Technical sheet :

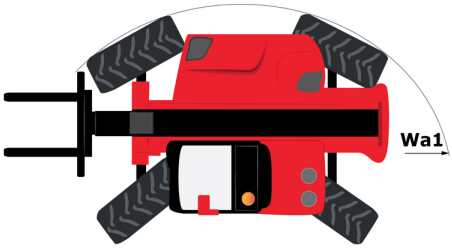
MLT 961-145 V+ L



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Capacities		Metric	Imperial
Max. capacity	Q	6000 kg	13228 lb
Max. lifting height	h3	9 m	29 ft 6 in
Max. outreach		5.30 m	17 ft 5 in
Reach at max. height		1.10 m	3 ft 7 in
Breakout force with bucket		7300 daN	7300 daN
Weight and dimensions			
Unladen weight (with forks)		11800 kg	26015 lb
Ground clearance	m4	0.45 m	1 ft 6 in
Wheelbase	y	3 m	9 ft 10 in
Overall length to carriage (with hitch)	l11	6.10 m	20 ft
Front overhang		1.65 m	5 ft 5 in
Overall width	b1	2.48 m	8 ft 2 in
Overall cab width	b4	1 m	3 ft 3 in
Overall height	h17	2.53 m	8 ft 4 in
Tilt-down angle	a5	138 °	138 °
Tilt-up angle	a4	12 °	12 °
External turning radius (over tyres)	Wa1	4.30 m	14 ft 1 in
Standard tires		Alliance - A580 - 500/70 R24 164A8	Alliance - A580 - 500/70 R24 164A8
Drive wheels (front / rear)		2 / 2	2 / 2
Steering wheels (front / rear)		2 / 2	2 / 2
Performances			
Lifting		8.50 s	8.50 s
Lowering		6.50 s	6.50 s
Extension		7 s	7 s
Retraction		6 s	6 s
Crowd		3.80 s	3.80 s
Dump		3.60 s	3.60 s
Engine			
Engine brand		John Deere	John Deere
Engine norm		Stage IV / Tier 4 Final	Stage IV / Tier 4 Final
Engine model		PWL 4045	PWL 4045
Number of cylinders - Capacity of cylinders		4 - 4500 cm³	4 - 275 in³
I.C. Engine power rating / Power		141 Hp / 104 kW	141 Hp / 104 kW
Max. torque / Engine rotation		540 Nm @1500 rpm	398 ft/lbs @1500 rpm
Drawbar pull (Laden)		9300 daN	9300 daN
Reversible fan		Standard	Standard
Engine cooling system		3 radiators water + intercooler + hydraulic oil	3 radiators water + intercooler + hydraulic oil
Transmission			
Transmission type		M-Vario Plus	M-Vario Plus
Max. travel speed (may vary according to applicable regulations)		40 km/h	25 mph
Parking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
Service brake		Oil-immersed multi-discs on front & rear axles	Oil-immersed multi-discs on front & rear axles
Hydraulics			
Hydraulic pump type		Variable displacement pump	Variable displacement pump
Hydraulic flow - Pressure		200 l/min - 270 bar	53 US gpm - 3916 PSI
Flow sharing distributor		Standard	Standard
Tank capacities			
Hydraulic oil		153 l	40 US gal
Fuel tank		135 l	36 US gal
Diesel Exhaust fluid (AdBlue® type)		12 l	3 US gal
Noise and vibration			
Noise at driving position (LpA) tested following NF EN 12053 norm		72 dB	72 dB
Environmental noise (LwA)		105 dB	105 dB
Vibration to whole hand/arm		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			
Tractor homologation		Tractor homologation	Tractor homologation
Safety cab homologation		ROPS - FOPS level 2 cab	ROPS - FOPS level 2 cab
Controls		JSM	JSM

MLT 961-145 V+ L - Dimensional drawing



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