Technical sheet:

# MT 1840 ST5

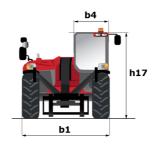


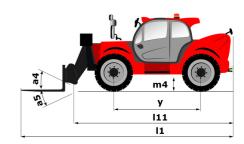


| Capacities Max. infling height Mesized of infling height Mesized infling height Mesized infling height Mind of acting infling infl |  |
|--|--|
| Max capacity         Amain Max ifficial pacity           Max ifficial pacity         Amain Max ifficial pacity           Max ifficial pacity         Included the pacity           Max ifficial pacity         Intil Response of Capacity           Overall height ocarriage         12           Overall height         15           Overall height         15           Overall height         16           Overall height         44           Intil Judian weight (with fire)         44           Uniform and the second fire         44           Extension         44           Performances         16           Extension         44           Performances         17           Extension         44           Performances         16           Extension         44           Extension         44           Extension         44           Extension         44           Extensi   | Metric                                     |
| Max Infigo height  | 4000 kg                                    |
| Maximum outreach   Sealand Income with bucket   Sealand Income with with with a sealand Income with with with with with with with with   | 17.55 m                                    |
| Readout force with bucket  | 13.08 m                                    |
| Weight of diffenctions         111           Oreall leight to carriage         12           Leight to face of forks         12           Overall width         b1           Overall width         h17           Wheelbase         y           Orend cleab width         b4           Tilley angle         a4           Tilledom angle         a5           External turning radius (over tyee)         Wal           Unalgade weight (with foxs)         Wal           Overall weight         1/e / s           Tilles type         1/e / s           Standard trees         1/e / s           Forks length / width / section         1/e / s           Forks length / width / section         1/e / s           Forks length / width / section         1/e / s           Forks length / width / section         1/e / s           Forks length / width / section         1/e / s           Forks length / width / section         1/e / s           Forks length / width / section         1/e / s           Forks length / width / section         1/e / s           Forks length / width / section         1/e / s           Forks length / width / section         1/e / s           Fortigenese         1/e / s </td <td>7766 daN</td>  | 7766 daN                                   |
| 111  | 7700 da.ii                                 |
| Length to face of foks   12  | 6.15 m                                     |
| Overall width         b1           Overall clejth         h17           Wheelbase         y           Ground clearance         m4           Overall call width         b4           Tilt down angle         a4           Tilt down angle         a5           External furning radius (over tyres)         Wa1           Unisden weight (with focks)         Wa1           Overall weight         Tires type           Standard tires         Tokick length y width section           Forkis length y width section         1 / e / s           Performances         Intention           Lifting         Intention           Lowering         Intention           Extension         Intention           Retraction         Intention           Scoop         Crowd           Dump         Intention           Engine         Intention           Engine nome         Intention           Engine nome         Intention           Engine nome         Intention           Transmission         Intention           Transmission ty         Intention           Transmission ty         Intention           Transmission ty         Intention  | 6.27 m                                     |
| Overall residue         h17           Wheelbase         y           Ground clearance         m4           Overall cab width         b4           Tilt-up angle         a4           Tilt-up angle         a5           External tuming radius (over tyres)         Wa1           Unaidan weight (with forks)         Wa1           Overall weight         Tires type           Standard tres         Forks length / width / section           Forks length / width / section         I / e / s           Forks length / width / section         I / e / s           Fetrescion         Secop           Crowd         I / e / s           Engine nome         I / e / s           Engine nome         I / e / s           Engine note         I / e / s           Max. torque / Engine rotation         I / e / s           Max. travel speed         I / e / s </td <td>2.36 m</td>  | 2.36 m                                     |
| Wheelbase         y           Gound clearance         m4           Gound clearance         m4           Filt-down angle         a5           External turning radius (over tyres)         Wal           Unisden weight (with forks)         Wal           Overall weight         Val           Tires type         Sanadrad tires           Forka length / width / section         I / e / s           Felf femances         I / e / s           Lifting         I / e / s           Lowering         Extension           Scoop         I / e / s           Crowd         I / e / s           Dump         Engine brown           Engine nome         Engine nome           Engine nome         I / e / s           Engine power rating - Power         I / e / s           Number of cylinders / Capacity of cylinders         I / e / s           L.C. Engine power rating - Power         I / e / s           Number of cylinders / Capacity of cylinders         I / e / s           L.C. Engine power rating - Power         I / e / s           Number of cylinders / Capacity of cylinders         I / e / s           L.C. Engine power rating - Power         I / e / s           Number of cylinders / Capacity of cyl  | 2.45 m                                     |
| Ground clearance         m4           Overal toal width         p4           Tilt-down angle         a4           External turning radius (over tyres)         Wa1           Unladen weight (with forks)         Wa1           Unladen weight (with forks)         Forks length / with / section           Standard tires         Forks length / width / section           Forks length / width / section         I / e / s           Fefformances         I / e / s           Extension         I / e / s           Scoop         Crowd           Dump         E / crowd           Dump         Engine norm           Engine brand         Engine brand           Engine norm         Engine norm           Engine norm         Engine norm           Engine norm         Engine norm           Engine power rating - Power         Axx . torque / Engine rotation           Transmission type         Transmission type           Max. travel speed (laden)         Max. travel speed (may any according to applicable regulations)           Paking brake         Engine norm           Fervice brake         E           Hydraulic pump type         Hydraulic pump type           Hydraulic pump type         Hydraulic pump type   | 3.07 m                                     |
| Overall cab width         b4           Till-tyan gangle         a4           Ith-down angle         a5           External turning radius (over tyres)         Wa1           Unladen weight (with forks)         Wa1           Unladen weight (with forks)         Verall weight           Tires type         Standard tires           Forks length / width / section         1 / e / s           Fetformances         1 / e / s           Liffing         1 / e / s           Lowering         1 / e / s           Extension         8 - e / e / e / e / e / e / e / e / e / e   |  |
| Tilt up angle         a5           Tilt down gright (with forks)         Wal           Unladen weight (with forks)         Wal           Unladen weight (with forks)         Wal           Unladen weight (with forks)         Ferman weight (with forks)           Overall weight         If explain weight (with forks)           Overall weight         If explain weight (with forks)           Ferformances         If explain weight (with forks)           Extension         If explain weight (with forks)           Crowd         If explain weight (with forks)           Dump         Extension           Retraction         Fergine           Scoop         If explain weight (with forks)           Crowd         If explain weight (with forks)           Dump         If explain weight (with forks)           Engine brand         If explain weight (with forks)           Engine model         If explain weight (with forks)           Max. torque / Engine robation         If explain weight (with forks)           Dawace pull (Laden)         If explain weight (with forks)           Transmission type         If explain weight (with forks)           Tax expect (ward / reverse)         If explain (with forks)           Transmission type         If explain (with forks) <tr< td=""><td>0.37 m</td></tr<>  | 0.37 m                                     |
| Tilt-down angle         a5           Extenal tuming radius (over tyres)         Wa1           Unaladen weight (with forks)         Coveral weight           Tires type         Sandard tires           Forks length / width / section         I / e / s           Fefformances         I / e / s           Lifting         I / e / s           Extension         I / e / s           Retraction         I / e / s           Scoop         I / e / s           Engine Retraction         I / e / s           Scoop         I / e / s           Crowd         I / e / s           Engine brand         I / e / s           Engine brand         I / e / s           Engine mome         I / e / s           Engine power rating - Power         I / e / s           Max. torque / Engine rotation         I / e / s           Drawbar puti (Laden)         I / e / s           Tansmission type         I / e / s           Number of yolinders / everse)         I / e / s           Transmission type         I / e / s           Number of yolinders / everse)         I / e / s           Tansmission type         I / e / s           Number of yolinders / everse)         I / e / s   | 0.89 m                                     |
| External turning radius (over tyres)         Wal           Unladen weight (with forks)         Voerall weight           Tires type         Standard dies           Forks length / width / section         I / e / s           Performances         I / e / s           Liffing         Loweng           Extension         Retraction           Secop         I / e / s           Crowd         I / e / s           Dump         I / e / s           Engine         I / e / s           Engine brand         I / e / s           Engine more         I / e / s           Engine more         I / e / s           Engine more         I / e / s           Engine more of vyinders / Capacity of cylinders         I / e / s           LC. Engine power rating - Power         I / e / s           Max. torque / Engine rotation         I / e / s           Drawbar pull (Laden)         I / e / s           Transmission         I / e / s           Max. travel speed (Inder)         I / e / s           Max. travel speed (Inder)         I / e / s           Max. travel speed (Inder)         I / e / s           Max. travel speed (Inder)         I / e / s           Service brake         I / e / s     <  | 16 °                                       |
| Unaden weight (with forks)   | 110°                                       |
| Overall weight Tires type Standard tires Forks length / width / section Performances Lifting Lowering Extension Retreaction Scoop Crowd Dump Engine Engine brand Engine brand Engine road Engine road Engine road Number of cylinders / Capacity of cylinders LC. Engine power atting - Power Max. torque / Engine rotation Drawbar pull (Laden) Transmission type Number of gears (forward / reverse) Transmission type Max. travel speed (may vary according to applicable regulations) Parking brake Service brake Hydraulic sumy Plessure Tank capacities Engine lon Hydraulic sumy Plessure Tank capacities Engine lon Hydraulic oil Diesel Exhaust fluid (AdBlue® type) Fuel tank Noise and vibration  | 3.94 m                                     |
| Tires type   Sandard tires   Forks length, y width / section   1 / e / s   Forks length, y width / section   1 / e / s   Forks length, y width / section   1 / e / s   Forks length, y width / section   1 / e / s   E / s     | 11870 kg                                   |
| Standard tires         1 / e / s           Forks length / width / section         1 / e / s           Performances         1 / e / s           Lifting         1 / e / s           Lowering         1 / e / s           Extension         8 / e / s           Retraction         8 / e / e / s           Scoop         6 / e / e / e / e / e / e / e / e / e /   | 11870 kg                                   |
| Forks length / width / section   | Inflatable                                 |
| Performances   | Alliance 400/80 - 24 - 162A8               |
| Lifting  Lowering  Extension  Retraction  Scoop  Crowd  Dump  Engline  Engline brand Engline brand Engline model Number of cylinders / Capacity of cylinders  I.C. Engline power rating - Power  Max. torque / Engline rotation  Transmission type Number of gears (forward / reverse) Travel speed (laden)  Max. travel speed (may vary according to applicable regulations) Parking brake  Service brake Hydraulic flow / Pressure Engline oll Hydraulic flow / Pressure Engline oll Hydraulic oil Diesel Exhaust fluid (AdBlue® type) Fuel tank Notes and vibration   | 1200 mm x 125 mm x 45 mm                   |
| Extension Retraction Scoop Crowd Dump Engine brand Engine brand Engine prome rating - Power Max. tarque / Engine rotation Transmission type Number of gears (forward / reverse) Travel speed (laden) Max. travel speed (may vary according to applicable regulations) Parking brake Service brake Hydraulic flow / Pressure Engine oll Engine oll Hydraulic flow / Pressure Engine oll Hydraulic flow / Pressure Engine oll Hydraulic oll Diesel Exhaust fluid (AdBlue® type) Fuel tank Noise and vibration   |  |
| Extension Retaction Scoop Crowd Dump Engine Engine Melevation Engine model Number of cylinders / Capacity of cylinders L.C. Engine power rating - Power Max. torque / Engine rotation Drawbar pull (Laden) Transmission Transmission type Number of gears (forward / reverse) Travel speed (laden) Max. travel speed (may vary according to applicable regulations) Parking brake Service brake Oil- Hydraulic flow / Pressure Tank capacities Engine oil Hydraulic flow / Pressure Tank capacities Engine oil Hydraulic oil Diesel Exhaust fluid (AdBlue® type) Fuel tank Noise and vibration   | 16 s                                       |
| Retraction Scoop Crowd Dump Engine Engine Engine brand Engine nom Engine mode! Number of cylinders / Capacity of cylinders I.C. Engine power rating - Power Max. torque / Engine rotation Transmission Transmission type Number of gears (forward / reverse) Travel speed (laden) Max. travel speed (may vary according to applicable regulations) Parking brake Service brake    Oil- Hydraulic flow / Pressure Tank capacities Engine oil Hydraulic (AdBlue® type) Fuel tank Noise and vibration   | 12 s                                       |
| Scoop Crowd Dump Engine Engine brand Engine norm Engine model Number of cylinders / Capacity of cylinders I.C. Engine power rating - Power Max. torque / Engine rotation Drawbar pull (Laden) Transmission Transmission type Number of gears (forward / reverse) Travel speed (laden) Max. travel speed Max. travel speed (may vary according to applicable regulations) Parking brake Service brake Hydraulic pump type Hydraulic pump type Hydraulic pum Pype Hydraulic oil Hydraulic oil Diesel Exhaust fluid (AdBlue® type) Fuel tank Noise and vibration  | 16 s                                       |
| Scoop Crowd Dump Engine Engine brand Engine norm Engine model Number of cylinders / Capacity of cylinders I.C. Engine power rating - Power Max. torque / Engine rotation Drawbar pull (Laden) Transmission Transmission type Number of gears (forward / reverse) Travel speed (laden) Max. travel speed Max. travel speed (may vary according to applicable regulations) Parking brake Service brake Hydraulic pump type Hydraulic pump type Hydraulic pum Pype Hydraulic oil Hydraulic oil Diesel Exhaust fluid (AdBlue® type) Fuel tank Noise and vibration  | 13 s                                       |
| Crowd Dump Engine Engine brand Engine norm Engine model Number of cylinders / Capacity of cylinders I.C. Engine power rating - Power Max. torque / Engine rotation Drawbar pull (Laden) Transmission Transmission type Number of gears (forward / reverse) Travel speed (laden) Max. tavel speed Max. travel speed (may vary according to applicable regulations) Parking brake Service brake Hydraulic pump type Hydraulic pump type Hydraulic flow / Pressure Tank capacities Engine oil Hydraulic coil Diesel Exhaust fluid (AdBlue® type) Fuel tank Noise and vibration  | 4 s  |
| Dump Engine Engine brand Engine norm Engine model Number of cylinders / Capacity of cylinders I.C. Engine power rating - Power Max. torque / Engine rotation Transmission Transmission type Number of gears (forward / reverse) Travel speed (laden) Max. travel speed Max. travel speed Max. travel speed (may vary according to applicable regulations) Parking brake Service brake Hydraulic pump type Hydraulic flow / Pressure Tank capacities Engine oil Hydraulic villo (AdBlue® type) Fuel tank Noise and vibration  | 4 s  |
| Engine brand Engine norm Engine model Number of cylinders / Capacity of cylinders I.C. Engine power rating - Power Max. torque / Engine rotation Drawbar pull (Laden) Transmission Transmission Transmission pe Number of gears (forward / reverse) Travel speed (laden) Max. travel speed (may vary according to applicable regulations) Parking brake Service brake Hydraulic pump type Hydraulic flow / Pressure Tank capacities Engine oil Hydraulic oil Diesel Exhaust fluid (AdBlue® type) Fuel tank Noise and vibration   | 4 s  |
| Engine brand Engine norm Engine model Number of cylinders / Capacity of cylinders I.C. Engine power rating - Power Max. torque / Engine rotation Drawbar pull (Laden) Transmission Transmission type Number of gears (forward / reverse) Travel speed (laden) Max. travel speed (may vary according to applicable regulations) Parking brake Service brake Hydraulic pump type Hydraulic flow / Pressure Tank capacities Engine oil Hydraulic oil Diesel Exhaust fluid (AdBlue® type) Fuel tank Noise and vibration  | . "  |
| Engine nome Engine model Number of cylinders / Capacity of cylinders I.C. Engine power rating - Power Max. torque / Engine rotation Drawbar pull (Laden) Transmission Transmission Transmission type Number of gears (forward / reverse) Travel speed (laden) Max. travel speed (may vary according to applicable regulations) Parking brake Service brake Gervice brake Hydraulic grump type Hydraulic flow / Pressure Tank capacities Engine oil Hydraulic oil Diesel Exhaust fluid (AdBlue® type) Fuel tank Noise and vibration   | Deutz                                      |
| Engine model  Number of cylinders / Capacity of cylinders  L.C. Engine power rating - Power  Max. torque / Engine rotation  Drawbar pull (Laden)  Transmission  Transmission type  Number of gears (forward / reverse)  Travel speed (laden)  Max. travel speed  Max. travel speed (may vary according to applicable regulations)  Parking brake  Service brake  Hydraulics  Hydraulic pump type  Hydraulic flow / Pressure  Tank capacities  Engine oil  Hydraulic oil  Diesel Exhaust fluid (AdBlue® type)  Fuel tank  Noise and vibration   | Stage V                                    |
| Number of cylinders / Capacity of cylinders  I.C. Engine power rating - Power  Max. torque / Engine rotation  Drawbar pull (Laden)  Transmission  Transmission  Transmission  Number of gears (forward / reverse)  Travel speed (laden)  Max. travel speed  Max. travel speed  Max. travel speed  May vary according to applicable regulations)  Parking brake  Service brake  Hydraulics  Hydraulic pump type  Hydraulic flow / Pressure  Tank capacities  Engine oil  Hydraulic oil  Diesel Exhaust fluid (AdBlue® type)  Fuel tank  Noise and vibration   | TCD 3.6                                    |
| I.C. Engine power rating - Power  Max. torque / Engine rotation  Drawbar pull (Laden)  Transmission  Transmission type  Number of gears (forward / reverse)  Travel speed (laden)  Max. travel speed  Max. travel speed  Max. travel speed (may vary according to applicable regulations)  Parking brake  Service brake  Hydraulics  Hydraulic flow / Pressure  Tank capacities  Engine oil  Hydraulic (AdBlue® type)  Fuel tank  Noise and vibration  | 4 - 3621 cm <sup>3</sup>                   |
| Max. torque / Engine rotation Drawbar pull (Laden)  Transmission Transmission type Number of gears (forward / reverse) Travel speed (laden) Max. travel speed Max. travel speed (may vary according to applicable regulations) Parking brake Service brake  Hydraulics Hydraulic pump type Hydraulic flow / Pressure  Tank capacities Engine oil Hydraulic (AdBlue® type) Fuel tank Noise and vibration  |  |
| Drawbar pull (Laden)  Transmission  Transmission type  Number of gears (forward / reverse)  Travel speed (laden)  Max. travel speed (may vary according to applicable regulations)  Parking brake  Service brake  Hydraulics  Hydraulic pump type  Hydraulic flow / Pressure  Tank capacities  Engine oil  Hydraulic oil  Diesel Exhaust fluid (AdBlue® type)  Fuel tank  Noise and vibration  | 100 Hp / 75 kW                             |
| Transmission type Number of gears (forward / reverse) Travel speed (laden) Max. travel speed Max. travel speed (may vary according to applicable regulations) Parking brake Service brake Gervice brake Hydraulics Hydraulic pump type Hydraulic flow / Pressure Tank capacitles Engine oil Hydraulic oil Diesel Exhaust fluid (AdBlue® type) Fuel tank Noise and vibration  | 410 Nm @ 1600 rpm                          |
| Transmission type Number of gears (forward / reverse) Travel speed (laden) Max. travel speed Max. travel speed (may vary according to applicable regulations) Parking brake Service brake Oil- Hydraulics Hydraulic pump type Hydraulic flow / Pressure  Tank capacities Engine oil Hydraulic oil Diesel Exhaust fluid (AdBlue® type) Fuel tank Noise and vibration  | 7850 daN                                   |
| Number of gears (forward / reverse)  Travel speed (laden)  Max. travel speed  Max. travel speed (may vary according to applicable regulations)  Parking brake  Service brake  Oil-  Hydraulics  Hydraulic pump type  Hydraulic flow / Pressure  Tank capacities  Engine oil  Hydraulic oil  Diesel Exhaust fluid (AdBlue® type)  Fuel tank  Noise and vibration  | _  |
| Travel speed (laden)  Max. travel speed  Max. travel speed (may vary according to applicable regulations)  Parking brake  Service brake  Hydraulics  Hydraulic pump type  Hydraulic flow / Pressure  Tank capacities  Engine oil  Hydraulic oil  Diesel Exhaust fluid (AdBlue® type)  Fuel tank  Noise and vibration   | Torque converter                           |
| Max. travel speed (may vary according to applicable regulations)  Parking brake  Service brake  Hydraulics  Hydraulic pump type  Hydraulic flow / Pressure  Tank capacities  Engine oil  Hydraulic oil  Diesel Exhaust fluid (AdBlue® type)  Fuel tank  Noise and vibration  | 4 / 4                                      |
| Max. travel speed (may vary according to applicable regulations)  Parking brake  Service brake  Oil-  Hydraulics  Hydraulic pump type  Hydraulic flow / Pressure  Tank capacities  Engine oil  Hydraulic oil  Diesel Exhaust fluid (AdBlue® type)  Fuel tank  Noise and vibration  | 25 km/h                                    |
| Parking brake Service brake Oil- Hydraulics Hydraulic pump type Hydraulic flow / Pressure  Tank capacities Engine oil Hydraulic oil Diesel Exhaust fluid (AdBlue® type) Fuel tank Noise and vibration  | 24.90 km/h                                 |
| Service brake Oil- Hydraulics Hydraulic pump type Hydraulic flow / Pressure  Tank capacitles Engine oil Hydraulic oil Diesel Exhaust fluid (AdBlue® type) Fuel tank Noise and vibration  | 24.90 km/h                                 |
| Hydraulics Hydraulic pump type Hydraulic flow / Pressure  Tank capacities Engine oil Hydraulic oil Diesel Exhaust fluid (AdBlue® type) Fuel tank Noise and vibration   | Automatic parking brake                    |
| Hydraulic pump type Hydraulic flow / Pressure  Tank capacities Engine oil Hydraulic oil Diesel Exhaust fluid (AdBlue® type) Fuel tank Noise and vibration  | immersed multi-discs on front & rear axles |
| Hydraulic flow / Pressure  Tank capacities  Engine oil  Hydraulic oil  Diesel Exhaust fluid (AdBlue® type) Fuel tank  Noise and vibration  |  |
| Tank capacities  Engine oil  Hydraulic oil  Diesel Exhaust fluid (AdBlue® type) Fuel tank  Noise and vibration   | Gear pump                                  |
| Engine oil Hydraulic oil Diesel Exhaust fluid (AdBlue® type) Fuel tank Noise and vibration   | 167 l/min-270 bar                          |
| Hydraulic oil Diesel Exhaust fluid (AdBlue® type) Fuel tank Noise and vibration  |  |
| Diesel Exhaust fluid (AdBlue® type) Fuel tank Noise and vibration  | 10 l                                       |
| Fuel tank Noise and vibration  | 135 l                                      |
| Noise and vibration  | 22.60 l                                    |
| Noise and vibration  | 140 l                                      |
|  |  |
| ,  | 79 dB                                      |
| Noise to environment (LwA)   | 106 dB                                     |
| Vibration on hands/arms  | < 2.50 m/s <sup>2</sup>                    |
| Miscellaneous  | · 2.00 m/3                                 |
| Steering wheels (front / rear)   | 2/2  |
|  | 2/2  |
| Drive wheels (front / rear)  | Cabin ROPS - FOPS level 2                  |
| Cab certification  Controls  | JSM  |

## MT 1840 ST5 - Dimensional drawing

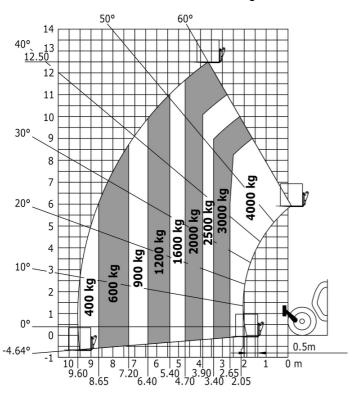




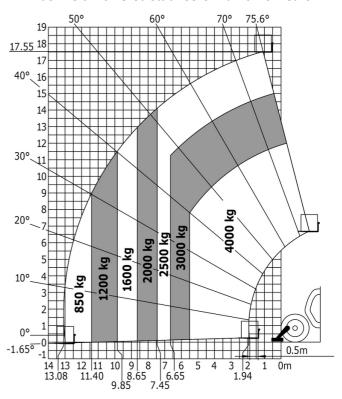


### MT 1840 ST5 - Load chart

Machine on tires with forks - with levelling device Metric



#### Machine on lowered stabilisers with forks 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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