Technical sheet:

MT 420 H

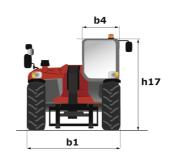




	мт 420 н Created on August 21, 2025 at 6:28 P
Capacities	Metric
Max. capacity	2000 kg
Max. lifting height	4.35 m
Maximum outreach	2.65 m
Breakout force with bucket	1886 daN
Weight and dimensions	1000 0011
Overall length to carriage	I11 3.64 m
Length to face of forks	12 3.58 m
Overall width	b1 1.49 m
Overall height	h17 1.97 m
•	
Wheelbase	y 2.13 m
Ground clearance	m4 0.24 m
Overall cab width	b4 0.80 m
Tilt-up angle	a4 12 °
Tilt-down angle	a5 116°
External turning radius (over tyres)	Wa1 2.98 m
Unladen weight (with forks)	4190 kg
Overall weight	4260 kg
Tires type	Inflatable
Forks length / width / section	I / e / s 1200 mm x 125 mm x 45 mm
Performances	
Lifting	5 s
Lowering	3.50 s
Extension	4.80 s
Retraction	3 s
Crowd	3.30 s
Dump	2.70 s
Engine	2.700
Engine brand	Kubota
Engine norm	Stage V
	2607-CR-E5
Engine model	4 - 2615 cm ³
Number of cylinders / Capacity of cylinders	
I.C. Engine power rating - Power	57 Hp / 42 kW
Max. torque / Engine rotation	174 Nm @ 1600 rpm
Drawbar pull (Laden)	2850 daN
Transmission	
Transmission type	Hydrostatic
Number of gears (forward / reverse)	2/2
Max. travel speed	24.90 km/h
Max. travel speed (may vary according to applicable regulations)	24.90 km/h
Parking brake	Automatic Negative Hand-brake
Service brake	Disk brake on the cadran shaft
Hydraulics	
Hydraulic pump type	Gear pump
Hydraulic flow / Pressure	77.40 l/min-235 bar
Tank capacities	
Engine oil	10.20
Hydraulic oil	701
Hydraulic tank capacity	10.20 l
Fuel tank	601
Noise and vibration	77.10
Noise at driving position (LpA)	76 dB
Noise to environment (LwA)	104 dB
Vibration on hands/arms	< 2.50 m/s²
Miscellaneous	
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2/2
Safety / Cab certification	Standard EN 15000 / ROPS - FOPS cab (leve
Controls	JSM

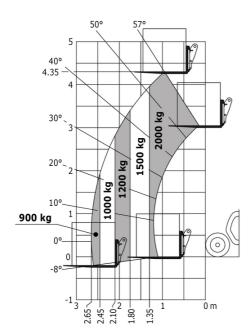
MT 420 H - Dimensional drawing





MT 420 H - Load chart

Machine on tires with forks Metric







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