Technical sheet:

MT 420 H

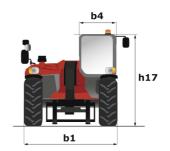




		MT 420 H U	eated on April 26, 2024 at 10:23:10 AM L
Capacities		Metric	Imperial
Max. capacity		2000 kg	4409 lb
Max. lifting height		4.35 m	14 ft 3 in
Max. outreach		2.65 m	8 ft 8 in
Breakout force with bucket		1886 daN	1886 daN
Weight and dimensions			
Overall length to carriage	l11	3.64 m	11 ft 11 in
Length to face of forks	12	3.58 m	11 ft 9 in
Overall width	b1	1.49 m	4 ft 11 in
Overall height	h17	1.97 m	6 ft 6 in
Wheelbase	у	2.13 m	7 ft
Ground clearance	m4	0.24 m	9 in
Overall cab width	b4	0.80 m	2 ft 7 in
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	116 °	116 °
External turning radius (over tyres)	Wa1	2.98 m	9 ft 9 in
Unladen weight (with forks)		4190 kg	9237 lb
Overall weight		4260 kg	9392 lb
Tires type		Pneumatic	Pneumatic
Forks length / width / section	I/e/s	1200 mm x 125 mm / 45 mm	47 in x 5 in / 2 in
Performances	1, 0, 0	1250 mm x 120 mm y 10 mm	17 III X 0 III / 2 III
Lifting		5 s	5 s
Lowering		3.50 s	3.50 s
Extension		4.80 s	4.80 s
Retraction		3 s	3 s
Crowd		3.30 s	3.30 s
Dump		2.70 s	2.70 s
Engine		2.70 3	2.70 3
Engine brand		Kubota	Kubota
Engine norm		Stage V	Stage V
Engine model		2607-CR-E5	2607-CR-E5
Number of cylinders / Capacity of cylinders		4 - 2615 cm³	4 - 160 in ³
I.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		2000 0011	2000 dailt
Transmission type		Hydrostatic	Hydrostatic
Number of gears (forward / reverse)		2 / 2	2 / 2
Max. travel speed		24.90 km/h	15 mph
Parking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
Service brake		Disk brake on the cadran shaft	Disk brake on the cadran shaft
Hydraulics		Disk stake on the edular share	Disk blake on the dudian share
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow / Pressure		77.40 I/min-235 bar	20 US gpm-3408 PSI
Tank capacities		77.40 ijilili 200 bul	25 00 урт 0400 гог
Engine oil		10.20 l	3 US gal
Hydraulic oil		70 I	18 US gal
Fuel tank		60	16 US gal
Noise and vibration		001	10 00 gai
Noise at driving position (LpA)		76 dB	76 dB
Noise to environment (LWA)		70 dB 104 dB	104 dB
vibration on hands/arms		< 2.50 m/s ²	< 2.50 m/s ²
Vibration on nands/arms Miscellaneous		< 2.50 III/S*	< 2.50 III/8°
		2/2	2.12
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 cab
Controls		JSM	JSM

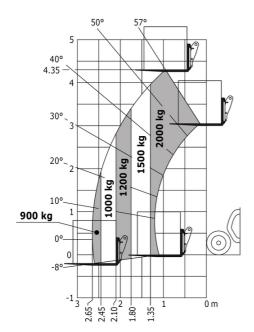
MT 420 H - Dimensional drawing



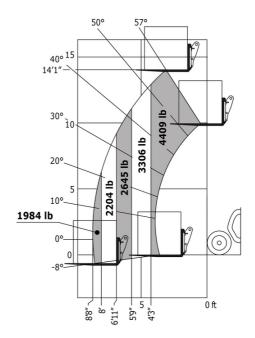


MT 420 H - Load chart

Machine on tyres with forks Metric



Machine on tyres with forks Imperial







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