

Technical sheet :

# MLT-X 1041-145 PS+L



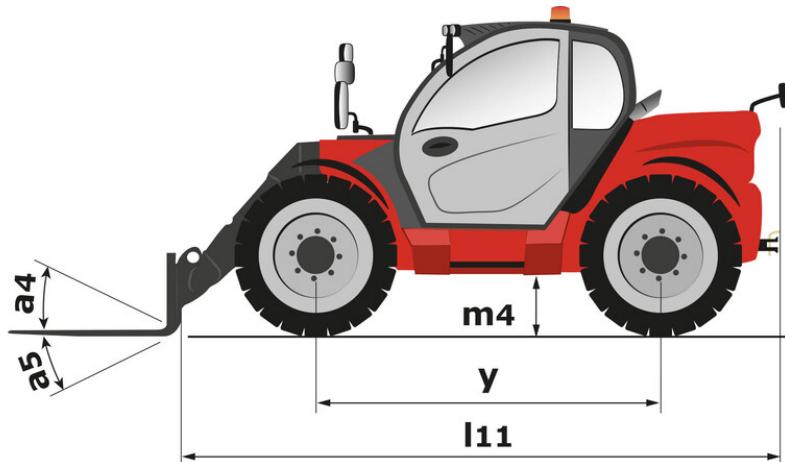
 **MANITOU**  
HANDLING YOUR WORLD

Capacities		Metric	
Max. capacity	Q	4100 kg	
Max. lifting height	h3	9.65 m	
Maximum outreach		6.50 m	
Reach at max. height		1.50 m	
Breakout force with bucket		5043 daN	
Weight and dimensions			
Unladen weight (with forks)		9690 kg	
Ground clearance	m4	0.43 m	
Wheelbase	y	2.88 m	
Overall length to carriage (with hitch)	l11	5.20 m	
Overall length to carriage (without hitch)	l3	5.03 m	
Front overhang		1.30 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	
Frame leveling corrector	a9	7 °	
Performances			
Lifting		6.60 s	
Lowering		4.70 s	
Extension		9.50 s	
Retraction		6.90 s	
Crowd		3.70 s	
Dump		2.80 s	
Engine			
Engine brand		Yanmar	
Engine norm		Stage IIIA	
Max. fuel sulphur content		1000 ppm	
Engine model		4TN107HT-5SMUF	
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)		9130 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	
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

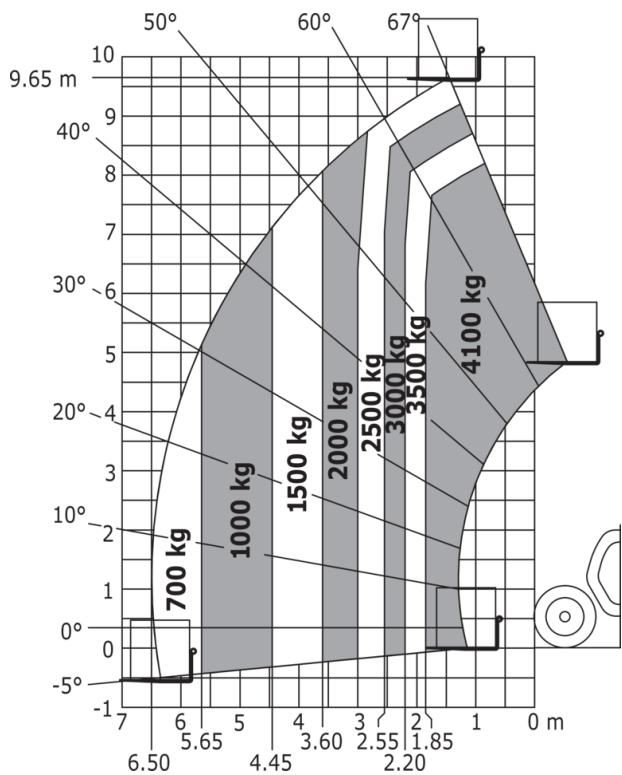
	Overall height	Overall width
ALLIANCE - A580 - 460/70 R24 159A8	-	-
ALLIANCE - A585 - 460/70 R24 159A8	-	-
MICHELIN - BIBLOAD - 460/70 R24 159A8	-	-
MICHELIN - BIBLOAD - 500/70 R24 164A8	-	-
MICHELIN - XMCL - 500/70 R24 164A8	-	-
TRELLEBORG - TH400 - 460/70 R24 159A8	-	-
TRELLEBORG - TH400 - 500/70 R24 164A8	-	-
TRELLEBORG - TH500 - 460/70 R24 159A8	-	-
VREDESTEIN - ENDURION - 460/70 R24 159A8	-	-
VREDESTEIN - ENDURION - 500/70 R24 164A8	-	-

## MLT-X 1041-145 PS+L - Dimensional drawing



## MLT-X 1041-145 PS+L - Load chart

Machine on tires with forks Metric





# **MANITOU** HANDLING YOUR WORLD

## Head Office

B.P. 249 - 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](http://www.manitou.com)



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes