

Technical sheet :

MLT 420-60 H



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Imperial
Max. capacity	Q	4409 lb
Max. lifting height	h3	14 ft 3 in
Max. outreach		8 ft 8 in
Reach at max. height		3 ft 3 in
Breakout force with bucket		1886 daN
Weight and dimensions		
Unladen weight (with forks)		9237 lb
Ground clearance	m4	10 in
Wheelbase	y	7 ft
Overall length to carriage (with hitch)	l11	11 ft 11 in
Overall length to carriage (without hitch)	l3	11 ft 11 in
Front overhang		3 ft 5 in
Overall width	b1	4 ft 11 in
Overall cab width	b4	2 ft 7 in
Overall height	h17	6 ft 5 in
Tilt-down angle	a5	116 °
Tilt-up angle	a4	12 °
External turning radius (over tyres)	Wa1	10 ft
Standard tires		CAMSO - SKS532 - 12-16.5 145A2
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2
Performances		
Lifting		5 s
Lowering		3.50 s
Extension		4.80 s
Retraction		3 s
Crowd		3.30 s
Dump		2.70 s
Engine		
Engine brand		Kubota
Engine nom		Stage V
Engine model		V2607-CR-E5B
Number of cylinders - Capacity of cylinders		4 - 160 in ³
I.C. Engine power rating / Power		57 Hp / 42 kW
Max. torque / Engine rotation		128 ft/lbs @1600 rpm
Drawbar pull (Laden)		2850 daN
Reversible fan		Standard
Engine cooling system		2 radiators water + hydraulic oil
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Max. travel speed (may vary according to applicable regulations)		16 mph
Differential lock		Limited slip differential on front axle
Parking brake		Automatic negative parking brake
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow - Pressure		20 US gpm - 3408 PSI
Tank capacities		
Fuel tank		16 US gal
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 nom		76 dB
Noise to environment (LwA)		104 dB
Vibration on hands/arms		< 2.50 m/s ²
Miscellaneous		
Tractor homologation		
Safety cab homologation		ROPS - FOPS cab (level 1)
Controls		JSM

Optional tires tab

Optional tires tab

ALLIANCE - A550 - 305/70 R16.5 141A5

TRELLEBORG - TH400 - 11LR16 130A8

Overall height

6 ft 5 in

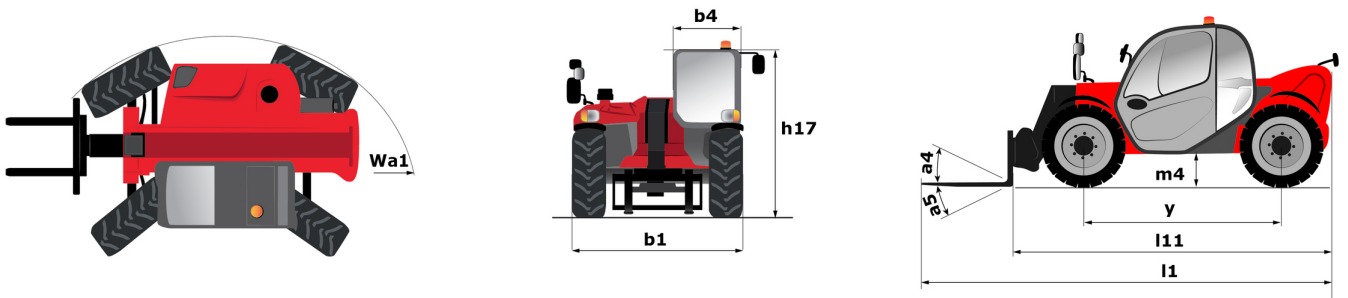
6 ft 6 in

Overall width

4 ft 10 in

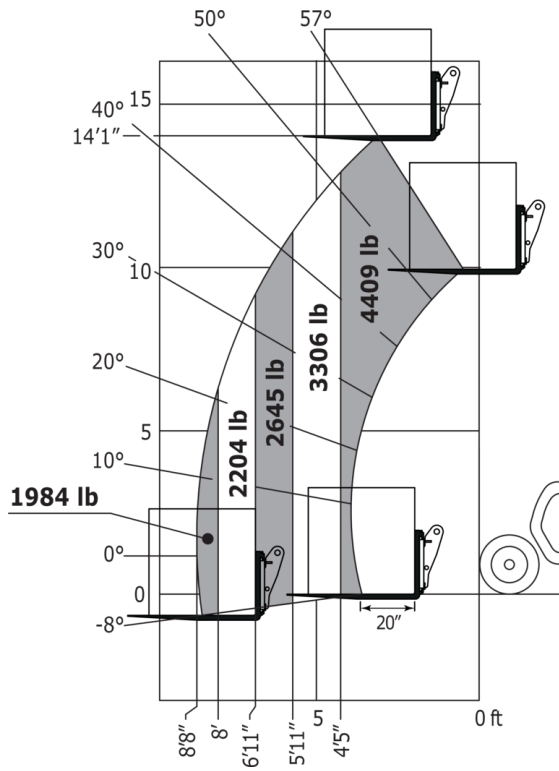
4 ft 11 in

MLT 420-60 H - Dimensional drawing



MLT 420-60 H - Load chart

Machine on tires with forks Imperial





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