

Manitou MH 25-4T Buggie

Equipment Type	Rough Terrain Forklifts
Manufacturer	Manitou
GTH Rating	★★★★★
Document Creation	4th of December 2014



Summary

Manitou MH 25-4T rough terrain forklift available for hire providing a lift capacity of 2500 kg, a lifting height of 3.74 m and a travelling speed of 14 km/h.

Description

Manitou MH 25-4T rough terrain forklift (4WD) available for hire. This diesel powered Manitou rough terrain forklift features 4 wheel drive rough terrain capability. With an overall height of 1.99 metres, a width of 1.45 meters weighing in at 4350 kilograms. The Manitou MH 25-4T rough terrain forklift features a Kubota 44 kw diesel engine capable of travelling up to speeds of 14 km/h. Capable of lifting 2500 kg, this rough terrain forklift suits the Agriculture, Construction, Defence, Events, Heavy Industry, Landscaping, Materials Handling, Mining, Transportation industries.

GTH Equipment provides only highly maintained and rental ready equipment. Our pro-active safety systems for our fleet ensures GTH Equipment and our customers comply with current WHS regulations making it easy for the operators to complete their WHS requirements.



Manitou MH 25-4T Buggie

Specifications

Product Details

Manufacturer	Manitou
Model	MH 25-4T Buggie
Model Series	K
Industrial Application	Agriculture, Construction, Defence, Events, Heavy Industry, Landscaping, Materials Handling, Mining, Transportation
Power Source	Diesel
Warranty	10% Price Guarantee
Country of Manufacture	France

Operating Limits

Maximum Rated Capacity (kg)	2500
Maximum Lift Height at Forks (m)	3.74
Rated Capacity at Maximum Lift Height (kg)	1800
Maximum Drive Speed Stowed (km/h)	14
Mast Tilt Forward (deg)	10
Mast Tilt Backward (deg)	12

Operating Environments

Incline Gradability Loaded (deg)	27
Incline Gradability Unloaded (deg)	26
Sound Pressure in Cabin (dBA)	81
Minimum Operating Temperature (C)	Not Available
Maximum Operating Temperature (C)	Not Available

Dimensions

Height Stowed (m)	1.990
Width Stowed (m)	1.45
Track (m)	1.160
Fork Carriage Width (m)	1.260
Wheelbase Axle to Axle (m)	1.800
Length from Rear to Front of Carriage (m)	2.945
Ground Clearance (m)	0.260
Mast Height Raised (m)	4.469
Mast Height Lowered (m)	1.945
Distance from Fork Face to Centre of Front Axle (mm)	0.265
Mast Free Lift (m)	1.216
Mast Ground Clearance (m)	0.270
Fork Size (W x H x L) (mm)	100 x 40 x 1100
Maximum Space Between Forks (m)	1.060
Load Centre of Gravity (mm)	600
Obstruction Angle (deg)	49.5
Departure Angle (deg)	44

Weights

Unit Weight (kg)	4350
Occupied Floor Pressure (kg/m²)	Not Available
Worst Case Static Wheel Pressure (psi)	Not Available
Worst Case Static Wheel Load (kg)	Not Available
Loaded Front Axle Load (kg)	5.812
Loaded Rear Axle Load (kg)	0.948
Unloaded Front Axle Load (kg)	1.750
Unloaded Rear Axle Load (kg)	2.510

Safety Features

ROPS Certified Cabin	Yes
FOPS Certified Cabin	Yes
Front Windscreen Protection Guard	No

Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate manufacturers operator's manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's manual when using the equipment or to otherwise act irresponsibly may result in serious injury or death. This equipment is covered under the manufacturer's standard written factory warranty conditions. No other warranties are expressed or implied. Copyright © 2014 GTH Equipment.

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Rotating Beacon	Yes
Horn	Yes
Alarm Reverse Warning	Yes

Optional Extras

Exterior Work Lights	Yes
Work Platform Compatible	Yes
Level 1 Mine Spec	Yes
Level 2 Mine Spec	Yes
Construction Pack	Yes
Conditional Registration	Yes

Fluid Capacities

Diesel (LTRS)	73.5
Engine Oil (LTRS)	9.5
Coolant (LTRS)	10
Hydraulic Oil (LTRS)	95

Drive Components

Engine Manufacturer	Kubota
Engine Model	V2403-M-T-E3B
Engine Power (kw)	44
Drive Type	4 Wheel Drive
Transmission Manufacturer	Rexroth
Transmission Type	Hydrostatic
Steering Type	Hydraulic
Steering Modes	Rear Wheel Steer
Parking Brake	Electric Brakes
Axle Manufacturer	Not Available

Hydraulic System

Lowering Mast Speed Loaded (m/s)	0.5
Lowering Mast Speed Unloaded (m/s)	0.6
Raising Mast Speed Loaded (m/s)	0.6
Raising Mast Speed Unloaded (m/s)	0.6
Hydraulic System Maximum Pressure (bar)	125
Hydraulic Valve Manufacturer	Not Available

Maximum Hydraulic Pump Flow (L/min)	77
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Tyres

Tyre Types	Pneumatic
Tyre Manufacturer	Not Available
Front Wheel Size (mm)	280/80 R20 XMCL
Rear Wheel Size (mm)	27.10-12 IC 30 14 PR

Lighting and Electrical

Electrical Circuit (V)	12
Battery (Ah)	Not Available
Full Road Lighting and Blinker Kit	Yes
Manual Battery Isolater	Not Available

Maintenance Documentation (Manufacturer Supplied)

Manual supplied for Operators (PDF)	No
Manual supplied for Spare Parts (PDF)	No
Manual supplied for Service/Workshop (PDF)	No
Schematic Diagram for Electrical System (PDF)	No
Schematic Diagram for Hydraulic System (PDF)	No
Preventative Maintenance Schedule Supplied	No
Preventative Maintenance Schedule Supplied with Cost Forecast	No
Plant Risk Assessment Model Specific (PDF)	No
Service Bulletins and Upgrades available	No
Service Bulletins and Upgrades available online	No

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Specifications

Third Party Compliance Documentation (Manufacturer Supplied)

Declaration of Conformity for ROPS Compliance to ISO3471	No
Declaration of Conformity for FOPS Compliance to ISO3449	No
Declaration of Conformity to Low Engine Emissions EU Directive	No
Noise Emissions Report	No

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