

Technical sheet :

MRT-X 2545

VISION



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|---|-----------|--|
| Max. capacity | Q | 4500 kg |
| Max. lifting height | | 24.60 m |
| Maximum outreach | | 19.50 m |
| Weight and dimensions | | |
| Overall length (with forks) | l1 | 8.92 m |
| Length to face of forks | l2 | 7.72 m |
| Overall width | b1 | 2.48 m |
| Overall height | h17 | 3.04 m |
| Overall cab width | b4 | 0.96 m |
| External turning radius (over tyres) | Wa1 | 4.16 m |
| Ground clearance | m4 | 0.37 m |
| Wheelbase | y | 2.73 m |
| Tilt-up angle | a4 | 10 ° |
| Tilt-down angle | a5 | 107 ° |
| Turret rotation | | 400 ° |
| Overall weight | | 15910 kg |
| Forks length / width / section | l / e / s | 1200 mm x 125 mm x 50 mm |
| Wheels | | |
| Standard tires | | 18-19,5 |
| Drive wheels (front / rear) | | 2 / 2 |
| Steering mode | | 2 wheel steer, 4 wheel steer, Crab mode |
| Stabilisers | | |
| Stabilizers Type | | Spider Type |
| Controls for stabs | | Stabs Commands Individual or Simultaneous |
| Engine | | |
| Engine brand | | Deutz |
| Engine norm | | Stage IIIA |
| Engine model | | TCD 3.6 L4 |
| Engine power (Hp / kW) | | 116 Hp / 85 kW |
| Max. torque / Engine rotation (min) | | 460 Nm @ 1600 rpm |
| Number of cylinders - Capacity of cylinders | | 4 - 3620 cm³ |
| Engine cooling system | | Water cooled |
| Electric circuit | | |
| Number of batteries / Battery voltage | | 2 x 12 V |
| 12V Battery capacity | | 120 Ah |
| Battery starting current | | (EN) 850 A |
| Transmission | | |
| Transmission type | | Hydrostatic |
| Number of gears (forward / reverse) | | 2 / 2 |
| Max. travel speed | | 40 km/h |
| Drawbar pull | | 9700 daN |
| Parking brake | | Automatic negative parking brake |
| Service brake | | Oil-immersed multi-discs braking on front & rear axles |
| Performances | | |
| Gradeability (laden / unladen) | | 48.70 % / 49.80 % |
| Hydraulics | | |
| Hydraulic pump type | | Variable displacement pump |
| Hydraulic flow | | 116 l/min |
| Hydraulic Pressure | | 275 bar |
| Tank capacities | | |
| Engine oil | | 11 l |
| Fuel | | 130 l |
| Noise and vibration | | |
| Noise at driving position (LpA) | | 68 dB |
| Noise to environment (LwA) | | 106 dB |
| Vibration on hands/arms | | < 2.50 m/s² |
| Miscellaneous | | |
| Steering wheels (front / rear) | | 2 / 2 |
| Controls | | 2 Joysticks |
| Cab certification | | Cabin ROPS - FOPS level 2 |
| Attachment recognition system (E-Reco) | | Standard |

Machine on lowered stabilisers with 365 kg platform Metric Machine on lowered stabilisers with 1000 kg platform Metric



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