Technical sheet :

## **MT 1440 HA ST5**

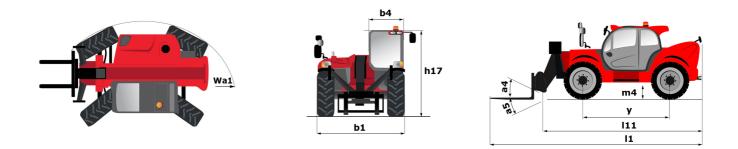




|  | мт 1440 на sтs Created on 20 May 2024 at 13:12:36 U |
|--|---|
| Capacities                                 | Metric  |
| Max. capacity                              | 4000 kg   |
| Vax. lifting height                        | 13.53 m   |
| Max. outreach                              | 9.46 m  |
| Breakout force with bucket                 | 9390 daN  |
| Veight and dimensions                      |   |
| )verall length to carriage                 | l11 6.02 m  |
|  |   |
| ength to face of forks                     | l2 6.13 m   |
| Iverall width                              | b1 2.36 m   |
| verall height                              | h17 2.45 m  |
| /heelbase                                  | y 3.07 m  |
| round clearance                            | m4 0.37 m   |
| verall cab width                           | b4 0.89 m   |
| ilt-up angle                               | a4 12 °   |
| ilt-down angle                             | a5 114 °  |
| xternal turning radius (over tyres)        | Wa1 3.94 m  |
| nladen weight (with forks)                 | 11620 kg  |
| verall weight                              | 11200 kg  |
| ires type                                  | Pneumatic   |
| tandard tires                              | Alliance 400/80 - 24 - 162A8                        |
|  |   |
| orks length / width / section              | l / e / s 1200 mm x 125 mm / 45 mm                  |
| erformances                                |   |
| ifting                                     | 16 s  |
| owering                                    | 14 s  |
| xtension                                   | 19 s  |
| etraction                                  | 15 s  |
| rowd                                       | 4 s   |
| ump  | 4 s   |
| ngine                                      |   |
| ngine brand                                | Deutz   |
| ngine norm                                 | Stage V   |
| ngine model                                | TCD 3.6   |
| umber of cylinders / Capacity of cylinders | 4 - 3621 cm <sup>3</sup>                            |
| C. Engine power rating - Power             | 100 Hp / 75 kW                                      |
|  |   |
| Max. torque / Engine rotation              | 410 Nm @ 1600 rpm                                   |
| rawbar pull (Laden)                        | 7520 daN  |
| ransmission                                |   |
| ransmission type                           | Hydrostatic   |
| umber of gears (forward / reverse)         | 3 / 3   |
| ax. travel speed                           | 24.90 km/h  |
| arking brake                               | Automatic parking brake                             |
| ervice brake                               | Oil-immersed multi-discs braking on front & rea     |
|  | axles   |
| lydraulics                                 |   |
| ydraulic pump type                         | Gear pump   |
| ydraulic flow / Pressure                   | 167 l/min-270 bar                                   |
| ank capacities                             |   |
| ngine oil                                  | 10  |
| lydraulic oil                              | 135   |
| uel tank                                   | 140   |
| EF tank capacity                           | 22.60   |
| oise and vibration                         |   |
|  | 79 dB   |
| oise at driving position (LpA)             |   |
| loise to environment (LwA)                 | 106 dB  |
| ibration on hands/arms                     | < 2.50 m/s²   |
| /iscellaneous                              |   |
| teering wheels (front / rear)              | 2/2   |
| rive wheels (front / rear)                 | 2/2   |
| Safety cab homologation                    | ROPS - FOPS level 2 cab                             |
| Controls                                   | JSM   |
| ditional information                       | Data indicated with basket basket, except max       |
| Additional information                     | capacity, lifting height and offset.                |
|  |   |

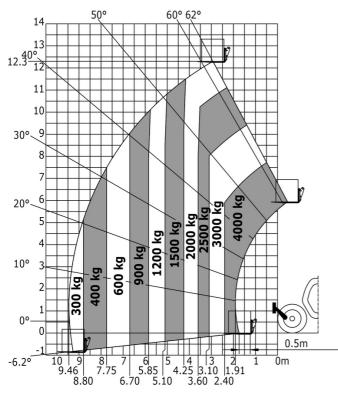
Data indicated with basket basket, except max. capacity, lifting height and offset.

## MT 1440 HA ST5 - Dimensional drawing

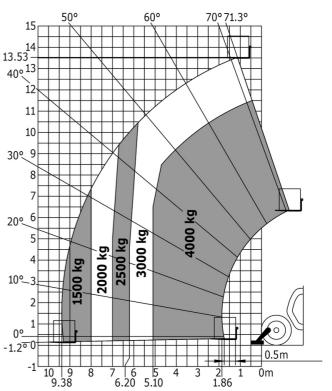


## MT 1440 HA ST5 - Load chart

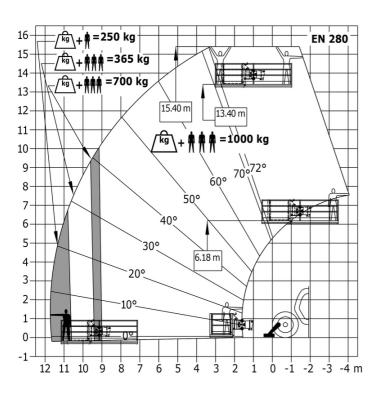
Machine on tyres with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Metric





Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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