

# MLT-X735-120 PS

TECHNICAL DATA SHEET



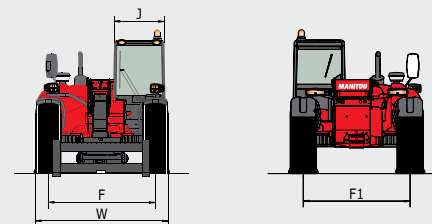
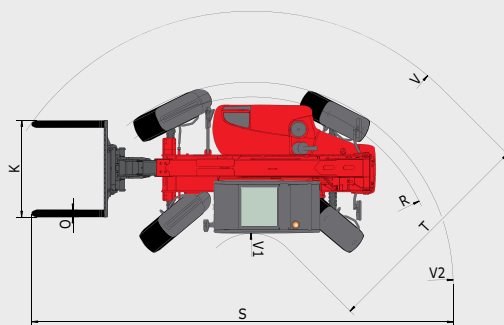
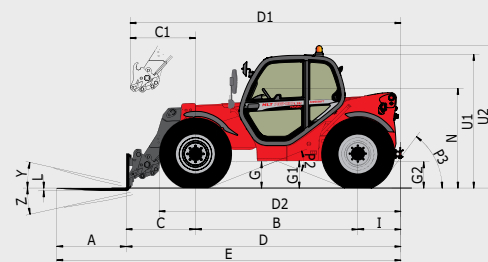
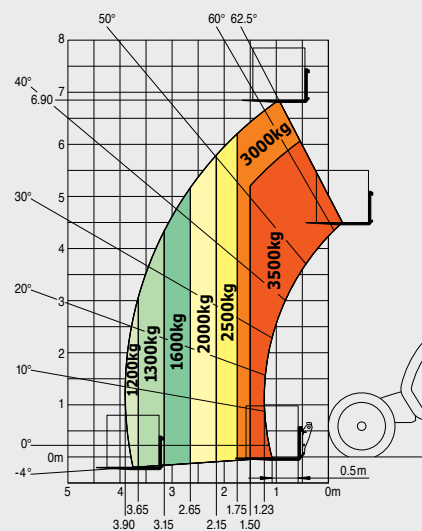
# MLT-X735-120 PS

MLT-X 735-120 PS	
<b>Lifting capacity</b> at 500 mm from fork heels	3500 kg
Break-out force	4200 daN
<b>Lifting height</b>	6.90m
<b>Time: laden/unladen (in sec)</b>	
Lifting	6.70/7.30
Lowering	4.80/4.60
Extension	7.10/7.30
Retraction	5.70/5.50
Crowd	2.00
Dump	2.30
<b>Tyres</b>	460/70 R24
<b>Forks</b>	
Length x width x thickness	1200 x 125 x 45 mm
Carriage rotation	146°
<b>Braking</b>	multiple-disk brake with oil bath on front and rear axles
<b>PERKINS STAGE III A engine</b>	1104E-44 TA
Cubic capacity	4 cyl. Turbo/4400 cm <sup>3</sup>
Power at 2200 rpm (ISO/TR 14396)	124 HP/91 kW
Max. torque at 1400 rpm (ISO/TR 14396)	490 Nm
Injection	direct
Cooling	water
<b>Transmission</b>	torque converter
Gearbox	Powershift
Number of gears (forward/reverse)	6/3
Max. travel speed	40 kph*
<b>Hydraulics</b>	150 l/min - 270 bar
Piston pump	electronically controlled variable cubic capacity
Control valve	DDIC
<b>Capacities</b>	
Hydraulic oil	135 l
Fuel	120 l
<b>Unladen weight (with forks)</b>	7250 kg
<b>Width overall</b>	2.40 m
<b>Height overall</b>	2.30 m
<b>Length overall</b>	4.87 m
<b>Turning radius (outer wheels)</b>	3.77 m
<b>Ground clearance</b>	0.44 m
<b>Drawbar pull</b>	up to 8770 daN
<b>Noise at driving position (LpA)</b>	79 dB
<b>Environmental noise (LWA)</b>	106 dB
<b>Vibration to whole hand/arm</b>	< 2.5 m/s <sup>2</sup>

<b>mm</b>	<b>D2</b> 4165	<b>I</b> 789	<b>P3</b> 53°	<b>V1</b> 1310
<b>A</b> 1200	<b>E</b> 5990.4	<b>J</b> 980	<b>R</b> 3685	<b>V2</b> 3918.5
<b>B</b> 2810	<b>F</b> 1935	<b>K</b> 1260	<b>S</b> 7714.9	<b>W</b> 2402
<b>C</b> 1191.4	<b>F1</b> 1935	<b>L</b> 45	<b>T</b> 3575	<b>Y</b> 12.5°
<b>C1</b> 1287	<b>G</b> 450	<b>N</b> 1715	<b>U1</b> 2295	<b>Z</b> 133.7°
<b>D</b> 4790.4	<b>G1</b> 435	<b>O</b> 125	<b>U2</b> 2545	
<b>D1</b> 4886	<b>G2</b> 435	<b>P2</b> 38°	<b>V</b> 4885	

## Maximum height reach: 1.03 m

As per standard EN 1459 annex B



This brochure describes versions and configuration options for Manitou products which may be fitted with different equipment. The equipment described in this brochure may be standard, optional or not available depending on version. Manitou reserves the right to change the specifications shown and described at any time and without prior warning. The manufacturer is not liable for the specifications given. For more information, contact your Manitou dealer. Non-contractual document. Product descriptions may differ from actual products. List of specifications is not comprehensive. The logos and visual identity of the company are the property of Manitou and may not be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are provided for information only.

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\* May vary according to applicable regulations

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