

Technical sheet :

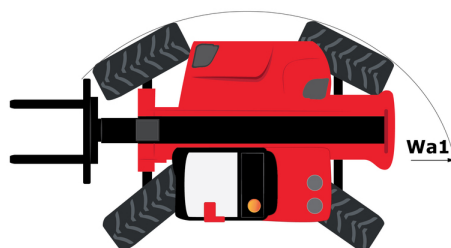
MLT 961-145 V+ L



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric
Max. capacity	Q	6000 kg
Max. lifting height	h3	9 m
Maximum outreach		5.30 m
Reach at max. height		1.10 m
Breakout force with bucket		7300 daN
Weight and dimensions		
Unladen weight (with forks)		11800 kg
Ground clearance	m4	0.45 m
Wheelbase	y	3 m
Overall length to carriage (with hitch)	l11	6.10 m
Front overhang		1.65 m
Overall width	b1	2.48 m
Overall cab width	b4	1 m
Overall height	h17	2.53 m
Tilt-down angle	a5	138 °
Tilt-up angle	a4	12 °
External turning radius (over tyres)	Wa1	4.30 m
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 - 4500 cm³
I.C. Engine power rating / Power		141 Hp / 104 kW
Max. torque / Engine rotation		540 Nm @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)		40 km/h
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		200 l/min - 270 bar
Flow sharing distributor		Standard
Tank capacities		
Hydraulic tank capacity		153 l
Fuel tank		135 l
Diesel Exhaust fluid (AdBlue® type)		12 l
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 nom		72 dB
Noise to environment (LwA)		105 dB
Vibration on hands/arms		< 2.50 m/s²
Miscellaneous		
Tractor homologation		Tractor homologation
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM

MLT 961-145 V+ L - Dimensional drawing





Head Office

B.P. 249 - 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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