

Technical sheet :

MLT 840-145 PS+



Capacities		Metric	Imperial
Max. capacity	Q	4000 kg	8818 lbs
Max. lifting height	h3	7.55 m	24 ft 9 in
Max. outreach	l4	4.45 m	14 ft 7 in
Reach at max. height		0.9 m	2 ft 11 in
Breakout force with bucket		5500 daN	5500 daN
Weight and dimensions			
Unladen weight (with forks)		8410 kg	18541 lbs
Ground clearance	m4	0.43 m	1 ft 5 in
Wheelbase	y	2.88 m	9 ft 5 in
Overall length to carriage (with hitch)	l11	5.37 m	17 ft 7 in
Front overhang		1.47 m	4 ft 10 in
Overall width	b1	2.39 m	7 ft 10 in
Overall cab width	b4	1 m	3 ft 3 in
Overall height	h17	2.39 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 tyres		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		6.6 s	6.6 s
Lowering		4.8 s	4.8 s
Extension		6.3 s	6.3 s
Retraction		5.2 s	5.2 s
Crowd		3 s	3 s
Dump		2.4 s	2.4 s
Engine			
Engine brand		John Deere	John Deere
Engine norm		Stage IV / Tier 4 Final	Stage IV / Tier 4 Final
Engine model		PWL4045	PWL4045
Number of cylinders - Capacity of cylinders		4 - 4500 cm ³	4 - 274.61 in ³
I.C. Engine power rating / Power (kW)		141 Hp / 104 kW	141 Hp / 104 kW
Max. torque / Engine rotation		540 Nm/m @1600 tr/min	540 Nm/m @1600 tr/min
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	24.9 mph
Differential lock		Limited slip differential on front & rear axles	Limited slip differential on front & 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		Load sensing pump	Load sensing pump
Hydraulic flow - Pressure		200 l/min - 270 Bar	200 l/min - 19 PSI
Flow sharing distributor		Standard	Standard
Tank capacities			
Hydraulic oil		156 l	34.32 gal
Fuel tank		126 l	27.72 gal
Diesel Exhaust fluid (AdBlue® type)		12 l	2.64 gal
Noise and vibration			
Noise at driving position (LpA) tested following NF EN 12053 norm		74 dB(A)	74 dB(A)
Environmental noise (LwA)		105 dB(A)	105 dB(A)
Vibration to whole hand/arm		< 2.50 m/s ²	< 2.50 m/s ²
Miscellaneous			

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Safety tractor homologation / cab homologation		Safety tractor homologation - Cab ROPS - FOPS Level 2	Safety tractor homologation - Cab ROPS - FOPS Level 2
Controls		JSM	JSM

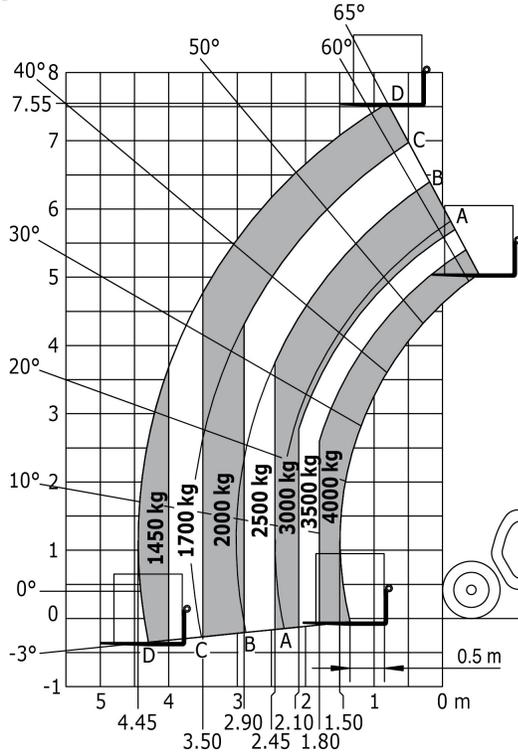
Options / Finishing

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

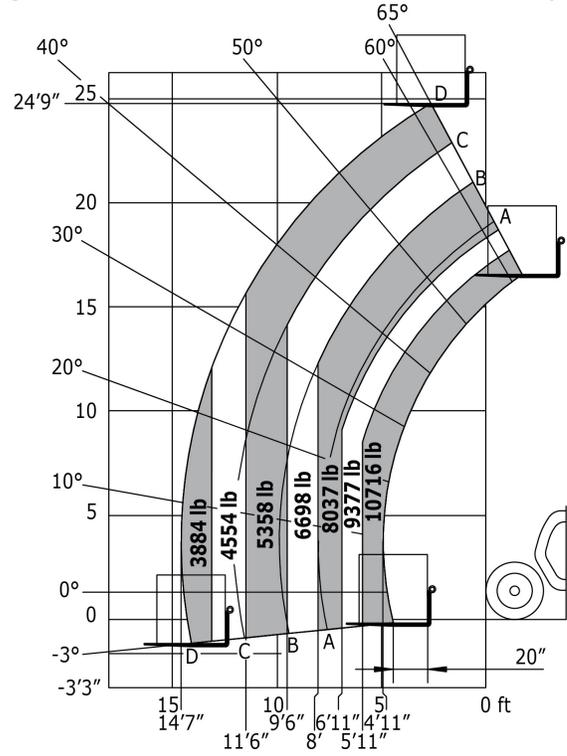
	Classic	Premium	Elite
Lifting function			
Electric predisposition on the top of the boom	O	O	O
Easy Connect System (E.C.S.)	S	S	S
Hydraulic attachment locking	O	O	O
Return pipe to hydraulic oil tank	O	O	O
Electrovalve for 2 hydraulic functions (on boom head)	O	O	O
"Intelligent Hydraulics"	O	O	S
"Regenerative Hydraulics"	O	S	S
pre fitted electric supply to the top of the boom (on fixed part)	O	O	-
Operator station			
Automatic wheel alignment	O	O	S
"Active CRC" boom suspension	O	O	S
Hand throttle with engine memo	O	O	S
Low frequency air suspension cloth-covered seat (GRAMMER)	O	O	S
Mechanical cloth-covered seat (GRAMMER)	S	-	-
Air suspension cloth-covered seat (GRAMMER)	O	S	-
Tuner car radio (50 W)	S	-	-
Bluetooth USB car radio with integrated microphone (100 W)	O	S	-
Bluetooth USB car radio with extra microphone (100 W)	O	O	S
Air conditioning with manual adjustment	O	S	S
Lateral wiper	S	S	S
Electric mirror with de-icing	O	O	S
Joystick Switch and Move (JSM) on floating & adjustable armrest	S	S	-
Roof wiper	S	S	S
CD MP3 car radio	S	-	-
Low frequency pneumatic cloth seat with heating (KAB)	O	-	-
safeview camera pack (X2)	O	O	-
Motorization/Power			
Auto Reversing Fan	S	-	-
Auto reversing fan	S	S	S
Continuous flow hydraulics	O	O	S
Ecostop	O	O	-
Attachment hydraulic line	S	S	-
Lighting			
Front and rear work lights on cab (x4: 2 front + 2 rear)	S	-	-
Front and rear LED work lights on cab (x4 : 2 front + 2 rear)	-	S	S
LED + (4 additional work lights)	O	O	S
led front road lights	O	O	-
Rear electric plug	S	S	-
Safety			
Audio warning on reverse	O	O	O
Rear windscreen defrost	S	S	S
Windshield protection grid	O	-	-
Centralized greasing points	S	S	-
Secondary functions			
Automatic rotating towing hitch on counterweight	O	O	O
Ladder hitch with choice of hooks	O	O	-
Hydraulic trailer brake	O	O	O
1 pair of pre-fitted Double Action rear hydraulic couplers	O	O	O
Manual rotating towing hitch	S	S	S
hydraulic pick-up hitch	-	O	-

Load chart

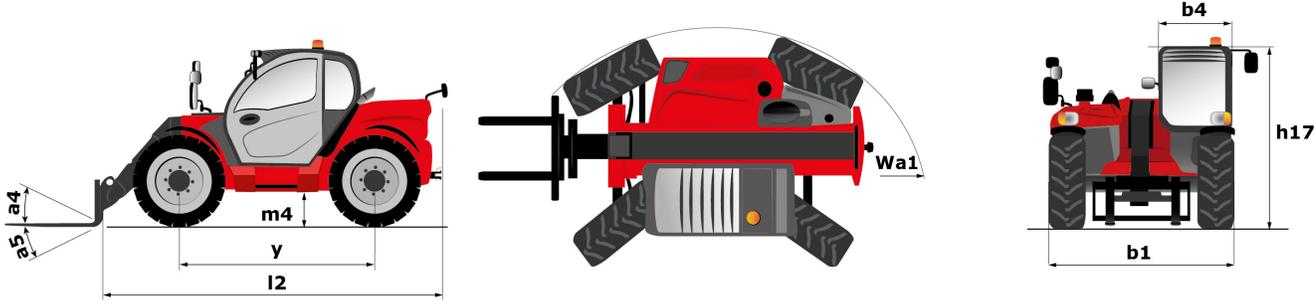
Rough terrain load chart (EN 1459 B) Metric



Rough terrain load chart (EN 1459 B) Imperial



Dimensional drawing





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