Technical sheet :







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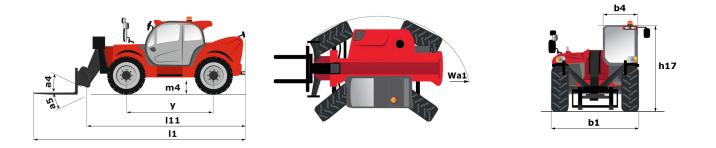
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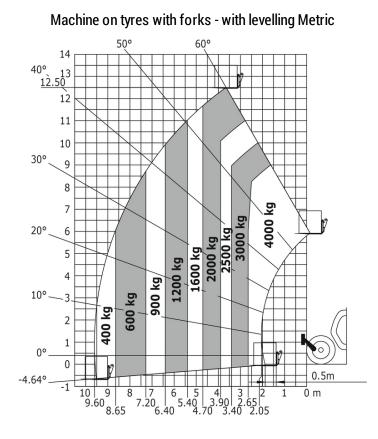
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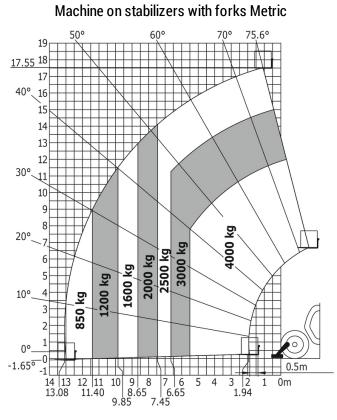
| apacities ax. capacity ax. capacity ax. cifting height ax. outreach eakout force with bucket eight and dimensions ereall length to carniage ereall width rerall height heelbase ound clearance ereal cab width Lteup angle Lteup angle Lteup angle Lteup source ereal turning radius (over tyres) hladen weight (with forks) res type andradt tyres urks length / width / section efformances fiting weering ttension ttension ttension ended en  |           |   |
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| Ax capacity ax. capacity ax. capacity ax. capacity ax. cutreach eakout force with bucket elght and climensions ereall length to carriage ereall with wereal length to carriage ereal with heelbase oound clearance ereal cab width lt-up angle lt-down angle ttemal tuming radius (over tyres) hladen weight (with forks) tres type andard tyres irks length / width / section ifformances fiting wering tension tension cowd ump   |           | Metric  |
| ax. lifting height<br>ax. outreach<br>eakout force with bucket<br>eight and dimensions<br>everall length to carriage<br>everall width<br>everall height<br>heelbase<br>ound clearance<br>everall cab width<br>letup angle<br>let down angle<br>tetwal tuming radius (over tyres)<br>haden weight (with forks)<br>res type<br>andard tyres<br>vikes length / width / section<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>ifformances<br>if |           | 4000 kg   |
| ax. outreach<br>eakout force with bucket<br>eight and dimensions<br>everall length to carriage<br>everall width<br>everall height<br>heelbase<br>oound clearance<br>everall cab width<br>letup angle<br>letdown angle<br>tetremal tuming radius (over tyres)<br>haladen weight (with forks)<br>rres type<br>andard tyres<br>wks length / width / section<br>ifformances<br>fiting<br>wweing<br>tension<br>etraction<br>owd<br>amp   |           | 17.55 m   |
| eakout force with bucket<br>eight and dimensions<br>everall length to carriage<br>everall width<br>everall height<br>heelbase<br>ound clearance<br>everall cab width<br>letup angle<br>letdown angle<br>termal turning radius (over tyres)<br>haden weight (with forks)<br>res type<br>andard tyres<br>res type<br>andard tyres<br>surks length / width / section<br>ifformances<br>fiting<br>weing<br>tension<br>tension<br>tension<br>tension<br>tension<br>tension<br>tension<br>tension<br>tension  |           | 13.08 m   |
| eight and dimensions<br>erall length to carriage<br>erall width<br>erall height<br>heelbase<br>ound clearance<br>erall cab width<br>letup angle<br>letdown angle<br>termal tuming radius (over tyres)<br>hladen weight (with forks)<br>res type<br>andard tyres<br>rks length / width / section<br>ifformances<br>fiting<br>wering<br>tension<br>tension<br>tension<br>tension<br>tension<br>tension  |           | 7500 daN  |
| verall length to carriage verall length to carriage verall width verall height height height heighase ound clearance verall cab width letup angle letdown angle tetmal turning radius (over tyres) haden weight (with forks) res type andard tyres res type andard tyres rks length / width / section rformances fting wering tension tetraction owd imp igine  |           | 7500 dain   |
| erall width<br>erall height<br>heelbase<br>ound clearance<br>erall cab width<br>It-up angle<br>It-down angle<br>temal tuming radius (over tyres)<br>haden weight (with forks)<br>res type<br>andard tyres<br>res type<br>andard tyres<br>andard tyres<br>surks length / width / section<br>ifformances<br>fifing<br>wering<br>tension<br>tension<br>tension<br>tension<br>tension<br>tension<br>tension<br>tension<br>tension<br>tension  | 111       | 6.16 m  |
| erall height<br>heelbase<br>ound clearance<br>erall cab width<br>t-up angle<br>t-down angle<br>temal tuming radius (over tyres)<br>hladen weight (with forks)<br>res type<br>andard tyres<br>res type<br>andard tyres<br>surks length / width / section<br>ifformances<br>fiting<br>weing<br>tension<br>ttraction<br>turaction<br>owd<br>imp  | l11<br>b1 | 6.16 m  |
| heelbase<br>ound clearance<br>verall cab width<br>It-up angle<br>It-down angle<br>temal tuming radius (over tyres)<br>haden weight (with forks)<br>res type<br>andard tyres<br>res type<br>andard tyres<br>itres length / width / section<br>vering<br>ting<br>weing<br>tension<br>teraction<br>owd<br>ump  |           | 2.42 m  |
| ound clearance<br>verall cab width<br>It-up angle<br>It-down angle<br>temal tuming radius (over tyres)<br>haden weight (with forks)<br>res type<br>andard tyres<br>vers type<br>andard tyres<br>vers length / width / section<br>vers fing<br>fting<br>fting<br>tension<br>teraction<br>owd<br>ump  | h17       | 2.45 m  |
| erall cab width<br>It-up angle<br>It-down angle<br>temal tuming radius (over tyres)<br>haden weight (with forks)<br>res type<br>andard tyres<br>urks length / width / section<br>urformances<br>fting<br>tension<br>tension<br>teraction<br>owd<br>ump  | у         | 3.07 m  |
| It-top angle<br>It-top angle<br>It-down angle<br>temal tuming radius (over tyres)<br>hladen weight (with forks)<br>res type<br>andard tyres<br>urks length / width / section<br>urformances<br>fting<br>tension<br>teraction<br>owd<br>ump  | m4        | 0.37 m  |
| It-down angle<br>temal tuming radius (over tyres)<br>hladen weight (with forks)<br>tres type<br>andard tyres<br>urks length / width / section<br>urformances<br>fting<br>tension<br>teraction<br>owd<br>ump<br>tigine   | b4        | 0.89 m  |
| temal tuming radius (over tyres)<br>nladen weight (with forks)<br>res type<br>andard tyres<br>urks length / width / section<br>urformances<br>fting<br>weing<br>tension<br>teraction<br>owd<br>ump  | a4        | 12 °  |
| hladen weight (with forks)<br>res type<br>andard tyres<br>urks length / width / section<br>urformances<br>fting<br>weing<br>ttension<br>traction<br>owd<br>ump<br>Igine   | а5        | 114 °   |
| res type<br>andard tyres<br>urks length / width / section<br>urformances<br>fting<br>weing<br>transion<br>traction<br>owd<br>ump  | Wa1       | 3.94 m  |
| andard tyres<br>vrks length / width / section<br>urformances<br>fting<br>wering<br>transion<br>traction<br>owd<br>ump<br>ugine  |           | 11630 kg  |
| urks length / width / section<br>urformances<br>fting<br>wering<br>ttension<br>teraction<br>owd<br>ump<br>ugine   |           | Pneumatic   |
| Informances<br>fting<br>wering<br>Itension<br>Iteraction<br>owd<br>Jump<br>Igine  |           | Alliance 400/80 - 24 -162A8                           |
| fting<br>wering<br>tension<br>traction<br>owd<br>ump<br>Igine   | l / e / s | 1200 mm x 125 mm / 50 mm                              |
| wering<br>tension<br>traction<br>owd<br>ump<br>Igine  |           |   |
| rtension<br>Araction<br>owd<br>Jmp<br>Igine   |           | 17.30 s   |
| traction<br>owd<br>Imp<br>Igine   |           | 12.70 s   |
| owd<br>Imp<br>Igine   |           | 16.10 s   |
| imp<br>Igine  |           | 15.60 s   |
| igine   |           | 5 s   |
|   |           | 4 s   |
|   |           |   |
| igine brand   |           | Perkins   |
| igine nom   |           | Stage IIIA  |
| igine model   |           | 1104D-44TA  |
| umber of cylinders / Capacity of cylinders  |           | 4 - 4400 cm³  |
| C. Engine power rating - Power (kW)   |           | 101 Hp / 74.50 kW                                     |
| ax. torque / Engine rotation  |           | 400 Nm @ 1400 rpm                                     |
| awbar pull (Laden)  |           | 10000 daN   |
| ansmission  |           |   |
| ansmission type   |           | Torque converter                                      |
| umber of gears (forward / reverse)  |           | 4 / 4   |
| ax. travel speed  |           | 24.90 km/h  |
| rking brake   |           | Automatic negative brake                              |
| rvice brake   | 0         | il-immersed multi-discs braking on front & rear axles |
| rdraulics   |           |   |
| rdraulic pump type  |           | Gear pump   |
| rdraulic flow / Pressure  |           | 167 l/min / 270 bar                                   |
| ink capacities  |           | 101 1/1111 / 210 bai                                  |
| ini capacites   |           | 11.40   |
| gine on<br>draulic oil  |           | 1351  |
| voranic on<br>rel tank  |           | 1351  |
|   |           | 1401  |
| vise and vibration  |           | 00.10   |
| vise at driving position (LpA)  |           | 82 dB   |
| pise to environment (LwA)   |           | 105 dB  |
| bration on hands/arms   |           | < 2.50 m/s²   |
| iscellaneous  |           |   |
| eering wheels (front / rear)  |           | 2/2   |
| ive wheels (front / rear)   |           | 2/2   |
| fety cab homologation   |           | Cabin ROPS - FOPS Level 2                             |
| ontrols   |           | JSM   |

## MT-X 1840 - Dimensional drawing



MT-X 1840 - Load chart







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