
TECHNICAL DATA SHEET

MLT 845



Manitou Telescopic



 **MANITOU**
HANDLING YOUR WORLD

| | 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 | 410 Nm - 1600 rpm | 480 Nm - 1600 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) | 4/2 | 4/4 |
| Max. travel speed (may vary according to applicable regulations) | 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 | 2.42 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

