Technical sheet :

MLT 420-60 H



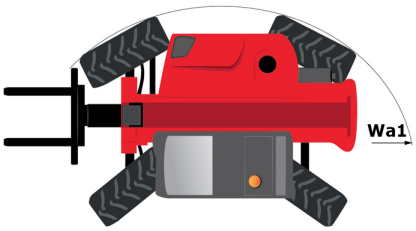
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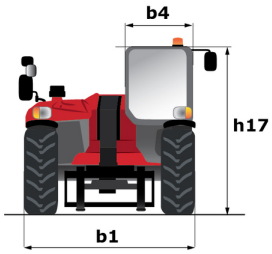
Capacities		Metric	Imperial
Max. capacity	Q	2000 kg	4409 lb
Max. lifting height	h3	4.35 m	14 ft 3 in
Max. outreach		2.65 m	8 ft 8 in
Reach at max. height		1 m	3 ft 3 in
Breakout force with bucket		1886 daN	1886 daN
Weight and dimensions			
Unladen weight (with forks)		4190 kg	9237 lb
Ground clearance	m4	0.26 m	10 in
Wheelbase	y	2.13 m	7 ft
Overall length to carriage (with hitch)	l11	3.64 m	11 ft 11 in
Overall length to carriage (without hitch)	l3	3.64 m	11 ft 11 in
Front overhang		1.04 m	3 ft 5 in
Overall width	b1	1.49 m	4 ft 11 in
Overall cab width	b4	0.80 m	2 ft 7 in
Overall height	h17	1.96 m	6 ft 5 in
Tilt-down angle	a5	116 °	116 °
Tilt-up angle	a4	12 °	12 °
External turning radius (over tyres)	Wa1	3.06 m	10 ft
Standard tires		CAMSO - SKS532 - 12-16.5 145A2	CAMSO - SKS532 - 12-16.5 145A2
Drive wheels (front / rear)		2 / 2	2 / 2
Steering wheels (front / rear)		2 / 2	2 / 2
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			
Engine brand		Kubota	Kubota
Engine norm		Stage V	Stage V
Engine model		V2607-CR-E5B	V2607-CR-E5B
Number of cylinders - Capacity of cylinders		4 - 2615 cm³	4 - 160 in³
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
Reversible fan		Standard	Standard
Engine cooling system		2 radiators water + hydraulic oil	2 radiators water + hydraulic oil
Transmission			
Transmission type		Hydrostatic	Hydrostatic
Number of gears (forward / reverse)		2 / 2	2 / 2
Max. travel speed (may vary according to applicable regulations)		25 km/h	16 mph
Differential lock		Limited slip differential on front axle	Limited slip differential on front axle
Parking brake		Automatic negative parking brake	Automatic negative parking brake
Hydraulics			
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow - Pressure		77 l/min - 235 bar	20 US gpm - 3408 PSI
Tank capacities			
Hydraulic oil		70 l	18 US gal
Fuel tank		60 l	16 US gal
Noise and vibration			
Noise at driving position (LpA) tested following NF EN 12053 norm		76 dB	76 dB
Environmental noise (LwA)		104 dB	104 dB
Vibration to whole hand/arm		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			
Tractor homologation			
Safety cab homologation		ROPS - FOPS level 1 cab	ROPS - FOPS level 1 cab
Controls		JSM	JSM

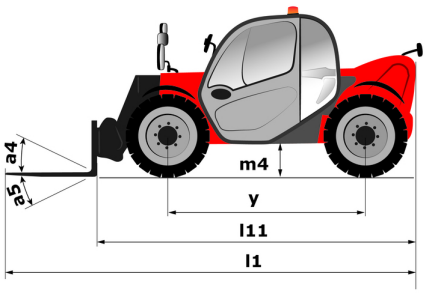
Optional tires tab

Optional tires	Overall height	Overall width
ALLIANCE - A550 - 305/70 R16.5 141A5	6 ft 5 in (1.96 m)	4 ft 10 in (1.48 m)
TRELLEBORG - TH400 - 11LR16 130A8	6 ft 6 in (1.97 m)	4 ft 11 in (1.49 m)

MLT 420-60 H - Dimensional drawing







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