

Technical sheet :

# MLT 841-145 PS+



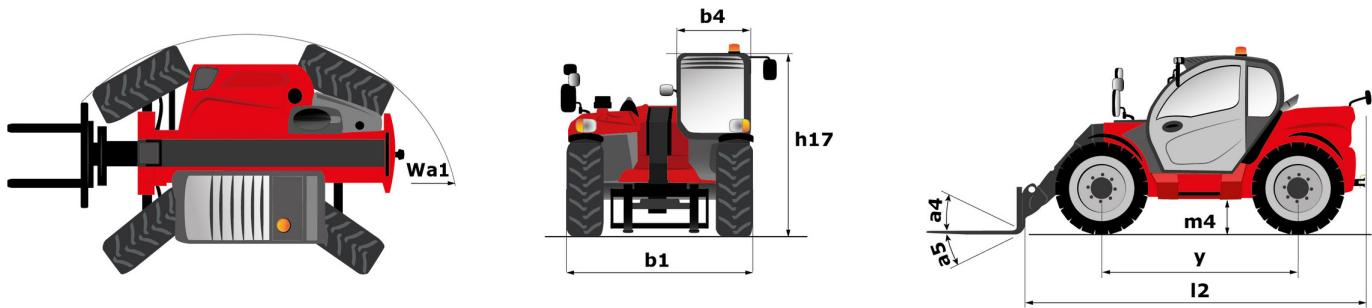
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Capacities		Metric	
Max. capacity	Q	4100 kg	
Max. lifting height	h3	7.60 m	
Maximum outreach		4.45 m	
Reach at max. height		0.90 m	
Breakout force with bucket		5268 daN	
Weight and dimensions			
Unladen weight (with forks)		9160 kg	
Ground clearance	m4	0.43 m	
Wheelbase	y	2.88 m	
Overall length to carriage (with hitch)	l11	5.40 m	
Overall length to carriage (without hitch)	l3	5.23 m	
Front overhang		1.50 m	
Overall width	b1	2.39 m	
Overall cab width	b4	0.99 m	
Overall height	h17	2.42 m	
Tilt-down angle	a5	135 °	
Tilt-up angle	a4	12 °	
External turning radius (over tyres)	Wa1	3.74 m	
Standard tires		Michelin - XMCL - 460/70 R24 159A8	
Drive wheels (front / rear)		2 / 2	
Steering mode		Manicrab, 2 wheel steer, 4 wheel steer, Crab mode	
Performances			
Lifting		6.40 s	
Lowering		4.60 s	
Extension		6.10 s	
Retraction		5.20 s	
Crowd		3 s	
Dump		2.20 s	
Engine			
Engine brand		Yanmar	
Engine norm		Stage V / Tier 4 Final	
Engine model		4TN107FHT-5MUF	
Number of cylinders - Capacity of cylinders		4 - 4567 cm³	
Engine power (Hp / kW)		141 Hp / 105 kW	
Max. torque / Engine rotation		602 Nm @1500 rpm	
Drawbar pull (Laden)		8727 daN	
Reversible fan		Standard	
Engine cooling system		4 radiators (water + intercooler + hydraulic oil + transmission oil)	
Transmission			
Transmission type		Torque converter with powershift gearbox	
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 and rear axles	
Parking brake		Automatic negative parking brake	
Service brake		Oil-immersed multi-discs braking on front & rear axles	
Hydraulics			
Hydraulic pump type		Variable displacement pump	
Hydraulic flow - Pressure		200 l/min - 270 bar	
Flow sharing distributor		Standard	
Tank capacities			
Hydraulic tank capacity		141 l	
Fuel		142 l	
Diesel Exhaust fluid (AdBlue® type)		21.50 l	
Noise and vibration			
Noise at driving position (LpA) tested following NF EN 12053 norm		69 dB	
Noise to environment (LwA)		105 dB	
Vibration on hands/arms		2.50 m/s²	
Miscellaneous			
Tractor homologation		Tractor homologation	
Cab certification		Cabin ROPS - FOPS level 2	
Controls		JSM	

## Optional tires tab

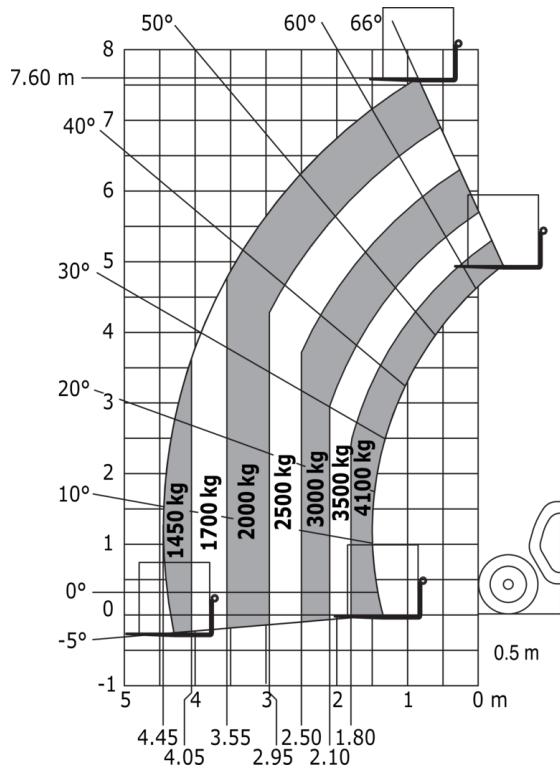
	Overall height	Overall width
ALLIANCE - A580 - 460/70 R24 159A8	2.53 m	2.38 m
ALLIANCE - A585 - 460/70 R24 159A8	2.53 m	2.39 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.52 m	2.39 m
MICHELIN - BIBLOAD - 500/70 R24 164A8	2.54 m	2.42 m
MICHELIN - XMCL - 460/70 R24 159A8	2.53 m	2.39 m
MICHELIN - XMCL - 500/70 R24 164A8	2.55 m	2.43 m
TRELLEBORG - TH400 - 460/70 R24 159A8	2.52 m	2.39 m
TRELLEBORG - TH400 - 500/70 R24 164A8	2.55 m	2.42 m
TRELLEBORG - TH500 - 460/70 R24 159A8	2.53 m	2.41 m
VREDESTEIN - ENDURION - 460/70 R24 159A8	2.54 m	2.40 m
VREDESTEIN - ENDURION - 500/70 R24 164A8	2.56 m	2.44 m

## MLT 841-145 PS+ - Dimensional drawing

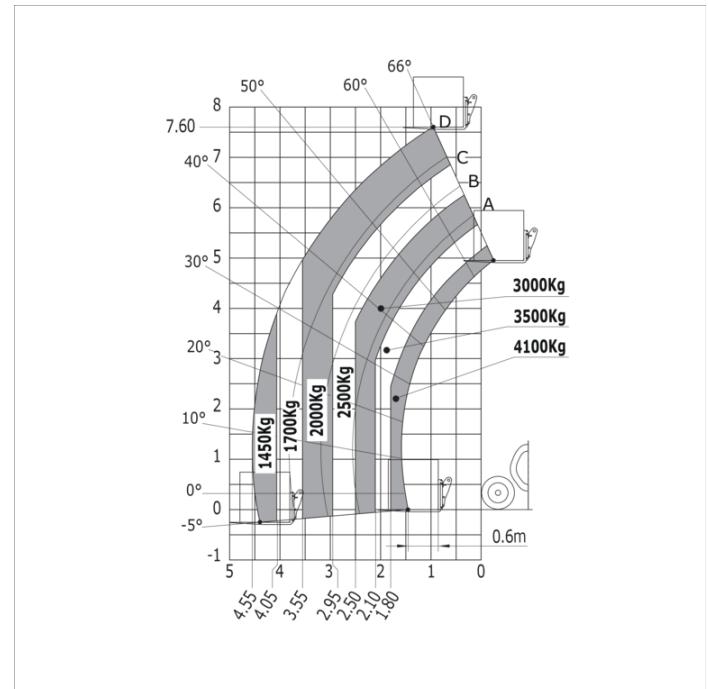


## MLT 841-145 PS+ - Load chart

Machine on tires with forks Metric



Machine on tires with forks LC 600 mm Metric





# **MANITOU** HANDLING YOUR WORLD

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