Technical sheet:

MT 420 H

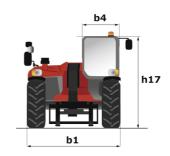




	MT 420 H Created on 20 April 2024 at 00.26.58
Capacities	Metric
Max. capacity	2000 kg
Max. lifting height	4.35 m
Max. outreach	2.65 m
Breakout force with bucket	1886 daN
Veight and dimensions	
Overall length to carriage	l11 3.64 m
ength to face of forks	12 3.58 m
Overall width	b1 1.49 m
Overall height	h17 1.97 m
Vheelbase	y 2.13 m
Ground clearance	m4 0.24 m
Overall cab width	b4 0.80 m
Filt-up angle	
Filt-down angle	a5 116°
external turning radius (over tyres)	Wa1 2.98 m
Inladen weight (with forks)	4190 kg
Overall weight 	4260 kg
Fires type	Pneumatic 1000 1007
orks length / width / section	l / e / s 1200 mm x 125 mm / 45 mm
Performances	
ifting	5 s
owering	3.50 s
extension	4.80 s
Retraction	3 s
Crowd	3.30 s
Dump	2.70 s
Engine	
Engine brand	Kubota
Engine norm	Stage V
Engine model	2607-CR-E5
Number of cylinders / Capacity of cylinders	4 - 2615 cm³
.C. Engine power rating - Power	57 Hp / 42 kW
Max. torque / Engine rotation	174 Nm @ 1600 rpm
Orawbar pull (Laden)	2850 daN
Transmission	
Fransmission type	Hydrostatic
lumber of gears (forward / reverse)	2/2
Max. travel speed	24.90 km/h
Parking brake	Automatic Negative Hand-brake
Service brake	Disk brake on the cadran shaft
lydraulics	
lydraulic pump type	Gear pump
lydraulic flow / Pressure	77.40 l/min-235 bar
ank capacities	
ingine oil	10.20
lydraulic oil	701
Fuel tank	601
loise and vibration	001
loise at driving position (LpA)	76 dB
loise to environment (LwA)	70 UB 104 dB
fibration on hands/arms	< 2.50 m/s ²
	< 2.50 m/s²
Miscellaneous	0.10
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2/2
Safety / Safety cab homologation	Standard EN 15000 / ROPS - FOPS level 1 cab

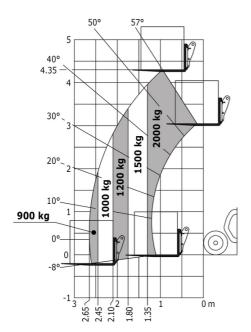
MT 420 H - Dimensional drawing





MT 420 H - Load chart

Machine on tyres 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