

Technical sheet :

MTA 1242 MAX E74



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|---|-----------|-------------------------------|
| Max. capacity | | 5443.10 kg |
| Max. lifting height | | 12.96 m |
| Maximum outreach | | 8.69 m |
| Weight and dimensions | | |
| Overall length to carriage | l11 | 6.30 m |
| Overall length (with forks) | l1 | 7.51 m |
| Overall width | b1 | 2.54 m |
| Overall height | h17 | 2.47 m |
| Wheelbase | y | 3.50 m |
| Ground clearance | m4 | 0.48 m |
| Overall cab width | b4 | 0.95 m |
| Tilt-up angle | a4 | 34 ° |
| Tilt-down angle | a5 | 96 ° |
| External turning radius | Wa3 | 3.88 m |
| Overall weight | | 12836.66 kg |
| Tires type | | Pneumatic |
| Forks length / width / section | l / e / s | 1219 mm x 152 mm x 63.50 mm |
| Frame leveling longitudinal +/- | | 10 ° |
| Performances | | |
| Lifting | | 16 s |
| Lowering | | 11 s |
| Extension | | 17 s |
| Retraction | | 12 s |
| Crowd | | 4 s |
| Dump | | 6 s |
| Engine | | |
| Engine brand | | Deutz |
| Engine norm | | Tier 4 final |
| Engine model | | TCD 3.6 L4 |
| Number of cylinders / Capacity of cylinders | | 4 - 3600 cm³ |
| I.C. Engine power rating - Power | | 74 Hp / 95 kW |
| Max. torque / Engine rotation | | 390.50 Nm @ 2300 rpm |
| Transmission | | |
| Transmission type | | Powershift |
| Number of gears (forward / reverse) | | 5 / 3 |
| Max. travel speed | | 36.20 km/h |
| Parking brake | | Hydraulic spring release SAHR |
| Service brake | | Wet disc brakes |
| Hydraulics | | |
| Hydraulic pump type | | Axial piston |
| Hydraulic flow / Pressure | | 151 l/min-275.80 bar |
| Tank capacities | | |
| Engine oil | | 8.51 l |
| Hydraulic oil | | 143.80 l |
| Fuel tank | | 144 l |
| Noise and vibration | | |
| Noise at driving position (LpA) | | 80 dB |
| Miscellaneous | | |
| Steering wheels (front / rear) | | 2 / 2 |
| Drive wheels (front / rear) | | 2 / 2 |



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



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