Technical sheet:

MT 420 H

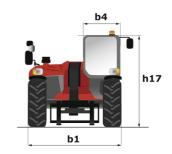




	MT 420 H Created on May 2, 2024 at 4:19:03 AM
Capacities	Metric
Max. capacity	2000 kg
Max. lifting height	4.35 m
Max. outreach	2.65 m
Breakout force with bucket	1886 daN
Veight and dimensions	
Overall length to carriage	I11 3.64 m
ength to face of forks	12 3.58 m
Overall width	b1 1.49 m
Overall height	h17 1.97 m
Vheelbase	
Ground clearance	·
Overall cab width	b4 0.80 m
ïlt-up angle	a4 12 °
ïlt-down angle	a5 116°
xtemal turning radius (over tyres)	Wa1 2.98 m
Inladen weight (with forks)	4190 kg
verall weight	4260 kg
ires type	Pneumatic
orks length / width / section	I / e / s 1200 mm x 125 mm / 45 mm
erformances	
ifting	5 s
owering	3.50 s
xtension	4.80 s
etraction	3 s
rowd	3.30 s
ump	2.70 s
ingine	
ingine brand	Kubota
ingine norm	Stage V
ingine model	2607-CR-E5
lumber of cylinders / Capacity of cylinders	4 - 2615 cm ³
C. Engine power rating - Power	57 Hp / 42 kW
Max. torque / Engine rotation	174 Nm @ 1600 rpm
Orawbar pull (Laden)	2850 daN
ransmission	
ransmission type	Hydrostatic
lumber of gears (forward / reverse)	2/2
fax. travel speed	24.90 km/h
arking brake	Automatic Negative Hand-brake
ervice brake	Disk brake on the cadran shaft
lydraulics	
lydraulic pump type	Gear pump
lydraulic flow / Pressure	77.40 l/min-235 bar
ank capacities	
ngine oil	10.20 l
lydraulic oil	70 I
uel tank	60
oise and vibration	
oise at driving position (LpA)	76 dB
loise to environment (LwA)	104 dB
ibration on hands/arms	< 2.50 m/s ²
discellaneous	× 2.00 III/5°
	2/2
teering wheels (front / rear)	
Orive wheels (front / rear)	2/2
Safety / Safety cab homologation	Standard EN 15000 / ROPS - FOPS level 1 cal

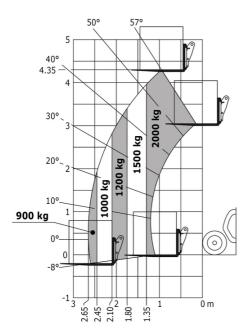
MT 420 H - Dimensional drawing





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