Technical sheet :

MLT 1040-145 PS+ L



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Capacities		Metric	Imperial
Max. capacity	Q	4000 kg	8818 lb
Max. lifting height	h3	9.60 m	31 ft 6 in
Max. outreach		6.55 m	21 ft 6 in
Reach at max. height		1.50 m	4 ft 11 in
Breakout force with bucket		5500 daN	5500 daN
Weight and dimensions			
Unladen weight (with forks)		9175 kg	20227 lb
Ground clearance	m4	0.42 m	1 ft 5 in
Wheelbase	y	2.88 m	9 ft 5 in
Overall length to carriage (with hitch)	l11	5.17 m	17 ft
Front overhang		1.26 m	4 ft 2 in
Overall width	b1	2.39 m	7 ft 10 in
Overall cab width	b4	1 m	3 ft 3 in
Overall height	h17	2.38 m	7 ft 10 in
Tilt-down angle	a5	135 °	135 °
Tilt-up angle	a4	12 °	12 °
External turning radius (over tyres)	Wa1	3.74 m	12 ft 3 in
Standard tires		Trelleborg - TH400 - 460/70 R24 159A8	Trelleborg - TH400 - 460/70 R24 159A8
Drive wheels (front / rear)		2 / 2	2 / 2
Steering wheels (front / rear)		2 / 2	2 / 2
Performances			
Lifting		8.34 s	8.34 s
Lowering		5.36 s	5.36 s
Extension		11.30 s	11.30 s
Retraction		9 s	9 s
Crowd		3.80 s	3.80 s
Dump		2.60 s	2.60 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 @1600 rpm	398 ft/lbs @1600 rpm
Drawbar pull (Laden)		9300 daN	9300 daN
Reversible fan		Standard	Standard
Engine cooling system		4 radiators (water + intercooler + hydraulic oil + transmission oil)	4 radiators (water + intercooler + hydraulic oil + transmission oil)
Transmission			
Transmission type		Torque converter	Torque converter
Gearbox		M-Shift	M-Shift
Number of gears (forward / reverse)		5 / 3	5 / 3
Max. travel speed (may vary according to applicable regulations)		40 km/h	25 mph
Differential lock		Limited slip differential on front and rear axles	Limited slip differential on front and rear axles
Parking brake		Automatic negative parking brake	Automatic negative parking 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		156 l	41 US gal
Fuel tank		126 l	33 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		74 dB	74 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

Options / Finishing

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

	Classic	Premium	Elite
Lifting function			
Easy Connect System (ECS)	S	S	S
Electric predisposition on the top of the boom	O	O	O
Electrovalve for 2 hydraulic functions (on boom head)	O	O	O
Hydraulic attachment locking	O	O	O
Intelligent hydraulics	O	O	S
Regenerative Hydraulics	O	S	S
Return pipe to hydraulic oil tank	O	O	O
Operator station			
"Active CRC" boom suspension	O	O	S
Air conditioning with manual adjustment	O	S	S
Air suspension cloth-covered seat (GRAMMER)	O	S	-
Automatic wheel alignment	O	O	S
Bluetooth USB car radio with extra microphone (100 W)	O	O	S
Bluetooth USB car radio with integrated microphone (100 W)	O	S	-
Electric mirror with de-icing	O	O	S
Hand throttle with engine memo	O	O	S
Lateral wiper	S	S	S
Mechanical cloth-covered seat (GRAMMER)	S	-	-
Roof wiper	S	S	S
Tuner car radio (50 W)	S	-	-
Motorization/Power			
Continuous flow hydraulics	O	O	S
Secondary functions			
1 pair of pre-fitted Double Action rear hydraulic couplers	O	O	O
Automatic rotating towing hitch on counterweight	O	O	O
Hydraulic trailer brake	O	O	O
Manual rotating towing hitch	S	S	S
Lighting			
Front and rear LED work lights on cab (x4 : 2 front + 2 rear)	-	S	S
Front and rear work lights on cab (x4)	S	-	-
LED + (4 additional work lights)	O	O	S
Security			
Audio warning on reverse	O	O	O
Rear windscreen defrost	S	S	S

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