

Technical sheet :

# MT-X 1440 A

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| Capacities                                  |           | Metric   |
|---|-----------|--|
| Max. capacity                               | Q         | 4000 kg  |
| Max. lifting height                         |           | 13.40 m  |
| Max. outreach                               |           | 9.46 m   |
| Breakout force with bucket                  |           | 8800 daN   |
| Weight and dimensions                       |           |  |
| Overall length to carriage                  | l11       | 6.02 m   |
| Length to face of forks                     | l2        | 6.13 m   |
| Overall width                               | b1        | 2.36 m   |
| Overall height                              | h17       | 2.45 m   |
| Wheelbase                                   | y         | 3.07 m   |
| Ground clearance                            | m4        | 0.37 m   |
| Overall cab width                           | b4        | 0.89 m   |
| Tilt-up angle                               | a4        | 12 °   |
| Tilt-down angle                             | a5        | 114 °  |
| External turning radius (over tyres)        | Wa1       | 3.94 m   |
| Unladen weight (with forks)                 |           | 11065 kg   |
| Unladen weight (with man basket)            |           | 11745 kg   |
| Tires type                                  |           | Pneumatic  |
| Standard tires                              |           | Alliance 400/80 - 24 - 162A8                           |
| Forks length / width / section              | l / e / s | 1200 mm x 125 mm x 45 mm                               |
| Performances                                |           |  |
| Lifting                                     |           | 16 s   |
| Lowering                                    |           | 13 s   |
| Extension                                   |           | 19 s   |
| Retraction                                  |           | 15 s   |
| Crowd                                       |           | 4 s  |
| Dump  |           | 4 s  |
| Engine                                      |           |  |
| Engine brand                                |           | Perkins  |
| Engine norm                                 |           | Stage IIIA   |
| Max. fuel sulphur content                   |           | 5000 ppm   |
| Engine model                                |           | 1104D-44TA   |
| Number of cylinders / Capacity of cylinders |           | 4 - 4400 cm³   |
| Engine power (Hp/kW)                        |           | 101 Hp / 74.50 kW                                      |
| Max. torque / Engine rotation               |           | 400 Nm @ 1400 rpm                                      |
| Drawbar pull (Laden)                        |           | 9340 daN   |
| Transmission                                |           |  |
| Transmission type                           |           | Torque converter                                       |
| Number of gears (forward / reverse)         |           | 4 / 4  |
| Max. travel speed                           |           | 25.60 km/h   |
| Parking brake                               |           | Automatic Negative Hand-brake                          |
| Service brake                               |           | Oil-immersed multi-discs braking on front & rear axles |
| Hydraulics                                  |           |  |
| Hydraulic pump type                         |           | Gear pump  |
| Hydraulic flow / Pressure                   |           | 167 l/min-265 bar                                      |
| Tank capacities                             |           |  |
| Engine oil                                  |           | 11.40 l  |
| Hydraulic oil                               |           | 135 l  |
| Fuel tank capacity                          |           | 140 l  |
| Noise and vibration                         |           |  |
| Noise at driving position (LpA)             |           | 82 dB  |
| Noise to environment (LwA)                  |           | 106 dB   |
| Vibration on hands/arms                     |           | < 2.50 m/s²  |
| Compatible platform                         |           |  |
| Platform capacity                           | Q         | 1000 kg  |
| Number of people                            |           | 3  |
| Platform dimensions (length x width)        | lp / ep   | 5000 m x 1200 m  |
| Platform weight*                            |           | 1050 kg  |
| Miscellaneous                               |           |  |
| Steering wheels (front / rear)              |           | 2 / 2  |
| Drive wheels (front / rear)                 |           | 2 / 2  |
| Cab certification                           |           | Cabin ROPS - FOPS level 2                              |
| Controls                                    |           | JSM  |

## MT-X 1440 A - Dimensional drawing



## MT-X 1440 A - Load chart

Machine on stabilisers with Man basket Metric



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