Technical sheet:

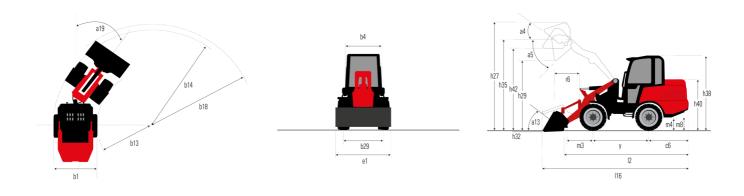
MLA 3-25 H-C





Static spoing load with funks (full turn) Weight and dimensions Unisiden weight (with feek) with 4 post canopy Unisiden weight (with feek) with 4 post canopy 10 y 1 1 0 weard load width 4 post canopy 10 sale with 4 post canopy 10 s		MLA 3-23 H-C Oreate	MLA 3-25 H-C Gleated Off May 3, 2024 at 9.31.00 AM OTC	
Salic sping load with Sucket (full sum) Salic sping load with focks (full	28		Metric	
Sable timping load with finats (armight) Sable timping load with (with fork) with 4-post cannopy Sable timping load with Sable timpin	ping load with bucket (straight)		1613 kg	
Safe to propor load with finats (full turn) 18	ping load with bucket (full tum)		1416 kg	
Max. height of blacket plott point Weight and dimensions Weight with 4 posts canopy Medical sea with posts canopy Medical se	ping load with forks (straight)		1208 kg	
World and animatoris	oing load with forks (full turn)		1061 kg	
World and animatoris	ght of bucket pivot point	h35	2488 mm	
Unider weight (with forks) with 4-post canopy				
Wheelbase y 10 Overall chight with 4 posts canopy 1838 2 Dump reach - Full height 66 6 Overall Caparting Height - Fully Raised 127 3 Anticolation angle 176 4 Overall leight with bucket 176 4 Overall eight with bucket 176 4 Overall eight - Less Bucket 172 3 Overall eight - Less Bucket 172 3 Overall eight - Less Bucket 172 3 Ouge leight - Less Bucket 172 3 Dump angle - Fully Raised 55 5 Dump Height - Fully Raised 48 4 Maximum Rollback Angle at Ground 18 3 Oliging Position 18 3 Ground Clearance 18 3 Ground Clearance Radius - Font with thouset 18 3 Clearance Radius - Font with Ducket 18 3 Clearance Radius - Font with Bucket 18 3 3 Clearance Radius - Font with Bucket Edge			2100 kg	
Denall cash width		V	1650 mm	
Denath Leight with 4 posts canopy 1838 29			991 mm	
Dump reach - Full height 16 1 1 1 1 1 1 1 1 1 1 1 1 1 3 <td></td> <td></td> <td>2258 mm</td>			2258 mm	
Hood Height			344 mm	
Overall Operating Height - Fully Raised h27 3 Anticulation angle a19 Overall Leight with bucket 116 4 Overall Idength - Leis Bucket 151 1 Overall Idength - Leis Bucket 12 3 Rear overhang 65			1405 mm	
Articulation angle Maximum cociliation angle Overall idengith with bucket Oireall idengith with bucket Oireall idengith with bucket Oireall idengith with bucket Oireall idengith - Less Bucket Be ar overlang Low pangle- Fully raised Dump angle- Fully raised Dump angle- Fully Raised Assimum Rollback Angle - Fully Raised Maximum Rollback Angle a Ground Angle angle Angle Angle a Ground Digging Postion Clearance Radius - Font with Bucket Clearance Radius - Less bu			3696 mm	
Maximum oscillation angle 116 4 Overall legith with bucket 16 4 Overall legith with bucket 12 3 Overall legith Less Bucket 12 3 Rear overhang c6 3 Dump Hagle Fully Raised 22 2 Maximum Rollback Angle at Ground a13 3 Digging Position h22 3 Clearance Radius - Front with Bucket b18 3 Clearance Radius - Less bucket b14 2 Clearance Radius - Less bucket degree Height b14 2 Clearance Radius - Less bucket Edge Height b14 2 Clearance Radius - Less bucket Edge Height b14 2 Clearance Radius - Less bucket Edge Height m8 3 Tead width (wheel center) b29 1 Hatchment Pivot Clearance m8 3 Height Tom ground to axie center m8 3 Bucket Width e1 1 Front Wheel Center Divot Tha e1 1 Height to Hinge Pin - Ful			45 °	
Overall length with bucket 116 4.4 Overall length Less Bucket 12 3 Rear overhang 66 3 Dump angle - Fully raised a5 3 Dump Height - Fully Raised 42 4 Maximum Rollback Angle - Fully Raised a13 3 Maximum Rollback Angle - Fully Raised a13 3 Maximum Rollback Angle - Fully Raised a4 4 Maximum Rollback Angle - Fully Raised a13 3 Ground Clearance m4 3 Clearance Radius - Font with Bucket b18 3 Clearance Radius - Less bucket b18 3 Clearance Radius - Less bucket b14 2 Clearance Radius - Less bucket b18 3 Clearance Radius - Less bucket b18 3 Tread width (Wheel center) b29 3 Attachment Pvot Clearance m8 3 Height from ground to asie center m8 3 Bucket Width e1 1 Engine brown m8 <td>•</td> <td>a17</td> <td>10 °</td>	•	a17	10 °	
Overall width less bucket 12 33 Overall length - Less Bucket 12 33 Bear overhang 66 6 Dump Aleight - Fully Raised h29 2 Maximum Rollback Angle - Fully Raised 44 44 Maximum Rollback Angle at Ground a13 50 Digging Position h32 50 Ground Elearance m4 5 Clearance Radius - Front will Bucket b18 3 Clearance Radius - Front will Bucket b18 3 Clearance Radius - Front will Bucket b14 2 Ground Plane to Bucket Edge Height h42 2 Ground Plane to Bucket Edge Height h42 2 Ground Plane to Bucket Edge Height h42 2 Frend Wheel Center of Victor Edge Height h42 2 Frend Wheel Center of Pivot Pin m8 3 Bucket Width e1 1 Engine Engin		116	4154 mm	
Overall length - Less Bucket 12 3 Rear overhang 66 6 Dump angle - Fully Raised 55 5 Dump Height - Fully Raised 44 44 Maximum Rollback Angle - Fully Raised a13 1 Maximum Rollback Angle - Ground a13 1 Digging Position m4 32 Ground Glearance m4 32 Clearance Radius - Front with Bucket b18 3 Clearance Radius - Less bucket b14 2 Ground Plane to Bucket Edge Height h42 2 Trada width (walked center) b29 1 Attachment Pivot Clearance m8 1 Height from ground to axie center m8 2 Bucket Width e1 1 Fornt Wheal Center to Pivot Pin m3 1 Height to Hinge Pin - Fully Raised 1 1 Engine model 2 2 Engine model 2 2 Engine power tasting / Power 2 2				
Rear overhang c6 Dunp angle - Fully raised a5 Dunp Height - Fully Raised h29 2 Maximum Rollback Angle - Fully Raised a4 4 Maximum Rollback Angle - Fully Raised a13 5 Ground clearance h32 5 Ground clearance m4 3 Clearance Radius - Less bucket b18 3 Ground Plane to Bucket Edge Height h42 2 Ground Plane to Bucket Edge Height h42 2 Tread width (wheel center) h29 1 Attachment Prott Clearance m8 3 Bucket Width m8 3 Bucket Width (wheel center) m8 3 Bucket Width (wheel Center to Pivot Pin m8 3 Bucket Width m9 2 Engine h28 2 Engine bucket Divide Pin - Fully Raised 6 2 Engine model 5 2 Engine model 5 5 Lo. Engine power raing / Power 5			1100 mm	
Dump angle - Fully raised a5 Dump Height - Fully Raised a4 Maximum Rollback Angle - Fully Raised a4 Maximum Rollback Angle - Fully Raised a13 Digging Position h32 Ground clearance m4 5 Clearance Radius - Front with Bucket b18 3 Clearance Radius - Less bucket b14 2 Ground Paner to Bucket Edge Height h42 2 Tread width (wheel center) h29 1 Attachment Pivot Clearance m8 3 Bucket Width e1 1 Bucket Width e1 1 Front Wheel Center to Pivot Pin m8 2 Bugine Dand h28 2 Engine Board h28 2 Engine Dand 5 2 Engine nom 8 4 Number of cylinders 5 4 Engine nord 9 4 Number of cylinders 5 5 Engine nord 6 5 <td></td> <td></td> <td>3458 mm</td>			3458 mm	
Dump Height - Fully Raised a4 Maximum Rollback Angle - Fully Raised a4 Maximum Rollback Angle - Fully Raised a5 Digging Position h32 Ground clearance m4 3 Clearance Radius - Front with Bucket b18 3 Clearance Radius - Front with Bucket b18 3 Ground Plane to Bucket Edge Height h42 2 Tread width (wheel center) h22 1 Attachment Pwot Clearance m8 3 Bucket Width e1 1 Fornt Wheel Center to Evot Pin m8 3 Height to Hinge Pin - Fully Raised h28 2 Engine Drad h28 2 Engine more h28 2 Engine power atting / Power 5 3 Lo. Engine power atting / Power 5 4 Max. torque / Engine rotation 5 5 Engine colling system 5 4 Transmission type 5 6 Number of Groward / reverse) 5 <td< td=""><td></td><td></td><td>995 mm</td></td<>			995 mm	
Maximum Rollback Angle - Fully Raised a13 Maximum Rollback Angle - Fully Raised a13 Maximum Rollback Angle at Ground h2 Ground clearance m4 3 Clearance Radius - Front with Bucket b18 3 Clearance Radius - Less bucket b18 3 Ground Plane to Bucket Edge Height h42 2 Tread with (wheel center) h29 5 Attachment Privot Clearance m8 5 Height from ground to axle center m8 5 Bucket Width e1 1 Front Wheel Center to Pivot Pin m3 6 Height to Hinge Pin - Fully Raised m3 6 Engine model m2 2 Engine promote of vilinders 5 2 Engine power rating / Power 5 24.70 Max. torque / Engine rotation 5 24.70 Engine power rating / Power 5 24.70 Max. torque / Engine rotation 5 6 Engine cooling system 6 6	•		39 °	
Maximum Rollback Angle at Ground a13 Digging Position h32 Clearance Radius - Front with Bucket b18 3 Clearance Radius - Less bucket b14 2 Ground Plane to Bucket Edge Height h42 2 Tread width (wheel center) b29 3 Attachment Pivot Clearance m8 3 Bucket Width e1 1 Front Wheel Center to Pivot Pin m3 4 Height from ground to ask center m8 2 Bucket Width e1 1 Front Wheel Center to Pivot Pin m3 4 Height for Migney Pin - Fully Raised h28 2 Engline h28 2 Engline brand b2 2 Engli			2126 mm	
Digging Position h32 Ground clearance m4 3 Clearance Radius - Less bucket b14 2 Ground Plane to Bucket Edge Height h42 2 Tread width (wheel center) h42 2 Attachment Pivor Clearance			50 °	
Gound clearance m4 1 Clearance Radius - Front with Bucket 518 3 Clearance Radius - Less bucket 514 2 Ground Plane to Bucket Edge Height 542 2 Tread width (wheel center) 529 3 Attachment Pivot Clearance 88 3 Height from gound to ake center m8 3 Bucket Width e1 1 Front Wheel Center to Pivot Pin m3 3 Height to Hinge Pin - Fully Raised 2 2 Engine 2 2 Engine model 5 3 3 Engine model 5 3 3 LC. Engine power rating / Power 5 3 3 LC. Engine power rating / Power 5 3 3 Engine cooling system 5 3 3 Tansmission type 5 4 3 Number of gens (foward / reverse) 5 5 6 Max. travel speed (may vary according to applicable regulations) 5			49 °	
Clearance Radius - Front with Bucket b18 3 Clearance Radius - Less bucket b14 2 Ground Plane to Bucket Edge Height h42 2 Tread width (wheel center) b29 3 Attachment Pivot Clearance m8 3 Height from ground to ak! center m8 3 Bucket Width m3 4 Front Wheel Center to Pivot Pin m3 4 Height to Hinge Pin - Fully Raised h28 2 Engine h28 2 Engine model			-79 mm	
Clearance Radius - Less bucket b14 2 Ground Plane to Bucket Edge Height h42 2 Tread width (wheel center) b29 3 Attachment Pivot Clearance "8 Height from ground to axle center m8 3 Bucket Width e1 1 Front Wheel Center to Pivot Pin m8 2 Height to Hinge Pin - Fully Raised h28 2 Engine b28 2 Engine brand b28 2 Engine model b2 2 Engine norm b2 24.70 Max. torque / Engine rotation 85 Nr Engine cooling system 85 Nr Engine cooling system 85 Nr Transmission type 85 Nr Max. torque / Engine rotation 85 Nr Engine coling system 85 Nr Hower of gears (forward / reverse) 85 Nr Max. toral system of t		m4	320 mm	
Ground Plane to Bucket Edge Height h42 2 Tread width (wheel center) b29 3 Attachment Pivot Clearance ************************************			3246 mm	
Tread width (wheel center) b29 1 Attachment Pivot Clearance	e Radius - Less bucket	b14	2767 mm	
Attachment Pivot Clearance m8	lane to Bucket Edge Height	h42	2655 mm	
Height from ground to axle center m8 1 Bucket Width e1 1 Front Wheel Center to Pivot Pin m3 1 Height to Hinge Pin – Fully Raised h28 2 Engline h28 2 Engline brand	Ith (wheel center)	b29	836 mm	
Bucket Width e1 1 Front Wheel Center to Pivot Pin m3 a Height to Hinge Pin – Fully Raised h28 2 Engine Center of Pivot Pin Center of Pivot Pin Engine brand Center of Pinder of Pinder of Pinders Center of Pinder of Pinder of Pinder of Pinders Center of Pinder of	ent Pivot Clearance		103 mm	
Front Wheel Center to Pivot Pin m3 1 degree of Pictor Pilly Raised h28 2 degree of Pictor Pilly Raised 3 degree of Pictor Pilly Raised 3 degree of Pictor Pilly Raised 4 degree of Pilly Raised 4 degree	om ground to axle center	m8	214 mm	
Height to Hinge Pin – Fully Raised h28 2 Engine Company	lidth	e1	1520 mm	
Engine Image: Company of Cylinders Image: Company of Cylinders of Cylinders Image: Company of Cylinders of Cylinders Image: Company of Cylinders of Cy	eel Center to Pivot Pin	m3	669 mm	
Engine model Engine nom Number of cylinders I.C. Engine power rating / Power Max. torque / Engine rotation Engine cooling system Transmission type Number of gears (forward / reverse) Max. tavel speed (may vary according to applicable regulations) Exprice to take Hydraulic pump type Hydraulic flow - Pressure Hydraulic flow - Pressure Hydraulic oil Trank capacities Hydraulic oil	Hinge Pin - Fully Raised	h28	2520 mm	
Engine model				
Engine norm Inc. Engine power rating / Power 24.70 graph Max. torque / Engine rotation 85 Nr. Engine cooling system 9 Transmission 9 Number of gears (forward / reverse) 14.70 graph Max. tavel speed (may vary according to applicable regulations) 9 Service brake Inc. Hydraulics 9 Hydraulic flow - Pressure 30 l/r High-Flow Option (I/min) 30 l/r Tank capacities 9 Hydraulic oil 6	rand		Perkins	
Number of cylinders 24.70 I.C. Engine power rating / Power 24.70 Max. torque / Engine rotation 85 Nr Engine cooling system 6 Transmission 6 Number of gears (forward / reverse) 14 Max. tavel speed (may vary according to applicable regulations) 6 Service brake Inc Hydraulics 6 Hydraulic flow - Pressure 30 l/r High-Flow Option (l/min) 30 l/r Tank capacities 4 Hydraulic oil 6	odel		403J-17	
I.C. Engine power rating / Power 24.70 Max. torque / Engine rotation 85 Nr Engine cooling system ————————————————————————————————————	om		Stage V	
Max. torque / Engine rotation 85 Not Engine cooling system 95 Transmission 195	of cylinders		3	
Engine cooling system Transmission Transmission type Number of gears (forward / reverse) Max. travel speed (may vary according to applicable regulations) Service brake Hydraulics Hydraulic pump type Hydraulic flow - Pressure High-Flow Option (I/min) Tank capacities Hydraulic oil	ne power rating / Power		24.70 Hp / 18.40 kW	
Transmission Image: Comparison type Image: Comparison type<	ue / Engine rotation		85 Nm / 1800 rpm	
Transmission type Number of gears (forward / reverse) Max. travel speed (may vary according to applicable regulations) Service brake Hydraulics Hydraulic pump type Hydraulic flow - Pressure High-Flow Option (I/min) Tank capacities Hydraulic oil	poling system		Water	
Number of gears (forward / reverse) Max. travel speed (may vary according to applicable regulations) Service brake Hydraulics Hydraulic pump type Hydraulic flow - Pressure High-Flow Option (I/min) Tank capacities Hydraulic oil	sion			
Number of gears (forward / reverse) Max. travel speed (may vary according to applicable regulations) Service brake Hydraulics Hydraulic pump type Hydraulic flow - Pressure High-Flow Option (I/min) Tank capacities Hydraulic oil	sion type		Hydrostatic	
Max. travel speed (may vary according to applicable regulations) 3 Service brake Inc Hydraulics 6 Hydraulic pump type 6 Hydraulic flow - Pressure 30 l/r High-Flow Option (l/min) 3 Tank capacities 9 Hydraulic oil 3			2/2	
Service brake Inc. Hydraulics Inc. Hydraulic pump type G Hydraulic flow - Pressure 30 l/r High-Flow Option (I/min) 30 l/r Tank capacities 9 Hydraulic oil 6			20 km/h	
HydraulicsSecond to the part of the part			Inching Brake	
Hydraulic pump typeGHydraulic flow - Pressure30 l/rHigh-Flow Option (l/min)3Tank capacitiesHydraulic oil5				
Hydraulic flow - Pressure High-Flow Option (I/min) Tank capacities Hydraulic oil			Gear pump	
High-Flow Option (I/min) Tank capacities Hydraulic oil			30 l/min / 207 bar	
Tank capacities Hydraulic oil			30 l/min	
Hydraulic oil	• • •		55 y.mii	
			24	
Fuel tank			351	

MLA 3-25 H-C - 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