Technical sheet

MLT 840-145 PS

Telehandlers





Transmission Type Torque Converter with M-Shift gearbox Number of gears (forward/reverse) Max. travel speed (may vary according to applicable regulations) Differential lock Differential lock Ooil) Torque Converter with M-Shift gearbox Torque Converter with M-Shift gearbox 40 km/h 25 mph Limited slip differential on front and rear axles	Capacities	metric	imperial
Mace, currenth 4.45 m 1.4 h 7 in Beach are height 0.90 m 2.81 tin Unlader memorism 1 Unlader meght (with forfal) 8110 kg 1852 lbs 44- Ground clearance 0.44 m 17 m 2- Overall weight to carriage 5.37 m 17 h 7 in 2- Overall weight to carriage 2.88 m 9.95 in bit - Overall weight of cards 1 m 3.13 in bit - Overall weight of cards 2.39 m 7 h 10 in 17- Overall height 1.2° 12° 12° ab - Overall weight (with of cab) 1.37 m 135 m 135 m bit Ownering 2.39 m 7 h 10 in 11° 17- Overall height 2.37 m 12° 12° ab - Owneril weight (with of cab) 1.3° 13° bit Ownering 4.60 fb 6.60 fb 6.60 fb Bit Ownering 4.60 fb 6.60 fb 6.60 fb Cownering 4.80 fb 4.60 fb 6.60 fb Cownering 4.80 fb 4.80 fb 4.60 f	Max. capacity	4000 kg	9000 lbs
Reach at max. height C.990 m. 2 ft 11 in World and dimensions C.900 m. C.800 m. C.	Max. lifting height	7.55 m	24 ft 9 in
Winglift and dimensions As 10 kg 11 start like and - Ground features 2. 11 mm 1. 17 in 1. 17	Max. outreach	4.45 m	14 ft 7 in
Unided myeight (with forks) 8810 kg 1852 lbs m4 - Ground clearance 0.43 m 17 in 2 - Overall length to carriage 3.37 m 17 in y - Wheelbase 2.28 m 9.15 in b4 - Overall width of Cab 1 m 3.11 in b1 - Overall width 2.39 m 7.17 in in b7 - Overall height 3.23 m 7.17 in a5 - Dump angle 135 ° 135 ° a5 - Dump angle 135 ° 135 ° W3 - Texternal turning radius (over tyres) 3.7 m 107 (2.13 in) Sondard tyres 46070 R24 159A8 XMCL · 46070 R24 159A8 XMCL · Wall - Decreal turning radius (over tyres) 3.7 m 6.00 ° Sondard tyres 44070 R24 159A8 XMCL · 46070 R24 159A8 XMCL · Wall - Cream of Livering 46070 R24 159A8 XMCL · 46070 R24 159A8 XMCL · Unified 6.00 ° 6.00 ° 6.00 ° Unified 6.00 ° 6.00 ° 6.00 ° Unified 6.00 ° 6.00 ° 6.00 ° Unified 5.20 ° 5.20 °	Reach at max. height	0.90 m	2 ft 11 in
nd - Ground elerance 0.43 m 17 in 2 - Overall length to carriage 5.37 m 17 in 7 in b1 - Overall width of cab 1 m 3.83 m 91 in in b1 - Overall width of Cab 1 m 3.83 in 1 m b1 - Overall width 2.39 m 7 in 10 in 1 m b1 - Overall width 2.39 m 7 in 10 in 1 m s1 - Coward langle 12 m 2 m 12 m 1 m s1 - Overall width of Cab 1 m <td>Weight and dimensions</td> <td></td> <td></td>	Weight and dimensions		
12 Overall length to carriage 5.37 m 17 ft 7 in y - Wheelbase 2.88 m 9 ft 5 in b - Overall with of clob 1 m 3.13 in b1 - Overall with of clob 2.39 m 7 ft 10 in b1 - Overall height 2.39 m 7 ft 10 in b1 - Overall height 12 ° 12 ° a - Crowd angle 135 ° 135 ° a - Sungar parigle 3135 ° 135 ° Wot - External turning radius (over tyres) 3.74 m 135 ° Samplard tyres 460/70 R24 15948 XMCL - Michelian Performances 6.60 s 4400 ° Lifting 6.60 s 4.60 ° Lowering 4.60 ° 4.80 ° Extension 5.30 s 3.3 ° Bear action 5.30 s 3.3 ° Crowd 3.3 s 3.3 ° Bear action 5.00 s 2.40 ° Finger 1 phon Deere John Deere Bridge 1 phon Deere John Deere Bridge 1 phon Deere John Deere	Unladen weight (with forks)	8410 kg	18521 lbs
y-Wheelbase 2.88 m 9 ft S in bi- Overall width of cab 1 m 3 ft 3 in bi- Overall width 2.39 m 7 ft 10 in bi- Overall helpit 2.39 m 7 ft 10 in of-Crowd ongle 12° 12° ab - Dump paigle 135° 135° Wa1 - External turning radius (over tyres) 460/70 R24 159AB XMCL - Medical Microbian Standard tyres 460/70 R24 159AB XMCL - Medical Microbian Verformance 460/70 R24 159AB XMCL - Medical Microbian Lifting 6.60 s 6.60 s Lowering 4.80 s 4.80 s Lowering 6.60 s 6.60 s Extension 6.30 s 6.30 s Retraction 5.20 s 5.20 s Crowd 3 3 s 3 s Brand John Deere John Deere Engine John Deere John Deere Brand PWL 4045 4.450 s Number of ylinders - Cubic capacity 4.4500 cm² 4.25 m² Number of ylinders - Cubic capacity 4.4500 cm² 4.25 m²<	m4 - Ground clearance	0.43 m	17 in
b4 - Overall width of cab 1 m 3 ft 3 in b1 - Overall width 2.39 m 7 ft 10 in b1 - Overall width 2.39 m 7 ft 10 in b1 - Overall width 2.39 m 7 ft 10 in b1 - Overall height 12 ° 12 ° a5 - Dump angle 135 ° 135 ° Wall - External turning radius (over tyres) 3.74 m 12.13 in Standard tyres 6.60 ° 6.60 ° Lifting 6.60 ° 6.60 ° Lowering 4.80 ° 4.80 ° Extension 6.30 ° 6.30 ° Extension 5.20 ° 5.20 ° Crowd 5.20 ° 5.20 ° Crowd 3.3 ° 3.5 Dump 2.40 ° 2.40 ° Engine John Deere John Deere Environmental norm \$tage IV/ Tier 4 final \$tage IV/ Tier 4 final Model PWL 4045 PWL 4045 PWL 4046 PWL 4046 PWL 4046 PWL 4047 4.250 in Reversible fan <td< td=""><td>l2 - Overall length to carriage</td><td>5.37 m</td><td>17 ft 7 in</td></td<>	l2 - Overall length to carriage	5.37 m	17 ft 7 in
b1 - Overall width 2.39 m 7 ft 10 in h17 - Overall height 2.39 m 7 ft 10 in h17 - Overall height 12° 12° as - Crowd angle 135° 135° w3 - External turning radius (over tyres) 3.74 m 12 ft 3 in Standard tyres 460/70 R24 159A8 XMCL - Michelian MCL - M	y - Wheelbase	2.88 m	9 ft 5 in
h17 - Overall height 2.39 m 7 ft 1 in a4 - Crowd ongle 12° 12° 35 - Dump angle 135 s* 135 s* Wa1 - External turning radius (over tyres) 3.74 m 12 ft 3 in Standard tyres 460/70 R24 159A8 XMCL - Michelin Mic	b4 - Overall width of cab	1 m	3 ft 3 in
a4 - Crowd angle 12 ° 12 ° a5 - Dump angle 135 ° 135 ° 84 - External tuming radius (over tyres) 3,7 4m 12 £ 3 in Scandard tyres 460/70 624 15948 XMCL - Michelin 460/70 624 15948 XMCL - Michelin Performance 1 1 Litting 6.60 ° 6.60 ° Lowering 4.80 ° 4.80 ° Extension 6.30 ° 6.30 ° Extension 5.20 ° 5.20 ° Crowd 3 ° 3 ° Dump 2.40 ° 2.40 ° Englishe John Deere John Deere Environmental norm Stage Iv / Tier 4 Final Stage Iv / Tier 4 Final Model YPVL 4045 YPVL 4045 Number of cylinders - Cubic capacity 4 - 4500 cm² 4 - 275 in² Power 540 Nm at 1600 rpm 399 ft.bs at 1600 rpm Max. torque 540 Nm at 1600 rpm 399 ft.bs at 1600 rpm Laden dawbair pull 4 radiators (water + intercooler + hydraulic of + transmission of the contract of transmission of the contract of transmission of the contract of transmission of the contract	b1 - Overall width	2.39 m	7 ft 10 in
a.S - Dump angle 135 ° 135 ° Wal - External turning radius (over tyres) 3.74 m 12 t 3 in Scandard tyres 460/70 R24 1598A WAL - Michelin 460/70 R24 1598A SWLL - Michelin Performances 6.60 s 6.60 s Lifting 6.60 s 6.60 s Lowering 4.80 s 6.80 s Extension 5.20 s 5.20 s Crowd 3.5 s 3.5 Dump 2.40 s 2.40 s Engle 1 1 Brand John Decre John Decre Environmental norm Stage IV Ter 4 Final Stage IV Ter 4 Final Model PVML 4045 PVML 4045 Number of cylinders - Cubic capacity 4 + 4500 cm² 4 + 275 in² Number of cylinders - Cubic capacity 4 + 4500 cm² 399 fl.bs at 1600 rpm Laden drawbar pull 9300 dah - Reversible fan 5 tandard 4 radiaton (water * intercooler* * hydraulic oil * transmission* oil* transmission*	h17 - Overall height	2.39 m	7 ft 1 in
Wat = External turning radius (over tyres) 3.74 m 12 ft 3 in Standard tyres 460/70 R24 159A8 XMCL - Michelen 460/70 R24 159A8 XMCL - Michelen Deformances 1 460.00 460.00 Lifting 6.60 s 4.80 s 4.80 s Extension 6.30 s 6.30 s 6.30 s Extension 5.20 s 5.20 s 5.20 s Crowd 3 s 3 s 3 s Dump 2.40 s 2.40 s 2.40 s Brand John Deere <	a4 - Crowd angle	12 °	12 °
Standard tyres 460/70 R24 159A8 XMCL - Michelin 460/70 R24 159A8 XMCL - Michelin Performances 1 460/70 R24 159A8 XMCL - Michelin Lifting 6.60 s 6.60 s Lowering 4.80 s 6.30 s Extension 6.30 s 6.30 s Retraction 3 s 5.20 s Crowd 3 s 3 s Dump 2.40 s 2.40 s Engine 1 1 Brand John Deere John Deere Environmental norm Sage IV / Tier 4 Final Stape IV / Tier 4 Final Model PWL 404S PWL 404S PWL 404S Number of cylinders - Cubic capacity 4 - 4500 cm³ 4 - 275 in³ Number of cylinders - Cubic capacity 300 km an 1600 rpm 4 standard Reversible fan 530 km an 1600 rpm 300 km Reversible fan 530 km an 1600 rpm 4 radiatros (water intercooler through the proposed of	a5 - Dump angle	135 °	135 °
Michelin	Wa1 - External turning radius (over tyres)	3.74 m	12 ft 3 in
Lifting 6.60 s 6.60 s Lowering 4.80 s 4.80 s Extension 6.30 s 6.30 s Extension 5.20 s 5.20 s Crowd 3 s 3 s Dump 2.40 s 2.40 s Engine 1 1 Bradd John Deere John Deere Environmental norm \$tage IV / Tier 4 Final \$tage IV / Tier 4 Final Model PWL 4045 PWL 4045 Number of cylinders - Cubic capacity 4 - 4500 cm² 4 - 275 in² Power 141 th p / 104 kW 141 th p / 104 kW 141 th p / 104 kW Max. torque \$40 Nm at 1600 rpm 399 ft.lbs at 1600 rpm Laden drawbar pull \$300 daN 5 Reversible fan 4 radiators (water + intercooler + hydraulic oil + transmission oil) 4 radiators (water + intercooler + hydraulic oil + transmission oil) Type Torque Converter with M-Shift gearbox \$5/3 \$5/3 Number of gears (forward/reverse) \$1/3 \$5/3 \$5/3 Number of gears (forward/reverse) Automatic nega	Standard tyres	460/70 R24 159A8 XMCL - Michelin	
Lowering 4.80 s 4.80 s Extension 6.30 s 6.30 s Retraction 5.20 s 5.20 s Crowd 3 s 3 s Dump 2.40 s 2.40 s Engine Environmental norm Stage IV / Tier 4 Final	Performances		
Extension 6.30 s 6.30 s Retraction 5.20 s 5.20 s Crowd 3 s 3 s Dump 2.40 s 2.40 s Engine Environmental norm John Deere John Deere Environmental norm Stage IV / Tire 4 Final Stage IV / Tire 4 Final Model PWL 4045 PWL 4045 Number of cylinders - Cubic capacity 4 - 4500 cm² 4 - 275 in² Power 141 hp / 104 kW 141 hp / 104 kW 141 hp / 104 kW Max. torque 540 Nm at 1600 rpm 399 ft.lbs at 1600 rpm Reversible fa 5 standard 5 standard Cooling system 5 standard 5 standard Type Torque Converter with M-Shift gearbox 5/3 Type Torque Converter with M-Shift gearbox 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 axies Limited slip differential on front and rear axies Parking brake Automatic negative handbrake	Lifting	6.60 s	6.60 s
Retraction 5.20 s 5.20 s Crowd 3 s 3 s Dump 2.40 s 2.40 s Engine 2.40 s 2.40 s Brand John Deere John Deere Environmental norm Stage IV / Tier 4 Final Stage IV / Tier 4 Final Model PWL 4045 PWL 4045 Number of cylinders - Cubic capacity 4 - 4500 cm³ 4 - 275 in³ Power 44 - 4500 cm³ 3 - 20 s 4 - 275 in³ Power 540 Nm at 1600 rpm 399 ft.lbs at 1600 rpm Laden drawbar pull 9300 daN - Reversible fan Standard Standard Cooling system Torque Converter with M-Shift and a standard Torque Converter with M-Shift and rear axies Type Torque Converter with M-Shift and rear axies Parking brake Julian and rear axies Automatic negative handbrake	Lowering	4.80 s	4.80 s
Crowd 3 s 3 s Dump 2,40 s 2,40 s Engine Company Company Brand John Deere John Deere Environmental norm Stage IV / Tier 4 Final Stage IV / Tier 4 Final Model PWL 4045 PWL 4045 Number of cylinders - Cubic capacity 4 - 4500 cm³ 4 - 275 in³ Power 540 Nm at 1600 rpm 399 fi.lbs at 1600 rpm Max. torque 540 Nm at 1600 rpm 399 fi.lbs at 1600 rpm Laden drawbar pull 9300 daN - Reversible fan Standard Standard Cooling system 4 radiators (water + intercooler + hydraulic oil + transmission oil) 4 radiators (water + intercooler + hydraulic oil + transmission oil) Type Torque Converter with M-Shift gearbox 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 axies 4/1/2 militation front and rear axies Parking brake Automatic negative handbrake 4/1/2 militation front & rear axies Parking brake </td <td>Extension</td> <td>6.30 s</td> <td>6.30 s</td>	Extension	6.30 s	6.30 s
Dump 2.49 s 2.49 s Engine Company Company Brand John Deere John Deere Environmental norm Stage IV / Tier 4 Final Stage IV / Tier 4 Final Model PWL 4045 PWL 4045 Number of cylinders - Cubic capacity 4 - 4500 cm³ 4 - 275 in³ Power 141 hp / 104 kW 141 hp / 104 kW Max. torque 540 Nm at 1600 rpm 399 ft.lbs at 1600 rpm Laden drawbar pull 9300 daN - Reversible fan Standard Standard Cooling system 4 radiators (water + intercooler + hydraulic oil) 4 radiators (water + intercooler + hydraulic oil) + transmission oil) Type Torque Converter with M-Shift gearbox Torque Converter with M-Shift gearbox Number of gears (forward/reverse) 5/3 5/3 Number of gears (forward/reverse) 5/3 5/3 Number of gears (forward/reverse) 4 wind Limited slip differential on front and rear axies Parking brake 4 utomatic negative handbrake 4 utomatic negative handbrake Service brake 4 hydraulic oil immersed mult	Retraction	5.20 s	5.20 s
Engine John Deere John Deere Brand John Deere John Deere Environmental norm Stage IV / Tier 4 Final Stage IV / Tier 4 Final Model PWL 4045 PWL 4045 Number of cylinders - Cubic capacity 4- 4500 cm³ 4- 275 in³ Power 141 hp / 104 kW 141 hp / 104 kW 141 hp / 104 kW Max, torque 540 Nm at 1600 rpm 399 ft.bs at 1600 rpm Leaden drawbar pull 9300 daN - Reversible fan Standard Standard Cooling system 4 radiators (water + intercooler + hydraulic oil + transmission oil) 4 radiators (water + intercooler + hydraulic oil + transmission oil) Type Torque Converter with M-Shift gearbox 5/3 5/3 Number of gears (forward/reverse) 5/3 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 handbrake Hydraulic oil immersed multidisc braking on front & rear axles	Crowd	3 s	3 s
Brand John Deere John Deere Environmental norm Stage IV / Tier 4 Final Stage IV / Tier 4 Final Model PWL 4045 PWL 4045 Number of cylinders - Cubic capacity 4 - 4500 cm³ 4 - 275 in³ Power 141 hp / 104 kW 141 hp / 104 kW Max. torque 540 Nm at 1600 rpm 399 ft.lbs at 1600 rpm Laden drawbar pull 9300 daN - Reversible fan Standard Standard Cooling system 4 radiators (water + intercooler + hydraulic oil + transmission oil) 4 radiators (water + intercooler + hydraulic oil + transmission oil) Type 573 5/3 Number of gears (forward/reverse) 5/3 5/3 Number of gears (forward/reverse) 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 handbrake Automatic negative handbrake Parking brake Hydraulic oil immersed multidisc braking on front & rear axles Hydraulic oil immersed multidisc braking on front & rear axles Hydraulic flow - Pressure 200 l/m	Dump	2.40 s	2.40 s
Environmental norm Stage IV / Tier 4 Final Stage IV / Tier 4 Final Model PWL 4045 PWL 4045 Number of cylinders - Cubic capacity 4 - 4500 cm³ 4 - 275 in³ Power 141 hp / 104 kW 141 hp / 104 kW Max. torque 540 Nm at 1600 rpm 399 ft.lbs at 1600 rpm Laden drawbar pull 9300 daN - Reversible fan Standard Standard Cooling system 4 radiators (water + intercooler + hydraulic oil + transmission oil) 4 radiators (water + intercooler + hydraulic oil + transmission oil) Type Torque Converter with M-Shift gearbox Torque Converter with M-Shift gearbox 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 axies Limited slip differential on front and rear axies Parking brake Automatic negative handbrake Automatic negative handbrake Service brake Hydraulic oil immersed multi-disc braking on front & rear axies Limited slip differential on front axies Hydraulic pump type Load sensing pump Load sensing pump Hydraulic flow - Pressure 200 l/min - 270 bar 52.84 gpm - 3916 psi "Flow sharing" distributor 200 l/min - 270 bar	Engine		
Model PWL 4045 PWL 4045 Number of cylinders - Cubic capacity 4 - 4500 cm³ 4 - 275 in³ Power 141 hp / 104 kW 141 hp / 104 kW Max. torque 540 Nm at 1600 rpm 399 ft.lbs at 1600 rpm Laden drawbar pull 9300 dN - Reversible fan Standard Standard Cooling system 4 radiators (water + intercooler + hydraulic oil + transmission oil) 4 radiators (water + intercooler + hydraulic oil) Type Torque Converter with M-Shift gearbox Torque Converter with M-Shift gearbox 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 axies Limited slip differential on front and rear axies Parking brake Automatic negative handbrake Automatic negative handbrake Service brake Hydraulic oil immersed multi-disc braking on front & rear axies Hydraulic oil immersed multi-disc braking on front & rear axies Hydraulic flow - Pressure 200 l/min - 270 bar 52.84 gpm - 3916 psi "Flow sharing" distributor Standard 52.84 gpm - 3916 psi Tank capacities	Brand	John Deere	John Deere
Number of cylinders - Cubic capacity Power 141 hp / 104 kW 14 hp / 104 kW 14 ht / 104 kp 14 radiators (water + intercooler + hdrains) 16	Environmental norm	Stage IV / Tier 4 Final	Stage IV / Tier 4 Final
Power 141 hp / 104 kW 141 hp / 104 kW Max. torque 540 Nm at 1600 rpm 399 ft.lbs at 1600 rpm Laden drawbar pull 9300 daN - Reversible fan Standard Standard Cooling system 4 radiators (water + intercooler + hydraulic oil + transmission oil) + transmission oil) 4 radiators (water + intercooler + hydraulic oil + transmission oil) Type Torque Converter with M-Shift gearbox Torque Converter with M-Shift gearbox 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 handbrake Hydraulic oil immersed multidisc braking on front & rear axles Service brake Hydraulic oil mersed multidisc braking on front & rear axles Hydraulic oil mersed multidisc braking on front & rear axles Hydraulic pump type Load sensing pump Load sensing pump Hydraulic flow - Pressure 2001/min - 270 bar 52.84 gpm - 3916 psi "Flow sharing" distributor Standard Standard Tank capacities 156 l 41 US gal. Hydraulic oil 126 l 33 US gal.	Model	PWL 4045	PWL 4045
Max. torque 540 Nm at 1600 rpm 399 ft.lbs at 1600 rpm Laden drawbar pull 9300 daN - Reversible fan Standard Standard Cooling system 4 radiators (water + intercooler + hydraulic oil + transmission oil) 4 radiators (water + intercooler + hydraulic oil + transmission oil) Type Torque Converter with M-Shift gearbox Torque Converter with M-Shift gearbox 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 handbrake Automatic negative handbrake Service brake Hydraulic oil immersed multidisc braking on front & rear axles Hydraulic oil immersed multidisc braking on front & rear axles Hydraulic pump type Load sensing pump Load sensing pump Hydraulic flow - Pressure 200 l/min - 270 bar 52.84 gpm - 3916 psi "Flow sharing" distributor Standard Standard Tank capacities 1561 41 US gal. Hydraulic oil 1561 33 US gal.	Number of cylinders - Cubic capacity	4 - 4500 cm ³	4 - 275 in ³
Laden drawbar pull 9300 daN - Reversible fan Standard Standard Cooling system 4 radiators (water + intercooler + hydraulic oil + transmission oil) 4 radiators (water + intercooler + hydraulic oil + transmission oil) Transmission Torque Converter with M-Shift gearbox 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 handbrake Hydraulic oil immersed multidisc braking on front & rear axles Hydraulic oil immersed multidisc braking on front & rear axles Service brake Hydraulic oil immersed multidisc braking on front & rear axles Torque Converter with M-Shift gearbox Hydraulic pump type Load sensing pump Load sensing pump Hydraulic flow - Pressure 200 l/min - 270 bar 52.84 gpm - 3916 psi "Flow sharing" distributor Standard Standard Tank capacities 156 l 41 US gal. Hydraulic oil 136 l 33 US gal.	Power	141 hp / 104 kW	141 hp / 104 kW
Reversible fan Standard Standard Cooling system 4 radiators (water + intercooler + hydraulic oil + transmission oil) 4 radiators (water + intercooler + hydraulic oil + transmission oil) Transmission Torque Converter with M-Shift gearbox Torque Converter with M-Shift gearbox 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 handbrake Automatic negative handbrake Service brake Hydraulic oil immersed multidisc braking on front & rear axles Hydraulic oil immersed multidisc braking on front & rear axles Hydraulic pump type Load sensing pump Load sensing pump Hydraulic flow - Pressure 200 l/min - 270 bar 52.84 gpm - 3916 psi "Flow sharing" distributor Standard Standard Tank capacities 156 l 41 US gal. Hydraulic oil 126 l 33 US gal.	Max. torque	540 Nm at 1600 rpm	399 ft.lbs at 1600 rpm
Cooling system 4 radiators (water + intercooler + hydraulic oil + transmission oil) 4 radiators (water + intercooler + hydraulic oil + transmission oil) Transmission Torque Converter with M-Shift gearbox Torque Converter with M-Shift gearbox 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 handbrake Automatic negative handbrake Hydraulics Hydraulic oil immersed multidisc braking on front & rear axles Hydraulic oil memersed multidisc braking on front & rear axles Hydraulic pump type Load sensing pump Load sensing pump Hydraulic flow - Pressure 200 l/min - 270 bar 52.84 gpm - 3916 psi "Flow sharing" distributor Standard Standard Tank capacities 156 l 41 US gal. Hydraulic oil 126 l 33 US gal.	Laden drawbar pull	9300 daN	-
Transmission Type Torque Converter with M-Shift gearbox Number of gears (forward/reverse) Number of gears (forward/reverse) Max. travel speed (may vary according to applicable regulations) Differential lock Parking brake Automatic negative handbrake Hydraulic oil immersed multidisc braking on front & rear axles Hydraulic pump type Hydraulic flow - Pressure Flow sharing' Flow sharing' Tank capacities Hydraulic oil Fleel Torque Converter with M-Shift gearbox The Gearbox Torque Converter with M-Shift gearbox Time Converter with M-Shift gearbox The Gearbox Torque Converter with M-Shift gearbox Torque Converter with M-Shift gearbox The Gearbox Torque Converter with M-Shift gearbox Torque Converte with M-Shift gearbox Torque Converted to pearbox Torque Converted to pearbox Torque Converte with Alters Torque Converted to pearbox Torque Converte	Reversible fan	Standard	Standard
Type Converter with M-Shift gearbox Number of gears (forward/reverse) Number of gears (forward/reverse) Solar S	Cooling system	+ hydraulic oil + transmission	4 radiators (water + intercooler + hydraulic oil + transmission oil)
Number of gears (forward/reverse) Number of gears (forward/reverse) Max. travel speed (may vary according to applicable regulations) Differential lock Parking brake Automatic negative handbrake Hydraulic oil immersed multidisc braking on front & rear axles Hydraulics Hydraulic pump type Load sensing pump Hydraulic flow - Pressure Tank capacities Hydraulic oil Fluel Parking distributor Standard Standard Gearbox Josephox Josepho Limited slip differential on front and rear axles Automatic negative handbrake Hydraulic oil immersed multidisc braking on front & rear axles Automatic negative handbrake Hydraulic oil immersed multidisc braking on front & rear axles Automatic negative handbra	Transmission		
Max. travel speed (may vary according to applicable regulations)40 km/h25 mphDifferential lockLimited slip differential on front and rear axlesLimited slip differential on front and rear axlesParking brakeAutomatic negative handbrakeAutomatic negative handbrakeService brakeHydraulic oil immersed multidisc braking on front & rear axlesHydraulic oil immersed multidisc braking on front & rear axlesHydraulicsLoad sensing pumpLoad sensing pumpHydraulic flow - Pressure200 l/min - 270 bar52.84 gpm - 3916 psi"Flow sharing" distributorStandardStandardTank capacitiesTank capacitiesHydraulic oil156 l41 US gal.Fuel126 l33 US gal.	Туре	Torque Converter with M-Shift gearbox	
Differential lockLimited slip differential on front and rear axlesLimited slip differential on front and rear axlesParking brakeAutomatic negative handbrakeAutomatic negative handbrakeService brakeHydraulic oil immersed multidisc braking on front & rear axlesHydraulic oil mmersed multidisc braking on front & rear axlesHydraulic pump typeLoad sensing pumpLoad sensing pumpHydraulic flow - Pressure200 l/min - 270 bar52.84 gpm - 3916 psi"Flow sharing" distributorStandardStandardTank capacities41 US gal.Fuel126 l33 US gal.	Number of gears (forward/reverse)	5/3	5/3
Parking brakeAutomatic negative handbrakeAutomatic negative handbrakeService brakeHydraulic oil immersed multidisc braking on front & rear axlesHydraulic oil immersed multidisc braking on front & rear axlesHydraulicsLoad sensing pumpLoad sensing pumpHydraulic flow - Pressure200 l/min - 270 bar52.84 gpm - 3916 psi"Flow sharing" distributorStandardStandardTank capacities156 l41 US gal.Hydraulic oil126 l33 US gal.	Max. travel speed (may vary according to applicable regulations)	40 km/h	25 mph
Service brakeHydraulic oil immersed multidisc braking on front & rear axlesHydraulic oil immersed multidisc braking on front & rear axlesHydraulicsLoad sensing pumpLoad sensing pumpHydraulic flow - Pressure200 l/min - 270 bar52.84 gpm - 3916 psi"Flow sharing" distributorStandardStandardTank capacities41 US gal.Hydraulic oil156 l41 US gal.Fuel126 l33 US gal.	Differential lock	Limited slip differential on front and rear axles	Limited slip differential on front and rear axles
Service brakedisc braking on front & rear axlesdisc braking on front & rear axlesHydraulicsLoad sensing pumpLoad sensing pumpHydraulic flow - Pressure200 l/min - 270 bar52.84 gpm - 3916 psi"Flow sharing" distributorStandardStandardTank capacitiesTotal capacities41 US gal.Fuel126 l33 US gal.	Parking brake	Automatic negative handbrake	Automatic negative handbrake
Hydraulic pump typeLoad sensing pumpLoad sensing pumpHydraulic flow - Pressure200 l/min - 270 bar52.84 gpm - 3916 psi"Flow sharing" distributorStandardStandardTank capacitiesUse of the control of the con	Service brake	disc braking on front & rear	disc braking on front & rear
Hydraulic flow - Pressure200 l/min - 270 bar52.84 gpm - 3916 psi"Flow sharing" distributorStandardStandardTank capacities	Hydraulics		
"Flow sharing" distributor Tank capacities Hydraulic oil Fuel Standard Standard Standard Standard 156 l 41 US gal. 126 l 33 US gal.			
Tank capacitiesSecond Second Seco	Hydraulic flow - Pressure	200 l/min - 270 bar	52.84 gpm - 3916 psi
Hydraulic oil 156 l 41 US gal. Fuel 126 l 33 US gal.	•	Standard	Standard
Fuel 126 I 33 US gal.			
	Hydraulic oil	156 l	41 US gal.
Diesel Exhaust Fluid (AdBlue® type) 12 l 3 US gal.		126 l	33 US gal.
	Diesel Exhaust Fluid (AdBlue® type)	12	3 US gal.

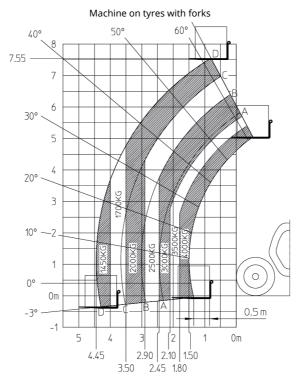
Noise & vibration		
Noise at driving position (LpA)	74 dB	74 dB
Environmental noise LwA	105 dB	105 dB
Vibration to whole hand / arm	<2.5 m/s ²	<8.2 ft/s²
Miscellaneous		
Safety	Tractor homologation EN 15000 Norm ROPS - FOPS Level 2 cab.	Tractor homologation EN 15000 Norm ROPS - FOPS Level 2 cab.

Tyre options

Optional tires	Overall machine height	Overall machine width
Alliance - 460/70 R24 159A8 A580	2.51 m	2.39 m
Trelleborg - 460/70 R24 159A8 TH400	2.49 m	2.39 m
Michelin - 460/70 R24 159A8 Bibload	2.50 m	2.39 m
Michelin - 500/70 R24 164A8 XMCL	2.52 m	2.46 m
Trelleborg - 500/70 R24 164A8 TH400	2.52 m	2.43 m
Michelin - 500/70 R24 164A8 Bibload	2.53 m	2.43 m

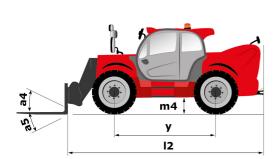
S : Standard / O : Optional / - : Not available

	Classic	Premium	Elite
General			
Auto reversing fan	S	S	S
Boom suspension "Active CRC"	0	0	S
Hand throttle with engine memo	0	S	S
Automatic wheel alignment	0	0	S
Manual rotating towing hitch on counterweight	S	S	S
Automatic rotating towing hitch on counterweight	0	0	0
Comfort			
Mechanical cloth seat (GRAMMER)	S	-	-
Air suspension cloth seat (GRAMMER)	0	S	-
Low frequency air suspension cloth seat (GRAMMER)	0	0	S
Tuner car radio (50 W)	S	-	-
Bluetooth car radio with integrated microphone (100 W)	0	S	-
Bluetooth car radio with extra microphone (100 W)	0	0	S
Manual air conditioning	0	S	S
Rear windscreen defrost	S	S	S
Hydraulic			
Easy Connect System (ECS)	0	S	S
Regenerative Hydraulics	0	S	S
Intelligent Hydraulics	0	0	S
Continuous flow hydraulics	0	0	S
Attachment hydraulic locking	0	0	0
Return pipe to hydraulic oil tank	0	0	0
1 pair of pre-fitted Double Action rear hydraulic couplers	0	0	0
Electrovalve for 2 hydraulic functions (on boom head)	0	0	0
Hydraulic trailer brake	S	S	S
Electricity / Safety			
Audio warning on reverse movements	0	0	0
Front and rear work lights (x4: 2 front + 2 rear)	S	-	-
Front and rear LED work lights (x4 : 2 front + 2 rear)	0	S	S
Lateral wiper	S	S	S
Roof wiper	S	S	S
Electric mirror with de-icing	0	0	S
LED + (4 extra work lights)	-	0	S
Electric predisposition on boom	0	0	0

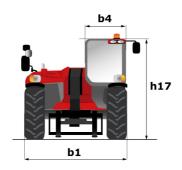


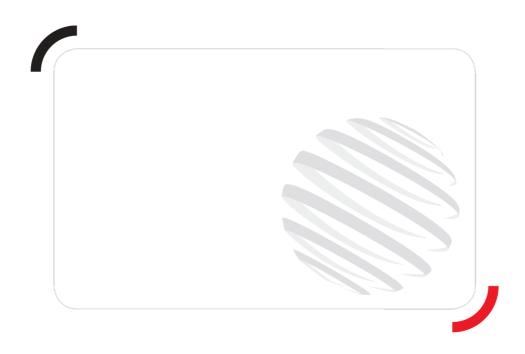
Rough terrain load chart (EN 1459 B)

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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