

Technical sheet :

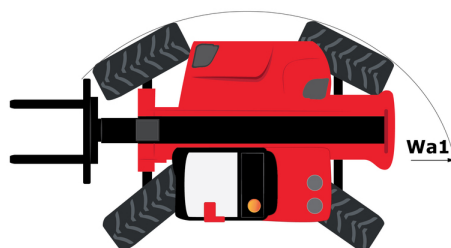
MLT 961-145 V+ L



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Imperial
Max. capacity	Q	13228 lb
Max. lifting height	h3	29 ft 6 in
Max. outreach		17 ft 5 in
Reach at max. height		3 ft 7 in
Breakout force with bucket		7300 daN
Weight and dimensions		
Unladen weight (with forks)		26015 lb
Ground clearance	m4	1 ft 6 in
Wheelbase	y	9 ft 10 in
Overall length to carriage (with hitch)	l11	20 ft
Front overhang		5 ft 5 in
Overall width	b1	8 ft 2 in
Overall cab width	b4	3 ft 3 in
Overall height	h17	8 ft 4 in
Tilt-down angle	a5	138 °
Tilt-up angle	a4	12 °
External turning radius (over tyres)	Wa1	14 ft 1 in
Standard tires		Alliance - A580 - 500/70 R24 164A8
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2
Performances		
Lifting		8.50 s
Lowering		6.50 s
Extension		7 s
Retraction		6 s
Crowd		3.80 s
Dump		3.60 s
Engine		
Engine brand		John Deere
Engine norm		Stage IV / Tier 4 Final
Engine model		PWL 4045
Number of cylinders - Capacity of cylinders		4 - 275 in³
I.C. Engine power rating / Power		141 Hp / 104 kW
Max. torque / Engine rotation		398 ft/lbs @1500 rpm
Drawbar pull (Laden)		9300 daN
Reversible fan		Standard
Engine cooling system		3 radiators water + intercooler + hydraulic oil
Transmission		
Transmission type		M-Vario Plus
Max. travel speed (may vary according to applicable regulations)		25 mph
Parking brake		Automatic Negative Hand-brake
Service brake		Oil-immersed multi-discs on front & rear axles
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		53 US gpm - 3916 PSI
Flow sharing distributor		Standard
Tank capacities		
Hydraulic oil		40 US gal
Fuel tank		36 US gal
Diesel Exhaust fluid (AdBlue® type)		3 US gal
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 nom		72 dB
Noise to environment (LwA)		105 dB
Vibration to whole hand/arm		< 2.50 m/s²
Miscellaneous		
Tractor homologation		Tractor homologation
Safety cab homologation		ROPS - FOPS level 2 cab
Controls		JSM

MLT 961-145 V+ L - Dimensional drawing





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