

Technical sheet :

MLT 420 - 60 H



Capacities		Metric	Imperial
Max. capacity	Q	2000 kg	4409 lbs
Max. lifting height	h3	4.35 m	14 ft 3 in
Max. outreach	l4	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 lbs
Ground clearance	m4	0.24 m	9 in
Wheelbase	y	2.13 m	7 ft
Overall length to carriage (with hitch)	l11	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	0.8 m	2 ft 7 in
Overall height	h17	1.97 m	6 ft 6 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 tyres		Camso SKS-532 - 12 - 16.5-12PR	Camso SKS-532 - 12 - 16.5-12PR
Drive wheels (front / rear)		2 / 2	2 / 2
Steering wheels (front / rear)		2 / 2	2 / 2
Performances			
Lifting		5 s	5 s
Lowering		3.5 s	3.5 s
Extension		4.8 s	4.8 s
Retraction		3 s	3 s
Crowd		3.3 s	3.3 s
Dump		2.7 s	2.7 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 cm ³	4 - 159.58 in ³
I.C. Engine power rating / Power (kW)		57 Hp / 42 kW	57 Hp / 42 kW
Max. torque / Engine rotation		174 Nm/m @1600 tr/min	174 Nm/m @1600 tr/min
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	15.5 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	77 l/min - 16 PSI
Tank capacities			
Hydraulic oil		70 l	15.40 gal
Fuel tank		60 l	13.20 gal
Noise and vibration			
Noise at driving position (LpA) tested following NF EN 12053 norm		76 dB(A)	76 dB(A)
Environmental noise (LwA)		104 dB(A)	104 dB(A)
Vibration to whole hand/arm		< 2.50 m/s ²	< 2.50 m/s ²
Miscellaneous			
Safety tractor homologation / cab homologation		Cab ROPS - FOPS Level 1	Cab ROPS - FOPS Level 1
Controls		JSM	JSM

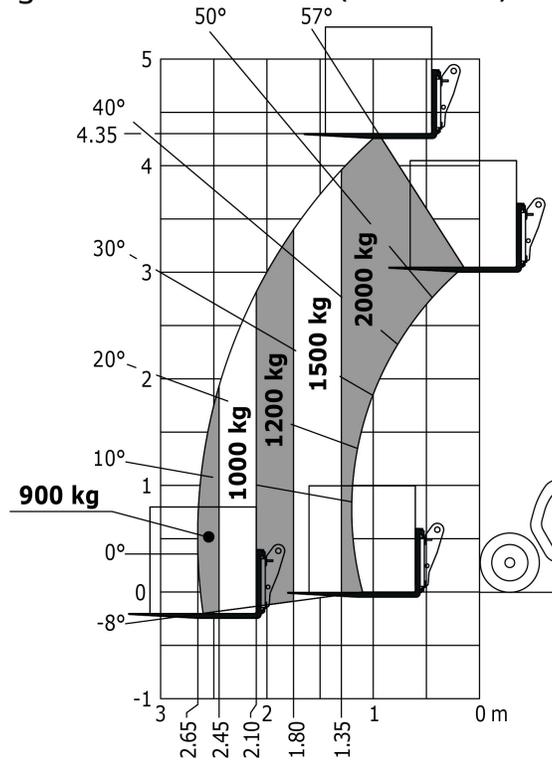
Options / Finishing

S : Standard / O : Optional / - : Not available

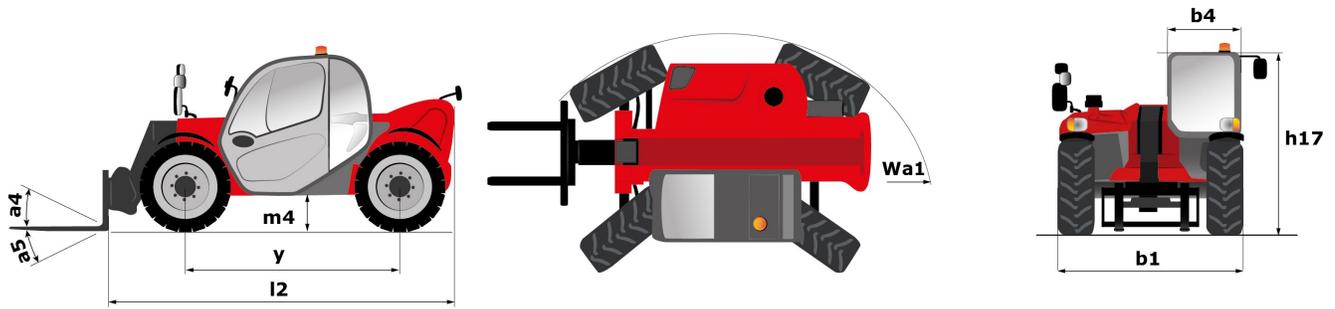
	Classic	Premium	Elite
Lifting function			
Easy Connect System (E.C.S.)	S	S	-
Hydraulic attachment locking	O	O	-
Return pipe to hydraulic oil tank	O	-	-
Electrovalve for 2 hydraulic functions (on boom head)	O	O	-
Operator station			
Mechanical cloth-covered seat (GRAMMER)	S	-	-
Air suspension cloth-covered seat (GRAMMER)	-	S	-
Tuner car radio (50 W)	S	-	-
Bluetooth USB car radio with integrated microphone (100 W)	O	S	-
Bluetooth USB car radio with extra microphone (100 W)	O	O	-
Air conditioning with manual adjustment	O	-	-
Manual air conditioning	O	S	-
Air suspension cloth-covered seat	O	-	-
rear window with de-icing	O	O	-
safeview camera pack (X2)	O	O	-
Motorization/Power			
Continuous flow hydraulics	O	O	-
Hand throttle	O	O	S
Attachment hydraulic flow control system	O	O	-
Quick drain hose	O	-	-
Speed limiter	O	O	-
quick drain tool	O	O	-
Lighting			
Poultry farming blue lights	O	O	-
Work lights on boom head (x2)	O	O	-
Flat LED rotating beacon (-71 mm)	O	O	-
Work lights on cab (x4)	S	-	-
front led work lights on cab (X2)	O	S	-
rear led work lights on cab (X2)	O	S	-
Secondary functions			
Manual rotating towing hitch	S/O**	O	-

Load chart

Rough terrain load chart (EN 1459 B) Metric



Dimensional drawing





Siège Social

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



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