

Technical sheet :

# **MLT 840-145 PS+**

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Capacities		Metric
Max. capacity	Q	4000 kg
Max. lifting height	h3	7.55 m
Max. outreach	r1	4.45 m
Reach at max. height		0.90 m
Breakout force with bucket		5500 daN
Weight and dimensions		
Unladen weight (with forks)		8410 kg
Ground clearance	m4	0.43 m
Wheelbase	y	2.88 m
Overall length to carriage (with hitch)	l11	5.37 m
Front overhang		1.47 m
Overall width	b1	2.39 m
Overall cab width	b4	1 m
Overall height	h17	2.39 m
Tilt-down angle	a5	135 °
Tilt-up angle	a4	12 °
External turning radius (over tyres)	Wa1	3.74 m
Standard tyres		Trelleborg - TH400 - 460/70 R24 159A8
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2
Performances		
Lifting		6.60 s
Lowering		4.80 s
Extension		6.30 s
Retraction		5.20 s
Crowd		3 s
Dump		2.40 s
Engine		
Engine brand		John Deere
Engine nom		Stage IV / Tier 4 Final
Engine model		PWL4045
Number of cylinders - Capacity of cylinders		4 - 4500 cm³
I.C. Engine power rating / Power (kW)		141 Hp / 104 kW
Max. torque / Engine rotation		540 Nm @1600 rpm
Drawbar pull (Laden)		9300 daN
Reversible fan		Standard
Engine cooling system		4 radiators (water + intercooler + hydraulic oil + transmission oil)
Transmission		
Transmission type		Torque Converter
Gearbox		M-Shift
Number of gears (forward / reverse)		5 / 3
Max. travel speed (may vary according to applicable regulations)		40 km/h
Differential lock		Limited slip differential on front & rear axles
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs on front & rear axles
Hydraulics		
Hydraulic pump type		Load sensing pump
Hydraulic flow - Pressure		200 l/min - 270 Bar
Flow sharing distributor		Standard
Tank capacities		
Hydraulic oil		156 l
Fuel tank		126 l
Diesel Exhaust fluid (AdBlue® type)		12 l
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm		74 dB(A)
Environmental noise (LWA)		105 dB(A)
Vibration to whole hand/arm		< 2.50 m/s²
Miscellaneous		
Tractor homologation		Tractor homologation
Safety cab homologation		ROPS - FOPS cab (level 2)
Controls		JSM

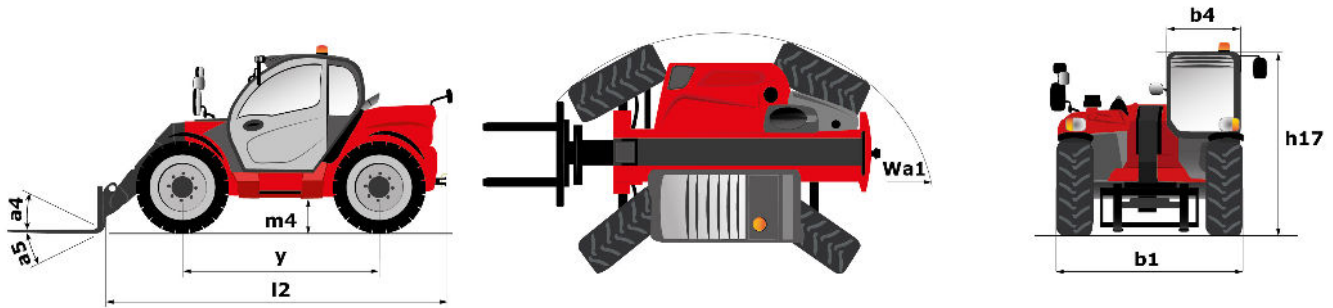
## Options / Finishing

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

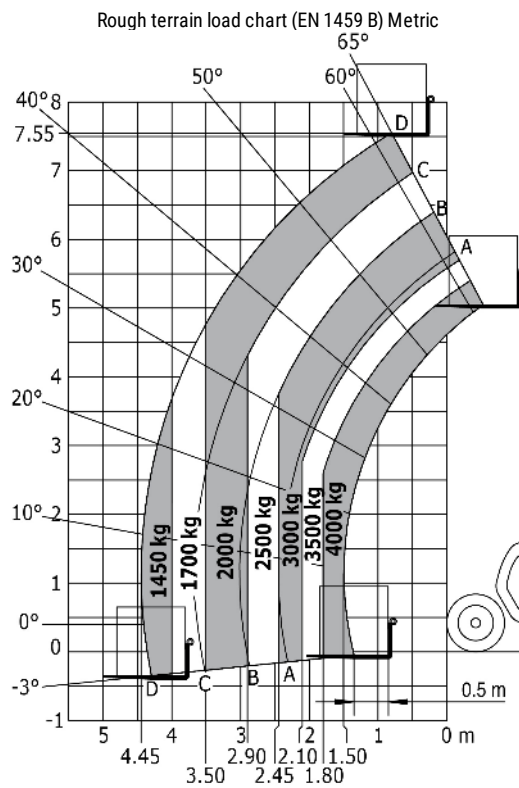
	Classic	Premium	Elite
Lifting function			
Easy Connect System (E.C.S.)	S	S	S
Electric predisposition on the top of the boom	O	O	O
Electrovalve for 2 hydraulic functions (on boom head)	O	O	O
Hydraulic attachment locking	O	O	O

	Classic	Premium	Elite
Intelligent Hydraulics	0	0	S
Pre fitted electric supply to the top of the boom (on fixed part)	0	0	-
Regenerative Hydraulics	0	S	S
Return pipe to hydraulic oil tank	0	0	0
<b>Operator station</b>			
*Active CRC" boom suspension	0	0	S
Air conditioning with manual adjustment	0	S	S
Air suspension cloth-covered seat (GRAMMER)	0	S	-
Automatic wheel alignment	0	0	S
Bluetooth USB car radio with extra microphone (100 W)	0	0	S
Bluetooth USB car radio with integrated microphone (100 W)	0	S	-
CD MP3 car radio	S	-	-
Electric mirror with de-icing	0	0	S
Hand throttle with engine memo	0	0	S
Joystick Switch and Move (JSM) on floating & adjustable armrest	S	S	-
Lateral wiper	S	S	S
Low frequency air suspension cloth-covered seat (GRAMMER)	0	0	S
Low frequency pneumatic cloth seat with heating (KAB)	0	-	-
Mechanical cloth-covered seat (GRAMMER)	S	-	-
Roof wiper	S	S	S
Safeview Camera Pack (X2)	0	0	-
Tuner car radio (50 W)	S	-	-
<b>Motorization/Power</b>			
Attachment hydraulic line	S	S	-
Auto reversing fan	S	S	S
Auto Reversing Fan	S	-	-
Continuous flow hydraulics	0	0	S
Ecostop	0	0	-
<b>Secondary functions</b>			
1 pair of pre-fitted Double Action rear hydraulic couplers	0	0	0
Automatic rotating towing hitch on counterweight	0	0	0
Hydraulic pick-up hitch	-	0	-
Hydraulic trailer brake	0	0	0
Ladder hitch with choice of hooks	0	0	-
Manual rotating towing hitch	S	S	S
<b>Lighting</b>			
Front and rear LED work lights on cab (x4 : 2 front + 2 rear)	-	S	S
Front and rear work lights on cab (x4: 2 front + 2 rear)	S	-	-
LED + (4 additional work lights)	0	0	S
led front road lights	0	0	-
Rear electric plug	S	S	-
<b>Safety</b>			
Audio warning on reverse	0	0	0
Centralized greasing points	S	S	-
Rear windscreen defrost	S	S	S
Windshield protection grid	0	-	-

## Dimensional drawing



## Load chart





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