears (forward / reverse)         Max. travel speed (may vary according to applicable regulations)         Travel speed (laden)         Differential lock         Parking brake         Hydraulic         Hydraulic flow - Pressure         High-Flow Option (l/min)         Differentials         Dirve hydraulic system pressure         Tak capacities         Hydraulic oil	TD_3_6_L4
C. Engine power rating / Power         Max. torque / Engine rotation         Engine cooling system         Transmission         Transmission type         Number of gears (forward / reverse)         Max. travel speed (may vary according to applicable regulations)         Travel speed (laden)         Differential lock         Parking brake         Hydraulic flow - Pressure         High-Flow Option (I/min)         Dirferentials         Orive hydraulic system pressure         Tak capacities         Hydraulic oil	Stage IIIB, Stage V, Tier 4
Max. torque / Engine rotation Engine cooling system Transmission Transmission type Number of gears (forward / reverse) Max. travel speed (may vary according to applicable regulations) Travel speed (laden) Differential lock Parking brake Hydraulics Hydraulic flow - Pressure High-Flow Option (l/min) Difve hydraulic system pressure Trak capacities Hydraulic oil	4 - 3600 cm³
Engine coling system  Fransmission  Fransmission type  Vumber of gears (forward / reverse)  Vax. travel speed (may vary according to applicable regulations)  Fravel speed (laden)  Differential lock Parking brake  Hydraulics Hydraulic flow - Pressure High-Flow Option (I/min) Difve hydraulic system pressure Frank capacities Hydraulic oil	74.30 Hp / 55.40 kW
Transmission         Transmission type         Number of gears (forward / reverse)         Max. travel speed (may vary according to applicable regulations)         Travel speed (laden)         Differential lock         Parking brake         Hydraulics         Hydraulic flow - Pressure         High-Flow Option (I/min)         Dirfve hydraulic system pressure         Tak capacities         Hydraulic oil	330 Nm / 1600 rpm
Transmission type         Number of gears (forward / reverse)         Max. travel speed (may vary according to applicable regulations)         Travel speed (laden)         Differential lock         Parking brake         Hydraulics         Hydraulic flow - Pressure         High-Flow Option (l/min)         Dirferentials         Parketials         Hydraulic system pressure         Tak capacities         Hydraulic oil	2 radiators water + hydraulic o
Number of gears (forward / reverse)         Max. travel speed (may vary according to applicable regulations)         Travel speed (laden)         Differential lock         Parking brake         Hydraulics         Hydraulic flow - Pressure         High-Flow Option (l/min)         Dirfe hydraulic system pressure         Tank capacities         Hydraulic oil	
Vax. travel speed (may vary according to applicable regulations)       Image: Constant of the speed (laden)         Differential lock       Parking brake         Parking brake       Image: Constant of the speed (laden)         Hydraulics       Image: Constant of the speed (laden)         Hydraulic flow - Pressure       Image: Constant of the speed (laden)         High-Flow Option (l/min)       Image: Constant of the speed (laden)         Differential constant of the speed (laden)       Image: Constant of the speed (laden)         Hydraulic coil       Image: Constant of the speed (laden)	Hydrostatic
Travel speed (laden) Differential lock Parking brake Hydraulics Hydraulic flow - Pressure High-Flow Option (l/min) Drive hydraulic system pressure Tank capacities Hydraulic oil	2/2
Differential lock Parking brake Hydraulics Hydraulic flow - Pressure High-Flow Option (I/min) Drive hydraulic system pressure Tank capacities Hydraulic oil	30 km/h
Parking brake Hydraulics Hydraulic pump type Hydraulic flow - Pressure High-Flow Option (I/min) Drive hydraulic system pressure Tank capacities Hydraulic oil	20 km/h
Hydraulics         Hydraulic pump type         Hydraulic flow - Pressure         High-Flow Option (I/min)         Drive hydraulic system pressure         Tank capacities         Hydraulic oil	Front and rear locking of the mac
Hydraulic pump type Hydraulic flow - Pressure High-Flow Option (I/min) Drive hydraulic system pressure Tank capacities Hydraulic oil	Manual
Hydraulic flow - Pressure High-Flow Option (I/min) Drive hydraulic system pressure Tank capacities Hydraulic oil	
Hydraulic flow - Pressure High-Flow Option (I/min) Drive hydraulic system pressure Tank capacities Hydraulic oil	Gear pump
High-Flow Option (I/min) Drive hydraulic system pressure Tank capacities Hydraulic oil	70 I/min / 200 bar
Drive hydraulic system pressure Tank capacities Hydraulic oil	110 l/min
Tank capacities	380 bar
-Iydraulic oil	
	74
Fuel tank	102
Noise and vibration	
Vibration to whole hand/arm	< 2.50 m/s²
Miscellaneous	

## **Options / Finishing**

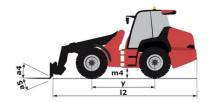
S : Standard / O : Optional / - : Not available

	Essential	Classic	Premium
Lifting function			
Attachment hydraulic line	S	S	S
Boom suspension	0	0	S
Hydraulic attachment locking	S	S	S
Operator station			
Adjustable and telescopic steering column	S	S	S
Air conditioning with manual adjustment		0	-
Air prefilter	S	S	S
Air suspension seat	-	0	S
Canopy	S	-	-
Closed cab with heating		S	S
Floor mat	S	S	S
Manual air conditioning		-	S
Mechanical cloth seat (KAB)	S	S	-
Tuner car radio (50 W)	· · ·	S	S
Motorization/Power			
Continuous flow hydraulics	S	S	S
Hand throttle	S	S	S
Speed control	0	0	S
Third speed	0	0	S
Lighting			
Complete road lighting	0	S	S
Flat Led Rotating Beacon	0	0	0
Front and rear LED work lights on cab (x4 : 2 front + 2 rear)	S/0**	0	S
Front and rear work lights on cab (x4)	S	S	-

## MLA 7-75 H-Z - Dimensional drawing









Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be 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. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes