Technical sheet:

# MLT 850-145 V+





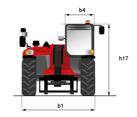
Max. capacity		<b>MLT 850-145 V+</b> Created on May 4, 2024 at 10:50:31 F
No.   1500 pringing	Capacities	Metric
A.5.5 m   A.5.	Max. capacity	Q 4999 kg
Read of the risk black to be a position of the risk black black black to be a position of the risk black	Max. lifting height	h3 7.60 m
Sept of American   Sept of Ame	Max. outreach	4.55 m
Wing based of mested on middle weight (mid fork)         10090 kg           simulated weight (mid fork)         m.d.         0.55 m           simulated sections (with hills)         131         5.57 m           yeard largety (with hills)         13         5.55 m           send containing         15         2.48 m           send containing         15         2.48 m           send containing         15         2.48 m           send containing         15         2.28 m           send containing         15         2.28 m           little containing         45         1.22 m           little containing edition (over yeas)         45 <td>Reach at max. height</td> <td>0.90 m</td>	Reach at max. height	0.90 m
101918 kg   1019	Breakout force with bucket	8670 daN
Description	Weight and dimensions	
Meebbase         y         2.94 m           Weeblassings (sulfoothbist)         111         5.57 m           Deveal langth to castings (sulfoothbist)         13         5.54 m           Deveal langth to castings (sulfoothbist)         15         2.59 m           Deveal langth to castings (sulfoothbist)         16         2.49 m           Deveal langth         15         2.29 m           Deveal langth         157         2.58 m           How and the flooth of the command of the com	Unladen weight (with forks)	10780 kg
15   15   15   15   15   15   15   15	Ground clearance	m4 0.45 m
Pare	Wheelbase	y 2.94 m
	Overall length to carriage (with hitch)	
1.5.5 m   1.5.		
Description		
Description		
Pace	Overall cab width	
The form analog		
Histop apple   Ad 12   12   12   13   13   13   13   13	•	
zitemal tuming adus (over tyes)         AJA m           Matebadd tiles         Alliance - ASS0-500078 R24 164A8           Joine wheels (front / rear)         2 / 2           John eening wheels (front / rear)         2 / 2           Verbreefing         6.60 s           Verbreefing         6.60 s           Verbreefing         4.90 s           Streams         5.70 s           Volume         3.10 s           Volume         4.20 s           Volume         3.10 s           Volume         4.10 s           Volume         4.1		
Alliance - A580 - 500 / 70 R / 4 1 6 A8 0		
Driew whereld (front / ray)         2 / 2           Infling         6.0 s           Ownering         4.90 s           Attention         6.0 s           Interest         5.70 s           Interest         5.70 s           Interest         4.20 s           Journey         3.10 s           Interest         Yannar           Ingine Road         Yannar           Ingine model         Yannar           Ingine model         4.00 pm           Ingine model         4.00 pm           Ingine model         4.457 cm²           Ingine model         4.457 cm²           Ingine conting / Fower         1.11 pm           Ingine conting per model         4.25 cm²           Ingine conting per model         4.25 cm²           Ingine per model         4.11 pm		
2 / 2   2   2   2   2   2   2   2   2		
Varied manaces         6.60 s           Working         4.90 s           A 490 s         4.90 s           Streams on         6.50 s           Streams on         5.70 s           Strowd         4.20 s           Strough         3.10 s           Singline         4.20 s           Strough         3.10 s           Singline band         9           Ingline band         1000 ppm           Ingline model         \$1000 ppm           Ingline model         4.100 FM		
1566   1566		2/2
owening         4.00 s           streaming         6.20 s           streaming         5.70 s           strowd         3.10 s           singline         3.10 s           singline         3.10 s           singline barned         Yanmar           rispline barned         Stage V. Hier 4 Final           fixer, fuel sulphur content         1000 ppm           rispline model         4 * 4567 cm²           C. Engine power flauling / Power         141 Hy / 105 kW           fixer, to explicitly of cylinders         60 kM mg 1500 ppm           fixer, to explicate fixer for the state of the stage of the state of the stage of the stag		6.60 a
ixtension         6.30 s           forword         3.70 s           jump         3.10 s           angle		
Internation   1.00	•	
Stand		
tump found in the stand in the		
ingline in grigine in many and an any in grigine in many and and any in grigine in many and and any in grigine in many and and any in grigine in many and any in grigine moder in 1000 ppm in ingline model in 1000 ppm in grigine moder in 4.4 - 450° cm² 4.4 - 450°		
ringe brand         Yannar           ringe brand         Stage V/ Tier 4 Final And Ander Led Sulphut content         1000 ppm           ringine model         4 Th107FHT-SMUF           unbrushed of lydinders - Capacity of cylinders         4 4.6507 cm²           C. Engine power rating / Power         141 Hp / 105 kW           dax. torque / Engine rotation         692 Nm @1500 pm           value / Engine rotation         9150 daN           kewersible fan         5 Sandard           ringine cooling system         3 radiators water intercooler + transmission of ransmission type         Continuously variable transmission of ransmission bype           searbox         M-Vario Plus         40 km/h           fax. travel speed (may vary according to applicable regulations)         40 km/h         Limited slip differential on front and rear axles axles axles bydraulic low - Pressure         Automatio negative parking brake oliver brake axles braking on front & rea axles axles bydraulic flow - Pressure         Variable displacement pump bydraulic flow - Pressure         Variable displacement pump bydraulic oil untertained of the rear axles axles axles braking distributor         Standard           size ele Exhaust fluid (Additue® type)         5 200 l/min - 270 bar         142 I           losse at driving position (LpA) tested following NF EN 1203 norm         6 9 dB         105 dB           losse at driving position (LpA) tested following NF EN 1203 norm		3.10 s
ingine nome         Stage V / Tier 4 Final 1000 ppm           dax. feel sulphur content 1 (abx. feel sulphur content 2 (sinders - Capacity of cylinders - Capacity of cylinde		
Aax. Fuel sulphur content         1000 ppm           Agine model         4TN107FH75SMUF           Unable of cylinders - Capacity of cylinders         4-4557 cm²           C. Engine power rating / Power         141 Hp / 105 kW           Aax. Engine for rotation         602 Nm @1500 pm           Aax. Engine for rotation         9160 dath           Reversible fran         3 radiators water # Intercolorer * # transmission of processing system           Constitutions by remaining the color of the processing system         Continuously variable transmission of processing system           Case box         Available transmission type           Aax. Eavel speed (may vary according to applicable regulations)         A Varior Plus           Adax. Eavel speed (may vary according to applicable regulations)         Limited slip differential on front and rear axies           Adax. Eavel speed (may vary according to applicable regulations)         Limited slip differential or front and rear axies           Adax. Eavel speed (may vary according to applicable regulations)         Universed multi-discs braking on front & reare axies           Adax towards processing statistics         Automatic negative parking brake           Application for Pressure         Variable displacement pump bytes of the processing distributor         Standard           John Carrier (and towards)         A Variable displacement pump bytes of the processing distributor         A Variable d		
Implies mode    ATN107FHT5SMUF   A	-	
Jumber of cylinders - Capacity of cylinders         4 - 4567 cm²           C. Engine power rating / Power         141 hp / 105 kW           Aba. Engue / Engine rotation         669 Nm gal 1500 rpm           Varwbar pull (Laden)         9160 daN           Varwbar pull (Laden)         3 radiators water + intercooler + transmission of principle cooling system         3 radiators water + intercooler + transmission of principle cooling system         Continuously variable transmission of principle transmission of principle transmission of principle system         Continuously variable transmission of principle transmission		
C. Engine power rating / Power         141 Hp / 105 kW           dax. Inque / Engine rotation         602 Nm @1500 pm           ratwabar pull (Laden)         916 da N           leversible fan         Standard           angine cooling system         3 radiators water + intercooler + transmission of internations of internations of internations of internations.           transmission type         Continuously variable transmission           dearbox         Mayario Plus dawn of Plus dawn of Plus dawn. Tavel speed (may vary according to applicable regulations)         Limited slip differential on front and rear axies water in broad of the plus differential on front and rear axies variety in place.           leverice brake         Automatic negative parking brake           leverice brake         Oll-immersed multi-discs braking on front & rea axies variety day differential on front and rear axies variety day day decreased with the plus differential on front and rear axies variety day day day and day decreased with the plus day of the plus differential on front and rear axies variety day day day and day axies with the plus day of the plus		
Max. torque / Engine rotation 602 Nm @1500 rpm Tarobar pull (Laden) 9160 dan 9160 da		
Parwhar pull (Laden) Parwhar p	I.C. Engine power rating / Power	141 Hp / 105 kW
Reversible fan  Ingine cooling system  Ingine	Max. torque / Engine rotation	602 Nm @1500 rpm
rangine cooling system  ransmission  ransmission type  lace the cooling the specific of the sp	Drawbar pull (Laden)	9160 daN
Transmission ype Continuously variable transmission operators Continuously variable transmission on M-Vario Plus Adax. travel speed (may vary according to applicable regulations) Continuously variable transmission Ad km/h Ad	Reversible fan	Standard
Transmission type  Transmission	Engine cooling system	3 radiators water + intercooler + transmissi
Searbox Aax. tavel speed (may vary according to applicable regulations) Aax. tavel speed (may vary according to applicable regulations) Aax. tavel speed (may vary according to applicable regulations) Aax. tavel speed (may vary according to applicable regulations) Aax. tavel speed (may vary according to applicable regulations) Aax. tavel speed (may vary according to applicable regulations) Aax. tavel speed (may vary according to applicable regulations) Automatic negative parking brake Oil-immersed multi-discs braking on front & real axles Automatic negative parking brake Oil-immersed multi-discs braking on front & real axles Automatic negative parking brake Oil-immersed multi-discs braking on front & real axles Automatic negative parking brake Oil-immersed multi-discs braking on front & real axles Automatic negative parking brake Oil-immersed multi-discs braking on front & real axles  Variable displacement pump Variablic flow - Pressure 200 l/min - 270 bar Standard  ank capacities Automatic negative parking brake Oil-immersed multi-discs braking on front & real axles  Variable displacement pump Variablic flow - Pressure 200 l/min - 270 bar Standard  141 1 142 1 142 1 142 1 142 1 142 1 142 1 142 1 142 1 143 1 144 1 145 1 145 1 145 1 145 1 146 1 147 1 147 1 147 1 148 1 149	Transmission	
Aux. travel speed (may vary according to applicable regulations)  Aux travel speed (may vary according to applicable regulations)  Aux travel speed (may vary according to applicable regulations)  Aux travel speed (may vary according to applicable regulations)  Aux travel speed (may vary according to applicable regulations)  Aux travel speed (may vary according to fifted slip differential on front and rear axles according to fixed slip differential or front and rear axles according to fixed slip differential or front and rear axles according to fixed slip differential or front and rear axles according to fixed slip differential or front and rear axles according to fixed slip differential or front	Transmission type	Continuously variable transmission
Limited slip differential on front and rear axles Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles Aydraulics Aydraulic pump type Aydraulic flow - Pressure Automatic negative parking on front & rea axles Aydraulic pump type Aydraulic flow - Pressure Automatic negative parking on front & rea axles Aydraulic flow - Pressure Aydraulic flow - Pressure Automatic negative parking on front & rea axles Aydraulic flow - Pressure Automatic negative parking on front & rea axles Automatic negative parking on front & rea axles  Automatic negative parking on front & rea axles  Automatic negative parking on front & rea axles  Automatic negative parking on front & rea axles  Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking brake Oil-immersed multi-discs braking on front & rea axles  Automatic negative parking of states  Auto	Gearbox	M-Vario Plus
Automatic negative parking brake pervice brake provide bra	Max. travel speed (may vary according to applicable regulations)	40 km/h
Service brake Stydraulics Stydraulics Stydraulics Stydraulic pump type  Advirulic pump type  Advirulic flow - Pressure  Advirulic	Differential lock	Limited slip differential on front and rear a
ydraulics  ydraulic pump type  ydraulic flow - Pressure  ydraulic oil  y	Parking brake	Automatic negative parking brake
tydraulic pump type  tydraulic pump type  tow sharing distributor  Tank capacities  tydraulic oil  tuel tank  toise et Exhaust fluid (AdBlue® type)  consumption calculated according to EN 16796-4 standard  toise at driving position (LpA) tested following NF EN 12053 norm  tolsie at driving position (LpA) tested following NF EN 12053 norm  tolsie to environment (LwA)  total calculated according to the norm of th	Service brake	
Advirable displacement pump Advirable flow - Pressure Advirable flow - Pressure Advirable flow - Pressure Advirable displacement pump Advirable flow - Pressure Advirable displacement pump Advirable flow - Pressure Advirable displacement pump Advirable flow - Pressure Advirable flow - Pressure Advirable flow - Pressure Advirable flow - Pressure Advirable	Hydraulics	axies
A graduic flow - Pressure  A graduic flow - Pressure  A graduic oil  A graduic oi		Variable displacement numn
Standard  For k capacities  Advarulic oil  For let tank  F		
Tank capacities  Agrarulic oil  Agrarulic tak  Agra	•	
Advarualic oil Suel tank  Diesel Exhaust fluid (AdBlue® type) Consumption calculated according to EN 16796-4 standard  Diese at driving position (LpA) tested following NF EN 12053 norm  Diese at driving position (LpA) tested following NF EN 12053 norm  Diese at driving position (LpA) tested following NF EN 12053 norm  Diese to environment (LwA)  Tibration to whole hand/arm  Diese to environment (LwA)  Tractor homologation  Tractor homologation  AGPS - FOPS level 2 cab		Gandard
tive I tank  Diesel Exhaust fluid (AdBlue® type)  Consumption calculated according to EN 16796-4 standard  Loise and vibration  Loise at driving position (LpA) tested following NF EN 12053 norm  Loise to environment (LwA)  (ribration to whole hand/arm  Aliscellaneous  Tractor homologation  Lafety cab homologation  ROPS - FOPS level 2 cab		1411
21.50 I Consumption calculated according to EN 16796-4 standard  Consumption Consumption  Consumption Consumption  Consumption Consumption  Consumption Consumption  Consumption Consumption  Consumption  Consumption Consumption  Consumpti		
Consumption calculated according to EN 16796-4 standard    Consumption calculated according to EN 16796-4 standard   Consumption   Consumption		
Noise and vibration     69 dB       Noise at driving position (LpA) tested following NF EN 12053 norm     105 dB       Noise to environment (LwA)     105 dB       Vibration to whole hand/arm     < 2.50 m/s²		
Aloise at driving position (LpA) tested following NF EN 12053 norm  69 dB  105 dB  105 dB  105 dB  < 2.50 m/s²  Aliscellaneous  Tractor homologation  afety cab homologation  ROPS - FOPS level 2 cab		0.4/ 1/П
Tractor homologation after year bomologation after year year year year year year year ye		(0.40
/ibration to whole hand/arm  discellaneous Tractor homologation Safety cab homologation ROPS - FOPS level 2 cab		
Ariscellaneous Tractor homologation Arisety cab homologation ROPS - FOPS level 2 cab		
Tractor homologation Tractor homologation ROPS - FOPS level 2 cab		< 2.50 m/s <sup>2</sup>
Safety cab homologation ROPS - FOPS level 2 cab		
	Tractor homologation	
Controls	Safety cab homologation	
	Controls	JSM

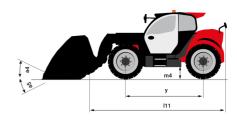
## Optional tires tab

Optional tires	
ALLIANCE - A585 - 500/70 R24 164A8	
MICHELIN - BIBLOAD - 500/70 R24 164A8	
MICHELIN - XHA - 17.5 R25	
MICHELIN - XMCL - 500/70 R24 164A8	
NOKIAN - TRI STEEL - 500/70 R24 164A8	
SOLIDEAL - SOLIDAIR TLH - 14.00 R24	
TRELLEBORG - TH400 - 500/70 R24 164A8	
VREDESTEIN - ENDURION - 500/70 R24 164A8	
VREDESTEIN - TRAXION - 500/70 R24 164A8	

### MLT 850-145 V+ - Dimensional drawing

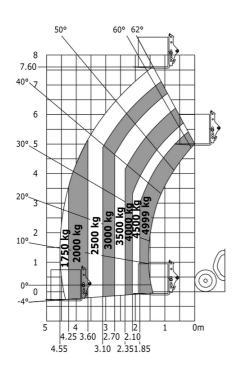






#### MLT 850-145 V+ - Load chart

#### Machine on tyres with forks Metric







#### **Head Office**

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