

Technical sheet :

# MT-X 420 H

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| Capacities                                                       |           | Metric                                        |
|------------------------------------------------------------------|-----------|-----------------------------------------------|
| Max. capacity                                                    |           | 2000 kg                                       |
| Max. lifting height                                              |           | 4.35 m                                        |
| Maximum outreach                                                 |           | 2.65 m                                        |
| Breakout force with bucket                                       |           | 1886 daN                                      |
| Weight and dimensions                                            |           |                                               |
| Overall length to carriage                                       | l11       | 3.58 m                                        |
| Overall width                                                    | b1        | 1.49 m                                        |
| Overall height                                                   | h17       | 1.97 m                                        |
| Wheelbase                                                        | y         | 2.13 m                                        |
| Ground clearance                                                 | m4        | 0.24 m                                        |
| Overall cab width                                                | b4        | 0.79 m                                        |
| Tilt-up angle                                                    | a4        | 12 °                                          |
| Tilt-down angle                                                  | a5        | 116 °                                         |
| External turning radius (over tyres)                             | Wa1       | 2.98 m                                        |
| Unladen weight (with forks)                                      |           | 4190 kg                                       |
| Overall weight                                                   |           | 4260 kg                                       |
| Tires type                                                       |           | Pneumatic                                     |
| Forks length / width / section                                   | l / e / s | 1200 mm x 125 mm x 45 mm                      |
| Performances                                                     |           |                                               |
| Lifting                                                          |           | 5 s                                           |
| Lowering                                                         |           | 3.50 s                                        |
| Extension                                                        |           | 4.80 s                                        |
| Retraction                                                       |           | 3 s                                           |
| Crowd                                                            |           | 3.30 s                                        |
| Dump                                                             |           | 2.70 s                                        |
| Engine                                                           |           |                                               |
| Engine brand                                                     |           | Kubota                                        |
| Engine norm                                                      |           | Stage IIIA                                    |
| Max. fuel sulphur content                                        |           | 500 ppm                                       |
| Engine model                                                     |           | V2607                                         |
| Number of cylinders / Capacity of cylinders                      |           | 4 - 2615 cm³                                  |
| I.C. Engine power rating - Power                                 |           | 49 Hp / 36 kW                                 |
| Max. torque / Engine rotation                                    |           | 170 Nm @ 1600 rpm                             |
| Drawbar pull (Laden)                                             |           | 2850 daN                                      |
| Transmission                                                     |           |                                               |
| Transmission type                                                |           | Hydrostatic                                   |
| Number of gears (forward / reverse)                              |           | 2 / 2                                         |
| Max. travel speed                                                |           | 25 km/h                                       |
| Max. travel speed (may vary according to applicable regulations) |           | 25 km/h                                       |
| Parking brake                                                    |           | Automatic Negative Hand-brake                 |
| Service brake                                                    |           | Disk brake on the cadran shaft                |
| Hydraulics                                                       |           |                                               |
| Hydraulic pump type                                              |           | Gear pump                                     |
| Hydraulic flow / Pressure                                        |           | 78 l/min-235 bar                              |
| Tank capacities                                                  |           |                                               |
| Engine oil                                                       |           | 10.20 l                                       |
| Hydraulic oil                                                    |           | 70 l                                          |
| Fuel tank                                                        |           | 60 l                                          |
| Noise and vibration                                              |           |                                               |
| Noise at driving position (LpA)                                  |           | 76 dB                                         |
| Noise to environment (LWA)                                       |           | 104 dB                                        |
| Vibration on hands/arms                                          |           | < 2.50 m/s²                                   |
| Miscellaneous                                                    |           |                                               |
| Steering wheels (front / rear)                                   |           | 2 / 2                                         |
| Drive wheels (front / rear)                                      |           | 2 / 2                                         |
| Safety / Cab certification                                       |           | Standard EN 15000 / ROPS - FOPS cab (level 1) |
| Controls                                                         |           | JSM                                           |

MT-X 420 H - Dimensional drawing



MT-X 420 H - Load chart

Machine on tires with forks Metric





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