Technical sheet:

MXT 840 K

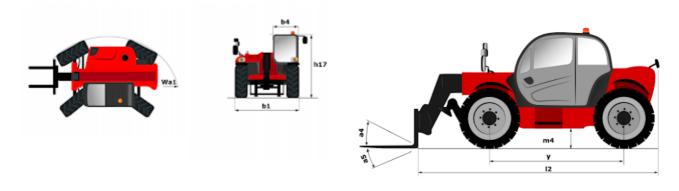






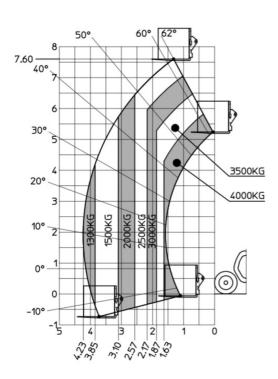
| | | MXT 840 K | Created on April 20, 2024 at 3:27:23 AM UT |
|---|-----------|---|---|
| Capacities | | Metric | Imperial |
| Max. capacity | | 4000 kg | 8818 lb |
| Max. lifting height | | 7.60 m | 24 ft 11 in |
| Max. outreach | | 4.23 m | 13 ft 11 in |
| Weight and dimensions | | 25 | 10 10 11 11 |
| Overall length to carriage | l11 | 4.67 m | 15 ft 4 in |
| Length to face of forks | 12 | 4.67 m | 15 ft 4 in |
| Overall width | b1 | 2.38 m | 7 ft 10 in |
| | | | |
| Overall height | h17 | 2.59 m | 8 ft 6 in |
| Wheelbase | у | 2.58 m | 8 ft 6 in |
| Ground clearance | m4 | 0.37 m | 1 ft 3 in |
| Overall cab width | b4 | 0.85 m | 2 ft 9 in |
| Tilt-up angle | a4 | 12 ° | 12 ° |
| Tilt-down angle | a5 | 114 ° | 114 ° |
| External turning radius (over tyres) | Wa1 | 3.90 m | 12 ft 10 in |
| Unladen weight (with forks) | | 8420 kg | 18563 lb |
| Unladen weight | | 8060 kg | 17769 lb |
| Overall weight | | 8115 kg | 17891 lb |
| Tires type | | Inflatable | Inflatable |
| Standard tires | | BKT 16.0/70-20 14PR- EM936 SPL | BKT 16.0/70-20 14PR- EM936 SPL |
| Forks length / width / section | I / e / s | 1200 mm x 125 mm / 50 mm | 47 in x 5 in / 2 in |
| Performances | | | |
| Lifting | | 13 s | 13 s |
| Lowering | | 9 s | 9 s |
| Extension | | 9 s | 9 s |
| Retraction | | 5 s | 5 s |
| Scoop | | 4.60 s | 4.60 s |
| Dump | | 3.90 s | 3.90 s |
| Engine | | | |
| Engine brand | | Kirloskar | Kirloskar |
| Engine norm | | BS-IV CEV | BS-IV CEV |
| Max. fuel sulphur content | | 300 ppm | 300 ppm |
| Engine model | | 4R1190NA1 | 4R1190NA1 |
| Number of cylinders / Capacity of cylinders | | 4 - 4760 cm³ | 4 - 290 in³ |
| I.C. Engine power rating - Power | | 74.50 Hp / 54.80 kW | 74.50 Hp / 54.80 kW |
| Max. torque / Engine rotation | | 300 Nm @ 1320 rpm | 221 ft/lbs @ 1320 rpm |
| Drawbar pull | | 8300 daN | 8300 daN |
| · | | 8300 daN | 8300 daN |
| Drawbar pull (Laden) Transmission | | 6300 udiv | 8300 dain |
| | | T | Tomas complete |
| Transmission type | | Torque converter | Torque converter |
| Number of gears (forward / reverse) | | 4 / 4 | 4 / 4 |
| Max. travel speed | | 28 km/h | 17 mph |
| Parking brake | | Oil-Immersed Multi-Disc Braking front and rear Axle | Oil-Immersed Multi-Disc Braking front and rear Axle |
| Service brake | | Hydraulic rear & front | Hydraulic rear & front |
| Hydraulics | | | |
| Hydraulic pump type | | Gear pump | Gear pump |
| Hydraulic flow / Pressure | | 91.40 l/min-250 bar | 24 US gpm-3626 PSI |
| Tank capacities | | | |
| Engine oil | | 9.50 l | 3 US gal |
| Hydraulic oil | | 120 I | 32 US gal |
| Fuel tank | | 78.50 l | 21 US gal |
| Noise and vibration | | | |
| Noise at driving position (LpA) | | 90 dB | 90 dB |
| Noise to environment (LwA) | | 110 dB | 110 dB |
| Vibration on hands/arms | | < 2.50 m/s ² | < 2.50 m/s² |
| Miscellaneous | | | |
| Steering wheels (front / rear) | | 2 / 2 | 2 / 2 |
| Drive wheels (front / rear) | | 2 / 2 | 2/2 |
| | | ROPS - FOPS level 2 cab | ROPS - FOPS level 2 cab |
| Safety cab homologation | | RUPS - FUPS level 2 can | RUPS - FUPS level Z can |

MXT 840 K - Dimensional drawing



MXT 840 K - Load chart

Machine on tyres with forks Metric







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