

Technical sheet :

MRT-X 2545 EASY 400°



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric | Imperial |
|--|-------------------|---|---|
| Max. capacity | | 4500 kg | 9921 lb |
| Max. lifting height | | 24.70 m | 81 ft |
| Max. outreach | | 19.40 m | 63 ft 8 in |
| Weight and dimensions | | | |
| Overall length (with forks) | l1 | 7.06 m | 23 ft 2 in |
| Length to face of forks | l2 | 7.06 m | 23 ft 2 in |
| Overall width | b1 | 2.50 m | 8 ft 2 in |
| Overall height | h17 | 3.02 m | 9 ft 11 in |
| Overall cab width | b4 | 0.95 m | 3 ft 1 in |
| Ground clearance | m4 | 0.32 m | 1 ft 1 in |
| Wheelbase | y | 2.73 m | 8 ft 11 in |
| Frame leveling longitudinal +/- | | 0 ° | 0 ° |
| Tilt-up angle | a4 | 10 ° | 10 ° |
| Tilt-down angle | a5 | 107 ° | 107 ° |
| Overall weight | | 15540 kg | 34260 lb |
| Forks length / width / section | l / e / s | 1200 mm x 125 mm x 15 mm | 47 in x 5 in x 0.59 in |
| Wheels | | | |
| Tires type | | Pneumatic | Pneumatic |
| Standard tires | | 18-19,5 | 18-19,5 |
| Drive wheels (front / rear) | | 2 / 2 | 2 / 2 |
| Stabilisers | | | |
| Stabs Type | | Wing Type | Wing Type |
| Controls with stabs | | Stabs Commands Individual or Simultaneous | Stabs Commands Individual or Simultaneous |
| Engine | | | |
| Engine brand | | Perkins | Perkins |
| Engine norm | | Stage IIIA | Stage IIIA |
| Engine model | | 1104D-44T | 1104D-44T |
| I.C. Engine power rating / Power / Engine rotation | | 101 Hp / 74.50 kW @ 1200 rpm | 101 Hp / 74.50 kW @ 1200 rpm |
| Max. torque | | 1400 Nm | 1033 ft/lbs |
| Number of cylinders - Capacity of cylinders | | 3400 - 4400 cm³ | 3400 - 269 in³ |
| Injection | | engine Injection direct | engine Injection direct |
| Engine cooling system | | Water | Water |
| Electric circuit | | | |
| Battery voltage | | 12 V | 12 V |
| 12V Battery capacity | | 120 Ah | 120 Ah |
| Transmission | | | |
| Transmission type | | Hydrostatic | Hydrostatic |
| Number of gears (forward / reverse) | | 2 / 2 | 2 / 2 |
| Max. travel speed | Max. travel speed | 32 km/h | 20 mph |
| Drawbar pull | | 7900 daN | 7900 daN |
| Parking brake | | Automatic Negative Hand-brake | Automatic Negative Hand-brake |
| Service brake | | Hydraulic | Hydraulic |
| Hydraulics | | | |
| Hydraulic pump type | | Gear pump | Gear pump |
| Hydraulic flow | | 115 l/min | 30 US gpm |
| Hydraulic Pressure | | 270 bar | 3916 PSI |
| Hydraulic tank capacity | | 150 l | 40 US gal |
| Tank capacities | | | |
| Engine oil | | 150 l | 40 US gal |
| Hydraulic oil | | 150 l | 40 US gal |
| Fuel tank | | 130 l | 34 US gal |
| Noise and vibration | | | |
| Noise at driving position (LpA) | | 79.70 dB | 79.70 dB |
| Noise to environment (LwA) | | 104 dB | 104 dB |
| Vibration to whole hand/arm | | < 2.50 m/s² | < 2.50 m/s² |
| Miscellaneous | | | |
| Steering wheels (front / rear) | | 2 / 2 | 2 / 2 |
| Controls | | 2 Joysticks | 2 Joysticks |
| Safety cab homologation | | ROPS - FOPS level 2 cab | ROPS - FOPS level 2 cab |
| Attachment recognition system (E-Reco) | | Standard | Standard |

MRT-X 2545 Easy 400° - Dimensional drawing



| Other data | | Metric | Imperial |
|---|-----|---------|------------|
| Length of frame | l14 | 4.72 m | 15 ft 6 in |
| Wheelbase | y | 2.73 m | 8 ft 11 in |
| Ground clearance | m4 | 0.32 m | 1 ft 1 in |
| Counterweight offset (turret at 90°) | a7 | 3.03 m | 9 ft 11 in |
| Tilt-up angle | a4 | 10 ° | 10 ° |
| Tilt-down angle | a5 | 107 ° | 107 ° |
| Outer turning radius (with forks) | b15 | 4.62 m | 15 ft 2 in |
| Overall width with stabilisers extended | b7 | 4.98 m | 16 ft 4 in |
| Overall height | h17 | 3.02 m | 9 ft 11 in |
| Frame leveling corrector | a9 | +/- 0 ° | +/- 0 ° |



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