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TECHNICAL DATA SHEET

**MLT 845** 

**Manitou Telescopic**

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	MLT 845 100H	MLT 845 120
<b>Lifting</b>		
Max. capacity	4500 kg	
Max. lifting height	7.55 m	
Max. outreach	4.57 m	
Reach at max. height	1.55 m	
Break-out force with bucket	6650 daN	
<b>Unladen time</b>		
Lifting	10 secs	
Lowering	6.5 secs	
Extension	12 secs	11 secs
Retraction	9.5 secs	10 secs
Crowd	4 secs	
Dump	3 secs	
<b>Tyres</b>	460 / 70 R24	
<b>Service Brake</b>	hydraulic oil immersed multi-disc braking on the front axle	
<b>Engine</b>	Deutz Stage III B	
Type	TCD 3.6 l	
Cubic capacity	3600 cm <sup>3</sup>	
Power	101 HP - 74.4 kW	122 HP - 90 kW
Max. torque	400 Nm - 1400 rpm	465 Nm - 1400 rpm
Injection	direct	
Cooling	air and water	
Laden drawbar pull	7850 daN	9615 daN
<b>Transmission</b>	hydrostatic	torque converter
Gearbox	-	Powershuttle
Reversing shift	electro-hydraulic control	
Number of gears (forward/reverse)	2/2	4/4
Max. travel speed (may vary according to applicable regulations)	28 kph	32 kph
<b>Hydraulics</b>	150 l/min - 270 bar	
Pump	electronically controlled variable cubic capacity	
<b>Capacities</b>		
Hydraulic oil	131 l	
Fuel	135 l	
<b>Unladen weight (with forks)</b>	9080 kg	9130 kg
<b>Dimensions</b>		
1. Ground clearance	0.45 m	
2. Overall length to carriage	5.22 m	
3. Wheelbase	2.77 m	
4. Overall width of cab	0.95 m	
5. Overall width	2.46 m	
6. Overall height	2.58 m	
7. Crowd angle	12°	
8. Dump angle	130°	
9. Turning radius (over tyres)	4.18 m	
Standard forks (length x width x thickness)	1200 x 125 x 50 mm	
<b>Noise and vibration</b>		
Noise at driving position (LpA)	79 dB	
Environmental noise (LwA)	103 dB	
Vibration to whole hand/arm	<2.5 m/s <sup>2</sup>	

**Rough terrain load chart**  
standard EN1459 B

**Machine on tyres with forks**

