Technical sheet :

MLT 841-145 PS+





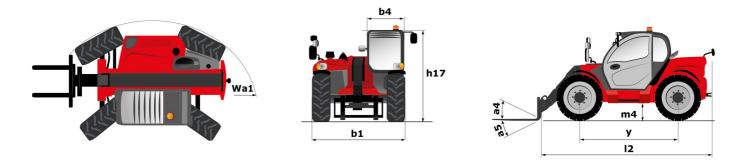
MLT 841-145 PS+ Created on May 3, 2024 at 11:53:36 AM UTC

pacilies xx. capacity xx. indipacity xx. indipacity xx. outeach ach at max. height ach at max deg with buckt arall length to cariage (with hitch) areal length to cariage (with butch thitch) areal length to cariage (with butch thitch)<	Q h3 m4 y l11 13 b1 b4 h17 a5 a4 Wa1	Metric 4100 kg 7.60 m 4.45 m 0.90 m 5268 daN 9160 kg 0.43 m 2.88 m 5.40 m 5.23 m 1.50 m 2.39 m 0.99 m 2.42 m 135 ° 12 ° 3.74 m Michelin - XMCL - 460/70 R24 159A8 2 / 2 2 / 2
x. capacity x. cipracity x. cipracity x. cipracity x. contraccity x. contraccity x. contraccity contraction contra	h3 m4 y l11 l3 b1 b4 h17 a5 a4	4100 kg 7.60 m 4.45 m 0.90 m 5268 daN 9160 kg 0.43 m 2.88 m 5.40 m 5.23 m 1.50 m 2.39 m 0.99 m 2.42 m 135 ° 12 ° 3.74 m Michelin - XMCL - 460/70 R24 159A8 2 / 2 2 / 2
x. lifting height x. outeach ach at max. height ackout foce with bucket alght and dimensions laden weight (with forks) oound clearance weight (with forks) oound clearance elebase erall length to carriage (with uitch) erall length to carriage (without hitch) ont ovehang erall with erall length to carriage (without hitch) ont ovehang erall with erall ack with era	h3 m4 y l11 l3 b1 b4 h17 a5 a4	7.60 m 4.45 m 0.90 m 5268 daN 9160 kg 0.43 m 2.88 m 5.40 m 5.23 m 1.50 m 2.39 m 0.99 m 2.42 m 135 ° 12 ° 3.74 m Michelin - XMCL - 460/70 R24 159A8 2 / 2 2 / 2
ax. outreach ach at max. height ach at max. height ach at max. height backet ba	m4 y 111 13 b1 b4 h17 a5 a4	4.45 m 0.90 m 5268 daN 9160 kg 0.43 m 2.88 m 5.40 m 5.23 m 1.50 m 2.39 m 0.99 m 2.42 m 135 ° 12 ° 3.74 m Michelin - XMCL - 460/70 R24 159A8 2 / 2 2 / 2
ach at max. height akout force with bucket alight and dimensions alight models ander weight (with forks) bund clearance alight to carriage (with hitch) erail length to carriage (with hitch	y 111 13 b1 b4 h17 a5 a4	0.90 m 5268 daN 9160 kg 0.43 m 2.88 m 5.40 m 5.23 m 1.50 m 2.39 m 0.99 m 2.42 m 135 ° 12 ° 3.74 m Michelin - XMCL - 460/70 R24 159A8 2 / 2 2 / 2
eakout force with bucket light and dimensions laden weight (with forks) ound clearance evelbase erall length to carriage (with hitch) erall length to carriage (without hitch) ont ovehang erall might carriage (without hitch) ont ovehang erall dat with erall cab with erall cab with erall beight tdown angle tup angle tup angle tup angle tup angle tup angle tup angle tup angle tup angle totomances migned ting totomances ting tension	y 111 13 b1 b4 h17 a5 a4	5268 daN 9160 kg 0.43 m 2.88 m 5.40 m 5.23 m 1.50 m 2.39 m 0.99 m 2.42 m 135 ° 12 ° 3.74 m Michelin - XMCL - 460/70 R24 159A8 2 / 2 2 / 2
sight and dimensions laden weight (with forks) ound clearance seebbase reall length to carriage (with hitch) erall length to carriage (without hitch) not overhang erall add the carriage (without hitch) not overhang erall vith erall with erall vith erall vith erall add with erall vith erall segith tofown angle erall height tofown angle tup angle ternal turning radius (over tyres) andard tires vie wheels (front / rear) formances ting weing tersion traction owd gine brand gine norm gine norm gine norm sine norm sine norm weing (Laden) versible fan gine cooling system	y 111 13 b1 b4 h17 a5 a4	9160 kg 0.43 m 2.88 m 5.40 m 5.23 m 1.50 m 2.39 m 0.99 m 2.42 m 135 ° 12 ° 3.74 m Michelin - XMCL - 460/70 R24 159A8 2 / 2 2 / 2 6.40 s 4.60 s
Taken weight (with forks) ound clearance weightse erall length to carriage (with hitch) erall length to carriage (without hitch) ont overhang erall width erall width erall beight to carriage (without hitch) to carriage (without hitch) erall width erall beight to carriage (without hitch) erall width erall beight to carriage (with hitch) erall width erall beight to carriage (without hitch) erall beight to carriage (with hitch) erall beight to carriage (with hitch) erall beight to carriage (with hitch) erall beight to carriage (arriage (arriag	y 111 13 b1 b4 h17 a5 a4	0.43 m 2.88 m 5.40 m 5.23 m 1.50 m 2.39 m 0.99 m 2.42 m 135 ° 12 ° 3.74 m Michelin - XMCL - 460/70 R24 159A8 2 / 2 2 / 2 6.40 s 4.60 s
bund clearance heelbase heelba	y 111 13 b1 b4 h17 a5 a4	0.43 m 2.88 m 5.40 m 5.23 m 1.50 m 2.39 m 0.99 m 2.42 m 135 ° 12 ° 3.74 m Michelin - XMCL - 460/70 R24 159A8 2 / 2 2 / 2 6.40 s
neelbase erall length to carriage (with hitch) erall length to carriage (without hitch) ont overhang erall neight carriage (without hitch) ont overhang erall didth erall length to carriage (without hitch) ont overhang erall didth erall length to carriage (without hitch) ont overhang erall didth erall length to carriage (without hitch) ont overhang erall didth erall length to carriage (without hitch) ont overhang erall didth erall length to carriage (without hitch) ont overhang erall didth erall length to carriage (without hitch) ont overhang erall didth erall length to carriage (without hitch) ont overhang erall didth erall length to carriage (without hitch) ont overhang erall didth erall length to carriage (without hitch) ont overhang erall didth erall length to carriage (without hitch) ont overhypes) and difte erall version ont overhypes erall didth erall length to carriage (without hitch) ont overhypes) erall didth erall length to carriage (without hitch) erall l	y 111 13 b1 b4 h17 a5 a4	2.88 m 5.40 m 5.23 m 1.50 m 2.39 m 0.99 m 2.42 m 135 ° 12 ° 3.74 m Michelin - XMCL - 460/70 R24 159A8 2 / 2 2 / 2 6.40 s 4.60 s
erall length to carriage (with hitch) erall length to carriage (without hitch) nt overhang erall length to carriage (without hitch) nt overhang erall length to carriage (without hitch) nt overhang erall add the erall cab width erall cab w	111 13 b1 b4 h17 a5 a4	5.40 m 5.23 m 1.50 m 2.39 m 0.99 m 2.42 m 135 ° 12 ° 3.74 m Michelin - XMCL - 460/70 R24 159A8 2 / 2 2 / 2 6.40 s 4.60 s
erall length to carriage (without hitch) ont overhang erall width erall adwidth erall adwidth erall adwidth erall height t-todown angle t-tup angle t-tup angle t-tup angle t-tup angle tensils (over tyres) andard tires ive wheels (front / rear) cering weels (front / rear) cering weels (front / rear) cering weels (front / rear) formances fing wering tension traction owd dime gine mon gine brand gine nom gine model imber of cylinders - Capacity of cylinders .: Engine power rating / Power eax. torque / Engine rotation awbar pull (Laden) versible fan gine cooling system	13 b1 b4 h17 a5 a4	5.23 m 1.50 m 2.39 m 0.99 m 2.42 m 135 ° 12 ° 3.74 m Michelin - XMCL - 460/70 R24 159A8 2 / 2 2 / 2 6.40 s 4.60 s
and overhang erall width erall cab width erall cab width erall cab width erall cab width erall beight tdown angle tup angle tetmal tuming radius (over tyres) andard tires tetmal tuming radius (over tyres) andard tires we wheels (front / rear) eraring wheels (front / rear) eraring wheels (front / rear) formances formances formances formances formances it ing gene tension traction cowd comd gene gene gene gene gene gene gene gen	b1 b4 h17 a5 a4	1.50 m 2.39 m 0.99 m 2.42 m 135 ° 12 ° 3.74 m Michelin - XMCL - 460/70 R24 159A8 2 / 2 2 / 2 6.40 s 4.60 s
erall width erall cab width erall cab width erall cab width erall height tdown angle tup angle tup angle temal tuming radius (over tyres) andard tires verwheels (front / rear) eraring wheels (front / rear) formances formances formances formances iting wering tension traction owd formances igine monel gine monel gine norm gin	b4 h17 a5 a4	2.39 m 0.99 m 2.42 m 135 ° 12 ° 3.74 m Michelin - XMCL - 460/70 R24 159A8 2 / 2 2 / 2 2 / 2 6.40 s 4.60 s
erall cab width erall height tdown angle tdup angle temal turning radius (over tyres) andard tires temal turning radius (over tyres) andard tires twe wheels (front / rear) exering wheels (front / rear) exering wheels (front / rear) tractor formances tractor trac	b4 h17 a5 a4	0.99 m 2.42 m 135 ° 12 ° 3.74 m Michelin - XMCL - 460/70 R24 159A8 2 / 2 2 / 2 2 / 2
erall height t-down angle t-up angle termal turning radius (over tyres) andard tires terma turning radius (over tyres) andard tires terma turning radius (over tyres) andard tires vere wheels (front / rear) formances formances formances tradion tradion wering tension te	h17 a5 a4	2.42 m 135 ° 12 ° 3.74 m Michelin - XMCL - 460/70 R24 159A8 2 / 2 2 / 2 6.40 s 4.60 s
town angle tup angle ternal tuming radius (over tyres) andard tires twe wheels (front / rear) sering wheels (front / rear) formances for	a5 a4	135 ° 12 ° 3.74 m Michelin - XMCL - 460/70 R24 159A8 2 / 2 2 / 2 6.40 s 4.60 s
t-up angle temal tuming radius (over tyres) andard tires we wheels (front / rear) tering wheels (front / rear) formances fing wering tension traction owd amp gline gline gline brand gline norm gline norm gline norm gline norm gline norm gline power rating / Power ax. torque / Engine rotation awbar pull (Laden) versible fan gline cooling system ansmission	a4	12 ° 3.74 m Michelin - XMCL - 460/70 R24 159A8 2 / 2 2 / 2 6.40 s 4.60 s
temal tuming radius (over tyres) andard tires we wheels (front / rear) eering wheels (front / rear) formances fing wering tension traction owd traction owd gine gine gine gine gine brand gine norm gine model umber of cylinders - Capacity of cylinders Engine power rating / Power ax. torque / Engine rotation awbar pull (Laden) versible fan gine cooling system ansmission		3.74 m Michelin - XMCL - 460/70 R24 159A8 2 / 2 2 / 2 6.40 s 4.60 s
temal tuming radius (over tyres) andard tires we wheels (front / rear) eering wheels (front / rear) formances fing wering tension traction owd traction owd gine gine gine gine gine brand gine norm gine model umber of cylinders - Capacity of cylinders Engine power rating / Power ax. torque / Engine rotation awbar pull (Laden) versible fan gine cooling system ansmission		3.74 m Michelin - XMCL - 460/70 R24 159A8 2 / 2 2 / 2 6.40 s 4.60 s
andard tires ive wheels (front / rear) formances fing wering tension traction owd mp gine gine brand gine norm gine norm gine norm gine norm gine power rating / Power ax. torque / Engine rotation awbar pull (Laden) versible fan gine cooling system ansmission		Michelin - XMCL - 460/70 R24 159A8 2 / 2 2 / 2 6.40 s 4.60 s
ive wheels (front / rear) formances fing wering tension traction owd owd mp gine gine brand gine norm gine norm gine norm gine norm system tating / Power ax. torque / Engine rotation awbar pull (Laden) versible fan gine cooling system ansmission		2 / 2 2 / 2 6.40 s 4.60 s
eering wheels (front / rear) formances fing wering tension traction owd mp gine gine gine gine gine norm gine nord gine norm gine nord gine norm gine nord g		2 / 2 6.40 s 4.60 s
fomances ting wering tension traction owd mp gine gine gine brand gine norm gine norm gine norm gine norm gine norm gine norm gine nordel Imber of cylinders - Capacity of cylinders Engine power rating / Power ax. torque / Engine rotation awbar pull (Laden) versible fan gine cooling system ansmission		6.40 s 4.60 s
iting wering wering tension traction owd imp gine gine gine brand gine norm gine norm gine power rating / Power ax. torque / Engine rotation awbar pull (Laden) versible fan gine cooling system ansmission		4.60 s
wering tension traction owd omp gine gine brand gine norm gine norm gine norm gine norm ser of cylinders - Capacity of cylinders .: Engine power rating / Power ax. torque / Engine rotation awbar pull (Laden) versible fan gine cooling system ansmission		4.60 s
tension traction owd imp gine gine brand gine norm gine model imber of cylinders - Capacity of cylinders .: Engine power rating / Power ax. torque / Engine rotation awbar pull (Laden) versible fan gine cooling system ansmission		
traction owd comp comp comp comp comp comp comp comp		(10 -
owd mp gine gine brand gine norm gine model mber of cylinders - Capacity of cylinders c. Engine power rating / Power ax. torque / Engine rotation awbar pull (Laden) versible fan gine cooling system ansmission		6.10 s
mp gine gine brand gine norm gine model mber of cylinders - Capacity of cylinders : Engine power rating / Power ax. torque / Engine rotation awbar pull (Laden) versible fan gine cooling system		5.20 s
gine gine brand gine norm gine model umber of cylinders - Capacity of cylinders c. Engine power rating / Power ax. torque / Engine rotation awbar pull (Laden) versible fan gine cooling system ansmission		3 s
gine gine brand gine norm gine model umber of cylinders - Capacity of cylinders c. Engine power rating / Power ax. torque / Engine rotation awbar pull (Laden) versible fan gine cooling system ansmission		2.20 s
gine brand gine norm gine model Imber of cylinders - Capacity of cylinders Imber of cylind		
gine norm gine model Imber of cylinders - Capacity of cylinders I. Engine power rating / Power ax. torque / Engine rotation awbar pull (Laden) versible fan gine cooling system ansmission		Yanmar
gine model mber of cylinders - Capacity of cylinders Engine power rating / Power ax. torque / Engine rotation awbar pull (Laden) versible fan gine cooling system ansmission		
mber of cylinders - Capacity of cylinders Engine power rating / Power ax. torque / Engine rotation awbar pull (Laden) versible fan gine cooling system ansmission		Stage V / Tier 4 Final
:. Engine power rating / Power ax. torque / Engine rotation awbar pull (Laden) versible fan gine cooling system ansmission		4TN107FHT-5SMUF
ax. torque / Engine rotation awbar pull (Laden) versible fan gine cooling system ansmission		4 - 4567 cm³
awbar pull (Laden) versible fan gine cooling system ansmission		141 Hp / 105 kW
versible fan gine cooling system ansmission		602 Nm @1500 rpm
gine cooling system ansmission		8727 daN
ansmission		Standard
		4 radiators (water + intercooler + hydraulic oil - transmission oil)
ansmission type		Torque converter with powershift gearbox
arbox		M-Shift
Imber of gears (forward / reverse)		5 / 3
ax. travel speed (may vary according to applicable regulations)		40 km/h
fferential lock		Limited slip differential on front and rear axle
rking brake		Automatic negative parking brake
nice brake		Oil-immersed multi-discs braking on front & re- axles
draulics		
draulic pump type		Variable displacement pump
draulic flow - Pressure		200 l/min - 270 bar
w sharing distributor		Standard
nk capacities		
draulic oil		141
el tank		142
esel Exhaust fluid (AdBlue® type)		21.50 l
ise and vibration		
ise at driving position (LpA) tested following NF EN 12053 norm		69 dB
ise to environment (LwA)		105 dB
pration to whole hand/arm		< 2.50 m/s²
scellaneous		
actor homologation		
fety cab homologation		Tractor homologation
introls		Tractor homologation ROPS - FOPS level 2 cab

Optional tires tab

Optional tires	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





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



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