Technical sheet :



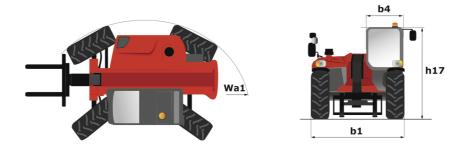




Capacities		Metric	Imperial
Max. capacity		2000 kg	4409 lb
Max. lifting height		4.35 m	14 ft 3 in
Max. outreach		2.65 m	8 ft 8 in
Breakout force with bucket		1886 daN	1886 daN
Veight and dimensions			
Overall length to carriage	11	3.64 m	11 ft 11 in
ength to face of forks	12	3.58 m	11 ft 9 in
Overall width	b1	1.49 m	4 ft 11 in
)verall height	h17	1.97 m	6 ft 6 in
Vheelbase	у	2.13 m	7 ft
round clearance	m4	0.24 m	9 in
Verall cab width	b4	0.80 m	2 ft 7 in
ilt-up angle	a4	12 °	12 °
ïlt-down angle	a5	116 °	116 °
xternal turning radius (over tyres)	Wa1	2.98 m	9 ft 9 in
nladen weight (with forks)		4190 kg	9237 lb
verall weight		4260 kg	9392 lb
ires type		Pneumatic	Pneumatic
orks length / width / section	l / e / s	1200 mm x 125 mm / 45 mm	47 in x 5 in / 2 in
erformances			
ifting		5 s	5 s
owering		3.50 s	3.50 s
xtension		4.80 s	4.80 s
etraction		3 s	3 s
Crowd		3.30 s	3.30 s
Jump		2.70 s	2.70 s
Engine			
ingine brand		Kubota	Kubota
ingine norm		Stage V	Stage V
ingine model		2607-CR-E5	2607-CR-E5
lumber of cylinders / Capacity of cylinders		4 - 2615 cm ³	4 - 160 in ³
C. Engine power rating - Power		57 Hp / 42 kW	57 Hp / 42 kW
Max. torque / Engine rotation		174 Nm @ 1600 rpm	128 ft/lbs @ 1600 rpm
Drawbar pull (Laden)		2850 daN	2850 daN
Transmission			
Fransmission type		Hydrostatic	Hydrostatic
lumber of gears (forward / reverse)		2 / 2	2 / 2
Aax. travel speed		24.90 km/h	15 mph
Parking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
ervice brake		Disk brake on the cadran shaft	Disk brake on the cadran shaft
lydraulics			
lydraulic pump type		Gear pump	Gear pump
lydraulic flow / Pressure		77.40 l/min-235 bar	20 US gpm-3408 PSI
ank capacities			
ingine oil		10.20	3 US gal
lydraulic oil		70	18 US gal
uel tank		60 l	16 US gal
loise and vibration			
loise at driving position (LpA)		76 dB	76 dB
loise to environment (LwA)		104 dB	104 dB
/ibration on hands/arms		< 2.50 m/s ²	< 2.50 m/s ²
<i>A</i> iscellaneous			
Steering wheels (front / rear)		2/2	2/2
Drive wheels (front / rear)		2/2	2/2
Safety / Safety cab homologation		Standard EN 15000 / ROPS - FOPS level 1 cab	Standard EN 15000 / ROPS - FOPS level 1 cat
Controls		JSM	JSM

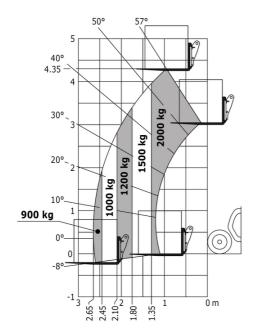
мт 420 н Created on April 25, 2024 at 8:23:40 AM UTC

MT 420 H - Dimensional drawing

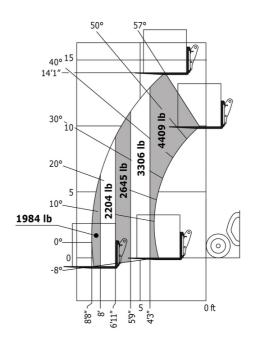


MT 420 H - Load chart

Machine on tyres with forks Metric



Machine on tyres with forks Imperial





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