Technical sheet:

MT 420 H

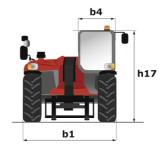




Consolition	Mark.	lease de l
Capacities	Metric	Imperial
Max. capacity	2000 kg	4409 lb
Max. lifting height	4.35 m	14 ft 3 in
Max. outreach	2.65 m	8 ft 8 in
Breakout force with bucket	1886 daN	1886 daN
Weight and dimensions		
Overall length to carriage		11 ft 11 in
Length to face of forks 12		11 ft 9 in
Overall width b1		4 ft 11 in
Overall height h17	7 1.97 m	6 ft 6 in
Wheelbase	2.13 m	7 ft
Ground clearance m4	4 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	i 116 °	116 °
External turning radius (over tyres) Wa	1 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 /		47 in x 5 in / 2 in
Performances		
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	2.703
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 cm ³	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	Hodos As Ka	Hada static
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		
Hydraulic pump type	Gear pump	Gear pump
Hydraulic flow / Pressure	77.40 l/min-235 bar	20 US gpm-3408 PSI
Tank capacities		
Engine oil	10.20 l	3 US gal
Hydraulic oil	70 I	18 US gal
Fuel tank	60 I	16 US gal
Noise and vibration		
Noise at driving position (LpA)	76 dB	76 dB
		104 dB
Noise to environment (LwA)	104 dB	.0.45
• • •	104 dB < 2.50 m/s²	< 2.50 m/s²
Vibration on hands/arms		
Vibration on hands/arms Miscellaneous		< 2.50 m/s ²
Vibration on hands/arms Miscellaneous Steering wheels (front / rear)	< 2.50 m/s² 2 / 2	< 2.50 m/s ²
Noise to environment (LwA) Vibration on hands/arms Miscellaneous Steering wheels (front / rear) Drive wheels (front / rear) Safety / Safety cab homologation	< 2.50 m/s²	< 2.50 m/s ²

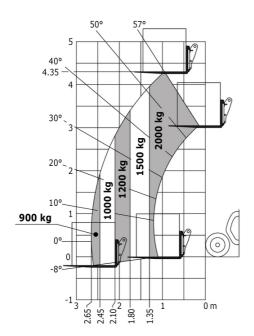
MT 420 H - Dimensional drawing



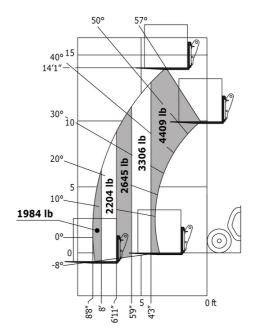


MT 420 H - Load chart

Machine on tyres with forks Metric



Machine on tyres with forks Imperial







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