Technical sheet:

# **MLT-X 1035 LT LSU**





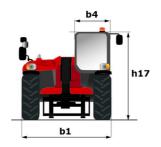
ax capachy   0   3500 kg	Capacities		Metric
xx. Minop regist         h3         9.00 m           ach at max. reliable         7.00 m           ach at max. reliable         2.75 m           such at max. reliable         6000 mB           injoh and demantions         8           suided executed (with floors)         8375 xg           suided exempted (with floors)         10         4.50 m           suided length to currisse (without floors)         10         4.50 m           suit to contained         b1         2.00 m           suit to contain (with floors)         10         4.50 m           suit to contain (with floors)         10         4.50 m           suit to contain (with floors)         10         4.50 m           suit to contain (with floors)         10         2.00 m           suit to contain (with floors)         10         3.50 m           suit to contain (with floors)         2.00 m         3.70 m           suit to contain (with floors)         2.00 m         3.70 m           suit to contain (with floors)         2.00 m         3.70		0	
7.56 m   1.75 m   1			
sub-th arms. Polith insected         2.75 mill           single and formations         600 dats           single and formations         8           standing marketing         8           standing marketing         mf.           standing marketing filter standing         11           standing depth to commong (with high)         13           standing depth to commong (with high)         15           standing depth to commong (with high)         16           standing dates         bt		h3	
1			
	Reach at max. height		
1808   1809	Breakout force with bucket		6000 daN
und clearance	Veight and dimensions		
Image	Inladen weight (with forks)		8375 kg
11	Ground clearance	m4	0.44 m
11	Vheelbase	V	2.81 m
1.99 m   1			
1.3.9 m			
bi   2.40 m		10	
New Content of the		14	
Inchorman angle         a5         110°           tetrual tunning rodius (over tyres)         Wal         3.72 m           anadrad fees         Alliance A,580° -460/70 E24 159A8         2.72 m           weening wheeles (front/ ran)         2.72 m         2.72 m           titing         6.00 m         2.72 m           titing         6.00 m         5.00 m           tension         10.00 m         5.00 m           tension         2.80 m         2.80 m           tension         3.00 mm         2.50 m           tension         3.00 mm         3.00 mm           tension         5.00 pm         1.10 m           title model         4.00 mm         5.000 pm           title model         4.00 mm         1.10 m           title model         4.00 mm         1.10 m			
Page   Age	Overall height	h17	2.30 m
Team al luming radius (over tyres)	ïlt-down angle	a5	119 °
Alliance - ASS0 - 460/7 Re24 159A8 in the wheels (front / rear)  receing wheels (front / rear)  fromances  refing  receing wheels (front / rear)  fronting  fronti	ïlt-up angle	a4	8 °
Alliance - A880 - 460/70 R24 199A8 in wheels (front /rear)  recting wheels (front /rear)  reformances  reform	external turning radius (over tyres)	Wa1	3.92 m
12   12   13   13   13   13   13   13	standard tires		Alliance - A580 - 460/70 R24 159A8
seeding sheels (forth/rear)         2 / 2           firth of manctes         6.60 s           thring         5.20 s           steetsion         15.00 s           und         10.60 s           owd         2.80 s           imp         2.50 s           gine         8           gine band         Perkins           gine band         5.000 pm           gine band         1104 A4TA           steer stee	Drive wheels (front / rear)		
informances         6.60 s           weening         5.70 s           tension         14.70 s           statching         10.60 s           owd         2.80 s           imp         2.50 s           gine         Perkins           gine band         Stage IIIA           ax. fuel subplant content         5000 ppm           gine model         11.04-94TA           implier model         1.04-94TA           implier model         4.10 Nm gl.40 gm²           implier model         1.01 ly 7.7-5.0 kW           implier model         4.10 Nm gl.40 gm²           implier model         5.00 gm²           implier model         6.00 cm²           implier model         6.00 cm²           implier model         6.0	, ,		
1.50   1.50			2/2
14.70 s   14.7			6.60.0
tension 14,70 s 10,60			
tracion 10.60 s  wwd 2.80 s  imp 2.50 s  gline 2.90 s  gline 10 princh 10 pr			
owd         2.80 s           gine         2.50 s           gine be         2.50 s           gine be band         Perkins           gine nome         Stage IIIA           ax. Yuel sulphur content         5000 ppm           gine model         11040-447A           mixer of cylinders - Capacity of cylinders         4 - 4400 cm²           2. Engine power rating / Power         101 Hp / 74.50 kW           xx. tonue, E fagine rotation         410 Nm @1400 pm           waskar pull (Laden)         66800 daN           westible fan         Standard           ansmission by         Torque conventer           sathox         Powershuttle           war. taxel speed (may vary according to applicable regulations)         35 km/h           ferential lock         Limited slip differential on front acle           krinking brake         Amauel           offeullot         9           draulic town Pressure         Variable displacement pump           draulic town Pressure         Variable displacement pump           draulic tank capacities         110 Jmin - 270 bar           size at driving position (LpA) tested following NFEN 12053 nom         78 dB           size at driving position (LpA) bested following NFEN 12053 nom         78 dB </td <td></td> <td></td> <td></td>			
Topic   Common   Co	letraction		10.60 s
Signe Nard   Perkins   Stage IIIA	Crowd		2.80 s
Perkins   Stage IIIA   Stage	Dump		2.50 s
Stage   IIIA   Stoop purm   Stage   Standard   Sta	Engine		
ax. fuel sulphur content         \$000 ppm           gine model         11040-44TA           mither of cylinders - Capacity of cylinders         4.4400 cm²           2. Engine power rating / Power         101 Hp / 74.50 kW           ax. torque / Engine rotation         6680 daN           awabar pull (Laden)         6680 daN           versible fan         Standard           ansmission         Torque converter           arabox         Powershuttle           amber of gears (forward / reverse)         4 / 4           ax. travel speed (may vary according to applicable regulations)         35 km/h           Effectential Lock         Limited slip differential on front axle           unice brake         Oil-immersed multi-discs on front & rear axlest           draulic flow - Pressure         Yafable displacement pump           draulic flow - Pressure         Yafable displacement pump           draulic flow - Pressure         110 l/min - 270 bar           ow sharing distributor         Standard           inc capacities         120 l           draulic tank capacity         78 dB           tolse and vibriton         78 dB           size and driving position (LpA) tested following NF EN 12053 norm         78 dB           size of artiving position (LpA) tested following NF EN 12053	Engine brand		Perkins
ax. fuel sulphur content         \$000 ppm           gine model         11040-44TA           mither of cylinders - Capacity of cylinders         4.4400 cm²           2. Engine power rating / Power         101 Hp / 74.50 kW           ax. torque / Engine rotation         6680 daN           awabar pull (Laden)         6680 daN           versible fan         Standard           ansmission         Torque converter           arabox         Powershuttle           amber of gears (forward / reverse)         4 / 4           ax. travel speed (may vary according to applicable regulations)         35 km/h           Effectential Lock         Limited slip differential on front axle           unice brake         Oil-immersed multi-discs on front & rear axlest           draulic flow - Pressure         Yafable displacement pump           draulic flow - Pressure         Yafable displacement pump           draulic flow - Pressure         110 l/min - 270 bar           ow sharing distributor         Standard           inc capacities         120 l           draulic tank capacity         78 dB           tolse and vibriton         78 dB           size and driving position (LpA) tested following NF EN 12053 norm         78 dB           size of artiving position (LpA) tested following NF EN 12053	Engine norm		Stage IIIA
1104D-44TA   110			
### ### ### ### ### ### ### ### ### ##			
c. Engine power rating / Power         101 Hp / 74.50 kW           ax. torque / Engine rotation         410 km @1400 rpm           axbarbar pull (Laden)         680 daN           versible fan         Standard           ansmission type         Torque converter           earbox         Powershuttle           arbox         4 / 4           ax. travel speed (may vary according to applicable regulations)         35 km/h           fferential lock         Limited slip differential on front axie           wiking brake         Manual           virtue brake         Oil-Immersed multi-discs on front & rear axies           virtue low - Pressure         Variable displacement pump           virtue lank capacity         110 l/min - 270 bar           virtue lank         135 l           viet lank         120 l           vise and virtue for wirding position (LpA) tested following NF EN 12053 norm         78 dB           vise to environment (LwA)         104 dB           visition on hands/arms         < 2.50 m/s²	-		
awa torque / Engine rotation  awabar pull (Laden) 6680 daN versible fan 6680 daN standard  ansmission  ansmission type ansmission type  ansmission type ansmission type  ansmission (Forward / reverse)  ax. travel speed (may vary according to applicable regulations) fferential lock firential			
awbar pull (Laden)         6680 daN           aversible fan         Standard           ansmission         Torque converter           ansmission type         Powershuttle           earbox         Powershuttle           aw, travel speed (may vary according to applicable regulations)         35 km/h           fiferential lock         Limited slip differential on front axle           unice brake         Oil-immersed multi-discs on front & rear axle           refuellic Sump type         Variable displacement pump           draulic flow - Pressure         110 l/min - 270 bar           ow sharing distributor         Standard           nix capacities         135 l           draulic lank capacity         120 l           size and vibration         120 l           piece and vibration         78 dB           size and vibration         78 dB           size to environment (LwA)         104 dB           praction on hands/ams         < 2.50 m/s²			
serislie fan Standard sammission ye Standard sammission type Standard sammission type Standard sammission type Standard sammission type Standard samburs of gears (forward / reverse) A 4 / 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4			
ansmission ansmission type  Torque converter Powershuttle  and A / A  ax. travel speed (may vary according to applicable regulations)  fferential lock  fferential lock  fferential lock  fferential lock  fferential lock  fferential spake  final prake  f			
ansmission type arbox Powershuttle arbox At 14 a ax. travel speed (may vany according to applicable regulations) Ax. travel speed (may vany according to applicable regulations) Ax. travel speed (may vany according to applicable regulations) Ax. travel speed (may vany according to applicable regulations) Ax. travel speed (may vany according to applicable regulations) Ax. travel speed (may vany according to applicable regulations) Ax. travel speed (may vany according to applicable regulations) Ax. travel speed (may vany according to applicable regulations) Ax. travel speed (may vany according to applicable regulations) Ax. travel speed (may vany according to applicable regulations) Ax. travel speed (may vany according to applicable regulations) Ax. travel speed (may vany according to applicable regulations) Ax. travel speed (may vany according to applicable regulations) Ax. travel speed (may vany according to applicable regulations) Ax. travel speed (may vany according to applicable regulations) Ax. travel speed (may vany according to applicable regulations) Ax. travel speed (may vany according to applicable regulations) Ax. travel speed (may vany according to applicable regulation of speed multi-discs on front & rear axles Ax. travel speed (may vany according to applicable regulation of front axle Ax. travel speed (may vany according to applicable regulation of front axle Ax. travel speed (may vany according to applicable regulations) Ax. travel speed (may vany according to applicable regulations) Ax. travel speed (may vany according to applicable regulations) Ax travel speed (may vany according to applicable regulations) Ax travel speed (may vany according to applicable regulations) Ax travel speed (may vany according to applicable regulations) Ax travel speed (may vany according to applicable regulations) Ax travel speed (may vany according to applicable regulations) Ax travel speed (may vany according to applicable regulations) Ax travel speed (may vany according to applicable regulations) Ax travel speed (ma	Reversible fan		Standard
Powershuttle sumber of gears (forward / reverse)  At / 4  Ax. travel speed (may vary according to applicable regulations)  Ax. travel speed (may vary according to applicable regulations)  Ax. travel speed (may vary according to applicable regulations)  Ax. travel speed (may vary according to applicable regulations)  Ax. travel speed (may vary according to applicable regulations)  Ax. travel speed (may vary according to applicable regulations)  Ax. travel speed (may vary according to applicable regulations)  Ax. travel speed (may vary according to applicable regulations)  Ax. travel speed (may vary according to applicable regulations)  Ax. travel speed (may vary according to applicable regulations)  Ax. travel speed (may vary according to applicable regulations)  Ax. travel speed (may vary according to applicable regulations)  Ax. travel speed (may vary according to applicable regulations)  Ax. travel speed (may vary according to applicable regulations)  Ax. travel speed (may vary according to applicable regulations)  Ax. travel speed (may vary according to applicable regulations)  Ax. travel speed (may vary according to applicable regulations)  Ax. travel speed (may vary according to applicable regulations)  Ax. travel speed (may vary according to applicable regulations)  Ax. travel speed (may vary according to applicable regulation for taxle for the according to fine travel according to fine travel according to fine travel according to fine travels	Transmission		
A / 4 ax. travel speed (may vary according to applicable regulations)  fferential lock  fferential lock  riking brake  role brake  divallics  riduallic sump type  riduallic flow - Pressure  ow sharing distributor  rink capacities  riduallic tank capacity  let tank  obies and vibration  obies and vibration  obies at driving position (LpA) tested following NF EN 12053 norm  obies at driving position (LpA) tested following NF EN 12053 norm  accord homologation  secular box  accord homologation  A / 4  A / A  A / 4  A / A  A A / A  A / A  A / A  A / A  A / A  A / A  A / A  A / A  A / A  A / A  A A / A  A A / A  A A / A  A A / A  A A / A  A A / A  A A   A A / A  A A / A  A A / A  A A A   A A / A  A A A   A A / A  A A   A A / A  A A A   A A A   A A A   A A A   A A A   A A A   A A A   A A A   A A A   A A A   A A A   A A A   A A A   A A A   A A	Transmission type		Torque converter
ax. travel speed (may vary according to applicable regulations)  fferential lock  rking brake  Manual  Oil-immersed multi-discs on front & rear axlest addraulies  rdraulic pump type  rdraulic flow - Pressure  ow sharing distributor  runk capacities  rdraulic tank capacity  rdraulic tank capacity  rdraulic tank capacity  rdraulic tank capacity  relating to the form of the form	Gearbox Searbox		Powershuttle
ax. travel speed (may vary according to applicable regulations)  fferential lock  rking brake  Manual  Oil-immersed multi-discs on front & rear axlest addraulies  rdraulic pump type  rdraulic flow - Pressure  ow sharing distributor  runk capacities  rdraulic tank capacity  rdraulic tank capacity  rdraulic tank capacity  rdraulic tank capacity  relating to the form of the form	lumber of gears (forward / reverse)		4 / 4
Efferential lock urking brake urking brake urking brake urking brake draulics draulics draulic flow - Pressure ow sharing distributor urk capacities draulic tank capacity tel tank bise and vibration bise at driving position (LpA) tested following NF EN 12053 norm bise to environment (LwA) bration on hands/arms sector homologation  Limited slip differential on front axle Manual Oil-immersed multi-discs on front & rear axles draulic gray draulic displacement pump 110 l/min - 270 bar Standard  Standard  135 l 120 l 135 l 120 l 140 dB 140 dB 150	- ,		
Manual Oil-immersed multi-discs on front & rear axles Adaulics Adaulic pump type Adaulic flow - Pressure Ow sharing distributor One capacities Adaulic tank capacity Let tank Oise and vibration Oise and vibration Oise at driving position (LpA) tested following NF EN 12053 norm Oise to environment (LwA) Oise to environment (LwA) Oise action on hands/arms Oise old middle displacement pump Oise (In the capacity or on hands/arms Oise (In the capacity or on hands/arms) Oise (In the capacity or on hand			
Arrice brake pricaulics pump type vidualic pump type vidualic pump type vidualic flow - Pressure provision of the capacities pricaulic tank capacities vidualic tank capacity pel tank to be at driving position (LpA) tested following NF EN 12053 norm 78 dB position on hands/arms second part of the capacity per to environment (LwA) to be at driving position on hands/arms second part of the capacity per to environment (LwA) to be at driving position on hands/arms second part of the capacity per to environment (LwA) to the capacity per to t			·
Adraulics     Variable displacement pump       Adraulic flow - Pressure     110 l/min - 270 bar       above sharing distributor     Standard       Adraulic tank capacities     135 l       Adraulic tank capacity     135 l       Adraulic tank     120 l       Dise and vibration     78 dB       Dise at driving position (LpA) tested following NF EN 12053 norm     78 dB       Dise to environment (LwA)     104 dB       bration on hands/arms     < 2.50 m/s²			
Adraulic pump type Adraulic pump type Adraulic flow - Pressure Adraulic flow - Pressure Adraulic flow - Pressure Adraulic show sharing distributor Adraulic tank capacities Adraulic tank capacity Adraulic ta			on-inimersed manu-discs on front & leaf axies
rdraulic flow - Pressure  sw sharing distributor  standard  the capacities  rdraulic tank capacity  tel tank  bise and vibration  size and vibration  size at driving position (LpA) tested following NF EN 12053 norm  78 dB  size to environment (LwA)  bration on hands/arms  size cllaneous  actor homologation			
sy sharing distributor  In k capacities  Indicatank capacity Indicatank capacity Indicatank capacity Indicatank capacity Indicatank capacity Indicatank In			
In A capacities Indicating the Compact of Co	lydraulic flow - Pressure		
rdraulic tank capacity set tank  120 I  ple tank  ple tank  ple tank  ple tank  120 I  ple	low sharing distributor		Standard
tel tank  place tank  place and vibration  place at driving position (LpA) tested following NF EN 12053 norm  place to environment (LwA)  pration on hands/arms	ank capacities		
tel tank  place tank  place and vibration  place at driving position (LpA) tested following NF EN 12053 norm  place to environment (LwA)  pration on hands/arms	lydraulic tank capacity		135
pise and vibration pise at driving position (LpA) tested following NF EN 12053 norm 78 dB pise to environment (LwA) 104 dB pration on hands/arms 4 < 2.50 m/s² discellaneous actor homologation	uel tank		120 I
pose at driving position (LpA) tested following NF EN 12053 norm 78 dB 104 dB 104 dB bration on hands/arms < 2.50 m/s² iscellaneous actor homologation			
to se to environment (LwA)  bration on hands/arms  secellaneous actor homologation			78 dB
contain on hands/arms  < 2.50 m/s²  iscellaneous  actor homologation			
iscellaneous actor homologation	· ·		
actor homologation			< 2.50 m/s²
ontrols JSM	ractor homologation		
	Controls		JSM

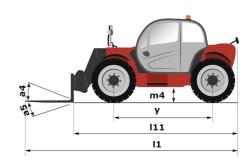
## Optional tires tab

	Overall height	Overall width
ALLIANCE - A570 - 17,5 LR24	•	-
NOKIAN - TRI STEEL - 460/65 R24 156A8	2.27 m	2.38 m
MICHELIN - XHA - 15.5 R25		-
MICHELIN - XMCL - 460/70 R24 159A8		-
MICHELIN - XMCL - 500/70 R24 P65		

### MLT-X 1035 LT LSU - Dimensional drawing

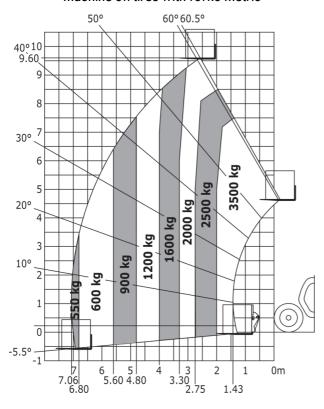






#### MLT-X 1035 LT LSU - Load chart

#### Machine on tires with forks Metric







#### **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