
TECHNICAL DATA SHEET

MLT 845

Manitou Telescopic



	MLT 845 100H	MLT 845 120
Lifting		
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	
Unladen time		
Lifting	10 secs	
Lowering	6.5 secs	
Extension	12 secs	11 secs
Retraction	9.5 secs	10 secs
Crowd	4 secs	
Dump	3 secs	
Tyres	460 / 70 R24	
Service Brake	hydraulic oil immersed multi-disc braking on the front axle	
Engine	Deutz Stage III B	
Type	TCD 3.6 l	
Cubic capacity	3600 cm ³	
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
Transmission	hydrostatic	torque converter
Gearbox	-	Powershuttle
Reversing shift	electro-hydraulic control	
Number of gears (forward/reverse)	2/2	4/4
Max. travel speed <small>(may vary according to applicable regulations)</small>	28 kph	32 kph
Hydraulics	150 l/min - 270 bar	
Pump	electronically controlled variable cubic capacity	
Capacities		
Hydraulic oil	131 l	
Fuel	135 l	
Unladen weight (with forks)	9080 kg	9130 kg
Dimensions		
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	
Noise and vibration		
Noise at driving position (LpA)	79 dB	
Environmental noise (LwA)	103 dB	
Vibration to whole hand/arm	<2.5 m/s ²	

Rough terrain load chart
standard EN1459 B

Machine on tyres with forks

