

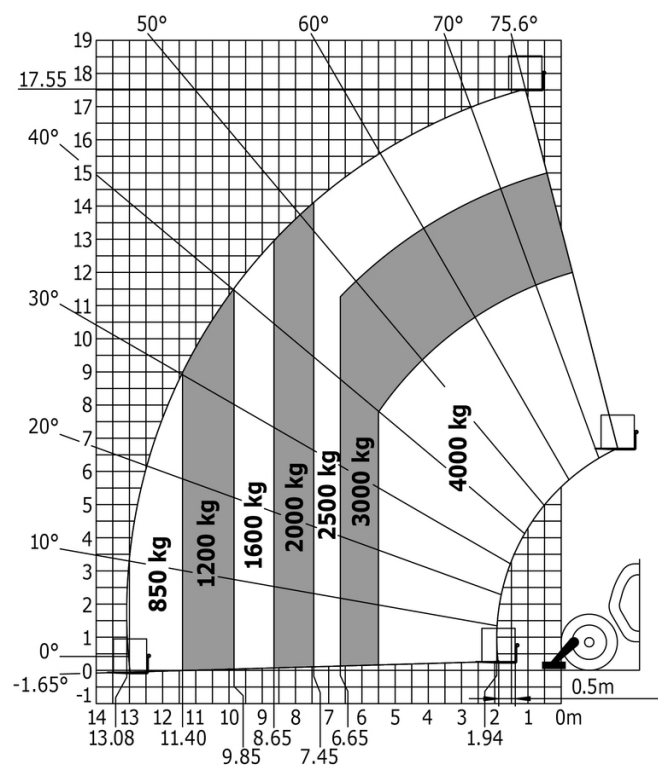
Technical sheet :

MT-X 1840



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric | Imperial |
|------------------------------------------------------------------|-----------|--------------------------------------------------------|--------------------------------------------------------|
| Max. capacity | | 4000 kg | 8818 lb |
| Max. lifting height | | 17.55 m | 57 ft 7 in |
| Maximum outreach | | 13.08 m | 42 ft 11 in |
| Breakout force with bucket | | 7500 daN | 7500 daN |
| Weight and dimensions | | | |
| Overall length to carriage | l11 | 6.16 m | 20 ft 3 in |
| Length to face of forks | l2 | 6.27 m | 20 ft 7 in |
| Overall width | b1 | 2.42 m | 7 ft 11 in |
| Overall height | h17 | 2.45 m | 8 ft |
| Wheelbase | y | 3.07 m | 10 ft 1 in |
| Ground clearance | m4 | 0.37 m | 1 ft 3 in |
| Overall cab width | b4 | 0.89 m | 2 ft 11 in |
| Tilt-up angle | a4 | 12 ° | 12 ° |
| Tilt-down angle | a5 | 114 ° | 114 ° |
| External turning radius (over tyres) | Wa1 | 3.94 m | 12 ft 11 in |
| Unladen weight (with forks) | | 11630 kg | 25640 lb |
| Overall weight | | 11600 kg | 25574 lb |
| Tires type | | Pneumatic | Pneumatic |
| Standard tires | | Alliance 400/80 - 24 -162A8 | Alliance 400/80 - 24 -162A8 |
| Forks length / width / section | l / e / s | 1200 mm x 125 mm x 50 mm | 47 in x 5 in x 2 in |
| Performances | | | |
| Lifting | | 17.30 s | 17.30 s |
| Lowering | | 12.70 s | 12.70 s |
| Extension | | 16.10 s | 16.10 s |
| Retraction | | 15.60 s | 15.60 s |
| Crowd | | 5 s | 5 s |
| Dump | | 4 s | 4 s |
| Engine | | | |
| Engine brand | | Perkins | Perkins |
| Engine norm | | Stage IIIA | Stage IIIA |
| Engine model | | 1104D-44TA | 1104D-44TA |
| Number of cylinders / Capacity of cylinders | | 4 - 4400 cm³ | 4 - 269 in³ |
| I.C. Engine power rating - Power | | 101 Hp / 74.50 kW | 101 Hp / 74.50 kW |
| Max. torque / Engine rotation | | 400 Nm @ 1400 rpm | 295 ft/lbs @ 1400 rpm |
| Drawbar pull (Laden) | | 10000 daN | 10000 daN |
| Transmission | | | |
| Transmission type | | Torque converter | Torque converter |
| Number of gears (forward / reverse) | | 4 / 4 | 4 / 4 |
| Max. travel speed | | 24.90 km/h | 15 mph |
| Max. travel speed (may vary according to applicable regulations) | | 24.90 km/h | 15 mph |
| Parking brake | | Automatic Negative Hand-brake | Automatic Negative Hand-brake |
| Service brake | | Oil-immersed multi-discs braking on front & rear axles | Oil-immersed multi-discs braking on front & rear axles |
| Hydraulics | | | |
| Hydraulic pump type | | Gear pump | Gear pump |
| Hydraulic flow / Pressure | | 167 l/min-270 bar | 44 US gpm-3916 PSI |
| Tank capacities | | | |
| Engine oil | | 11.40 l | 3 US gal |
| Hydraulic oil | | 135 l | 36 US gal |
| Hydraulic tank capacity | | 175 l | 46 US gal |
| Fuel tank | | 140 l | 37 US gal |
| Noise and vibration | | | |
| Noise at driving position (LpA) | | 82 dB | 82 dB |
| Noise to environment (LwA) | | 105 dB | 105 dB |
| Vibration on hands/arms | | < 2.50 m/s² | < 2.50 m/s² |
| Miscellaneous | | | |
| Steering wheels (front / rear) | | 2 / 2 | 2 / 2 |
| Drive wheels (front / rear) | | 2 / 2 | 2 / 2 |
| Cab certification | | Cabin ROPS - FOPS level 2 | Cabin ROPS - FOPS level 2 |
| Controls | | JSM | JSM |





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