Technical sheet:

# MTA 642

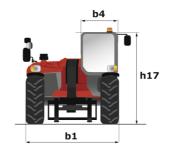


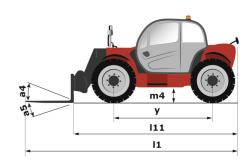


| Name   |   | MIA 642 Gledied Off Adgust 12, 2023 at 0.20 f |
|--|---|---|
| Vax. It into pelopic the water immorates and immo                        | Capacities                                  | Metric  |
| Maximum obseach         8.90 m           Length of Lock of Locks         2         6.30 m           Length of Lock of Locks         11         7.51 m           Deveal Health (with first)         11         7.51 m           Deveal Health (with first)         11         2.48 m           Deveal Health (with first)         10         2.48 m           Deveal Health (with first)         17         2.24 m           Lock of Lock (with first)         4         0.55 m           Lift-Lock (with first)         4         0.55 m           Lift-Lock (with first)         43         3.4 m           Lift-Lock (with first)         10.85 kg         10.85 kg           Lock (with first)         11 kg         12.19 mm x 10 m m x  | Max. capacity                               | 2721.60 kg                                    |
| Weight and dimentalions         Use of the company of face of ficks         12         6.30 mm           Decall length (with forks)         11         7.51 mm         7   | Max. lifting height                         | 12.96 m                                       |
| Length of Each of Foots   12   | Maximum outreach                            | 8.69 m  |
| 1   7.5 lm   | Weight and dimensions                       |   |
| December    |   | l2 6.30 m                                     |
| Needlawinth  | Overall length (with forks)                 | l1 7.51 m                                     |
| Near      |   |   |
| Wheelbase         y         3.50 m           Journal clasmace         m4         0.46 m           Overall cab width         b4         0.95 m           Unification anging         a6         9 c*           Schemal tuming radius         x6         9 c*           Schemal tuming radius         x6         9 c*           Schemal weight (with forks)         10365 kg         10365 kg           Unifies by         Penumatic         Penumatic           rock length y-width / section         1 / e / x         1219 mm x 101 mm x 50.90 mm           rock length y-width / section         y e         10.55 kg           Times by         6         7 mm x 101 mm x 50.90 mm           ration bevening contector         39         0 c           victorialization         3 mm x 101 mm x 50.90 mm           Fifting         6 s         7 mm x 101 mm x 50.90 mm           Fifting         6 s         7 mm x 101 mm x 50.90 mm           Fifting         6 s         7 mm x 101 mm x 50.90 mm           Fifting         6 s         6 s           Fighter         6 s         6 s           Fighter         7 mm x 102 mm x 102 mm x 102 mm         7 mm x 102 mm x 102 mm           Fighter         7 mm x 102 mm x 102  |   |   |
| International claims with the semilar law width   bild   0.95 m   1  |   |   |
| New State of the Work of the   |   | ·   |
| Illing pangle  |   |   |
| Il-down angle  |   |   |
| Amale   Amal   | · ·   |   |
| Indiade weight (with forks)   10365 kg   1   |   |   |
| Nevall weight   10555 kg   10575 kg   1057   |   |   |
| Ites type  |   |   |
| locks length / width / section         1/ e / s         1219 mm x 101 mm x 50.80 mm         a9         10 ***         ************************************   |   |   |
| Page   10 °   Page   Page   10 °   Page      |   |   |
| Verformances         11 s           owening         6 s           ixtension         17 s           etraction         11 s           rowd         4 s           tump         6 s           ingine         6 s           ingine         Bettz           ingine braid         Deutz           ingine nom         Tier 4 final           ingine mode!         TCD 3.6 t.4           tumber of cylinders / Capacity of cylinders         4 - 3600 cm²           C. Engine power rating- Power         74 Hp /5 s kW           Ax. torque / Engine rotation         390 km @ 2300 rpm           trassmission in yee         Powershift           tumber of gears (forward / reverse)         5 / 3           dax. travel speed         32 km/h           tumber of gears (forward / reverse)         5 / 3           dax. travel speed         Wet disc brakes           vipraulic         Yidraulic primp genease SAHR           terrice brake         Met disc brakes           vipraulic low / Pressure         151 l/min-275 80 bar           falk capacities         152 l/min-275 80 bar           sink capacities         136.301           tuel tank         40 driving position (LpA)   |   |   |
| ifting         6 s           cweeing         6 s           ketraction         17 s           ketraction         11 s           stord         4 s           hump         6 s           ingine         6 s           ingine brand         Deutz           ingine model         Tier 4 final           ingine model         TCD 3.6 t.4           kumber of cylinders / Capacity of cylinders         7 t Hp / 5 k W           faz. torque / Engine rotation         390 Nm @ 2300 rpm           transmission         390 Nm @ 2300 rpm           transmission type         Powershift           tumber of gears (floward / reverse)         5 / 3           tax. travel's pseed         9 Wet disc brakes           typidualics         Wet disc brakes           typidualic pump type         Axial piston           typidualic pump type         Axial piston           typidualic low/ Pressure         151 l/min 275.80 bar           ingine oil         8.511           tydraulic low/ Pressure         152 k W           ingine oil         8.511           tydraulic oil         136.30 l           used tax         4 total contraction           total activity position (tpA)  | <u> </u>                                    | ay 10 °                                       |
| covering         6 s           xtension         17 s           betraction         11 s           crowd         4 s           ump         6 s           rigine         6 s           rigine brand         Deutz           lingine brand         Tier 4 final           ringine momel         Tier 4 final           ringine power rating - Power         4 - 3600 cm²           (2. Engine power rating - Power         7 + Hy / 55 kW           Abx. torque / Engine rotation         390 km @ 2300 pm           Vax. torque / Engine rotation         390 km @ 2300 pm           Vax. torque / Engine rotation         9 New Shift           Vumber of gears (forward / reverse)         5 / 3           Max. travel speed         5 / 3           Max. travel speed         9 2 km/h           Hydraulic spring release SAHR         Wet disc brakes           Hydraulic spring release SAHR         Wet disc brakes           Hydraulic fow / Pessure         151 //min-275.80 bar           rank capacities         155 //min-275.80 bar           ringine coil         8.51 l           total tank         141 l           doise and vibration         141 l           total tank         141 l   |   |   |
| extension         17 s           eteraction         11 s           strowd         4 s           stump         6 s           signe  |   |   |
| The stand  | -   |   |
| A s    |   |   |
| Summine   Summ   |   |   |
| Engine brand         Deutz           Engine brand         Tier 4 final           Engine model         TCD 3.6 L4           Number of cylinders / Capacity of cylinders         4 - 3600 cm³           X.E. Engine power rating - Power         74 Hp / 55 kW           Max. Lorque / Engine rotation         390 Nm @ 2000 pm           Drawbar pull         10433 kgF           Fransmission         Powershift           Number of gears (forward / reverse)         5 / 3           Max. Larval Speed         92 km/h           Parking brake         Hydraulic spring release SAHR           Parking brake         Wet disc brakes           Hydraulic pump type         Axial piston           Hydraulic flow / Pressure         151 l/min-275.80 bar           Fank capacities         151 l/min-275.80 bar           Engine oil         8.51 l           Hydraulic oil         136.30 l           Guel tank         144 l           Volse at driving position (LpA)         80 dB           Wiscellaneous         60 dB           Steering wheels (front / rear)         2 / 2  |   |   |
| Deutz  |   | 6 s   |
| Tier 4 final recognie norm   Tier 4 final rCD 3.6 L4   Automber of Cylinders / Capacity of cylinders   4 - 3600 cm²   4 - 3600 cm²   4 - 3600 cm²   74 Hp / 55 kW   390 Nm @ 2300 pm   390 Nm @ 2300 pm   10433 kgF    Tansmission type  |   |   |
| Engine model         TCD 3.6 L4           Number of cylinders / Capacity of cylinders         4 - 3600 cm³           AC. Engine power rating - Power         74 Hp / 55 kW           Max. torque / Engine rotation         390 Nm @ 2300 rpm           Drawbar pull         10433 kgF           Fransmission         Powershift           Valumber of gears (forward / reverse)         5 / 3           Max. travel speed         32 km/h           Max. travel speed         Wet disc spring release SAHR           Max. travel speed         Wet disc spring release SAHR           Service brake         Wet disc brakes           Hydraulics         Wet disc brakes           Hydraulic pump type         Axial piston           Ingine oil         8.511           Hydraulic oil         8.511           Hydraulic oil         8.511           Glose and diviration         136.301           Voise and diviring position (LpA)         80 dB           Wiscellaneous         60 deep deep deep deep deep deep deep dee  | Engine brand                                |   |
| Lumber of cylinders / Capacity of cylinders         4 - 3600 cm³           C. Engine power rating - Power         74 Hp / 55 kW           Jax. Korque / Engine rotation         390 km @ 2300 rpm           Variabwar pull         10433 kgF           Transmission         Powershift           Humber of gears (forward / reverse)         5 / 3           Jax. Kaval speed         32 km/h           Variety brake         Hydraulic spring release SAHR           Verbreice brake         Wet disc brakes           Hydraulic pump type         Axial piston           Hydraulic flow / Pressure         151 //min-275.80 bar           Engine oil         8.51 l           Hydraulic oil         8.51 l           Lydraulic oil         136.30 l           Livel tank         144 l           Joise at driving position (LpA)         80 dB           Steeling wheels (front / rear)         2 / 2  | ingine norm                                 | Tier 4 final                                  |
| C. Engine power rating - Power       74 Hp / 55 kW         Abax. torque / Engine rotation       390 Nm @ 2300 rpm         Transmission       10433 kgF         Transmission type       Powershift         dumber of gears (forward / reverse)       5 / 3         Abax. travel speed       32 km/h         Parking brake       Hydraulic spring release SAHR         Verbeich brake       Wet disc brakes         Hydraulic pump type       Axial piston         Hydraulic flow / Pressure       151 //min-275.80 bar         Fank capacities       8.51 I         Hydraulic oil       8.51 I         viet lank       136.30 I         diese and vibration       80 dB         diese and vibration       80 dB         diese and wheels (front / rear)       2 / 2   | ingine model                                |   |
| Axx. torque / Engine rotation 390 Nm @ 2300 rpm  Transmission Transmission type Transmission Transmissi | lumber of cylinders / Capacity of cylinders | 4 - 3600 cm <sup>3</sup>                      |
| transmission type  fransmission type  franking frankel (purple)  franking frankel (purple)  franking frankel (purple)  franking frankel  franking franking  franking frankel  franking franking  franking fr | C. Engine power rating - Power              | 74 Hp / 55 kW                                 |
| Fransmission type  Frank | Max. torque / Engine rotation               | 390 Nm @ 2300 rpm                             |
| Fansmission type  Jumber of gears (forward / reverse)  Jack travel speed  Jack travel spe | Orawbar pull                                | 10433 kgF                                     |
| Aux. travel speed 32 km/h Axx. travel speed 32 km/h Axx. travel speed 49draulic spring release SAHR Service brake 49draulic pump type Aydraulic pump type 49draulic flow / Pressure 5151 l/min-275.80 bar 6161 180 180 180 180 180 180 180 180 180 18  | ransmission                                 |   |
| Axx. travel speed  Axx. travel speed  Axxing brake  Axxing practice  Axxing | ransmission type                            | Powershift                                    |
| Parking brake Hydraulic spring release SAHR Wet disc brakes  Advirgulics Hydraulic pump type Advirgulic flow / Pressure 151 l/min-275.80 bar  Advirgulic oil 8.51 l Advirgulic oil 136.30 l Eucl tank Noise and vibration Noise and driving position (LpA)  Miscellaneous  Steering wheels (front / rear)  Hydraulic spring release SAHR Wet disc brakes  Wet disc brakes  Wet disc brakes  Axial piston 151 l/min-275.80 bar  152 l/2 sering wheels (front / rear)  | Number of gears (forward / reverse)         | 5/3   |
| Service brake Wet disc brakes  Addraulic Service brake Service brake Service brake Service brake Service brake Service brake Service S | Max. travel speed                           | 32 km/h                                       |
| Aydraulics         Axial piston           Aydraulic flow / Pressure         151 l/min-275.80 bar           Engine oil         8.51 l           Aydraulic oil         136.30 l           Equitank         144 l           Aloise and vibration         80 dB           Aiscellaneous         2 / 2  | Parking brake                               | Hydraulic spring release SAHR                 |
| Axial piston  Aydraulic pump type  Aydraulic flow / Pressure  Indix capacities  Indi | Service brake                               | Wet disc brakes                               |
| Algoration of Pressure         151 l/min-275.80 bar           Fank capacities         8.51 l           Engine oil         8.51 l           Engine oil         136.30 l           Equal tank         144 l           Foliage and vibration         80 dB           Aliscellaneous         80 dB           Steering wheels (front / rear)         2 / 2  | lydraulics                                  |   |
| Algoration of Pressure         151 l/min-275.80 bar           Fank capacities         8.51 l           Engine oil         8.51 l           Engine oil         136.30 l           Equal tank         144 l           Foliage and vibration         80 dB           Aliscellaneous         80 dB           Steering wheels (front / rear)         2 / 2  | lydraulic pump type                         | Axial piston                                  |
| Fank capacities         8.51 I           Engine oil         8.51 I           Engine oil         136.30 I           Equal tank         144 I           Hoise and vibration         80 dB           Aliscellaneous         80 dB           Steering wheels (front / rear)         2 / 2  | lydraulic flow / Pressure                   |   |
| singine oil       8.51 l         dydraulic oil       136.30 l         suel tank       144 l         doise and vibration       80 dB         discellaneous       80 dB         Steering wheels (front / rear)       2 / 2   | •   |   |
| Adyraulic oil 136.30 l Euel tank 144 l  Aloise and vibration  Aloise at driving position (LpA) 80 dB  Aliscellaneous  Steering wheels (front / rear) 2/2   |   | 8.511   |
| tuel tank 144 I  loise and vibration  loise at driving position (LpA)  ### Aliscellaneous  Steering wheels (front / rear)  144 I  ### Aliscellaneous  2 / 2  |   |   |
| Noise and vibration  Noise at driving position (LpA)  Miscellaneous  Steering wheels (front / rear)  2 / 2   |   |   |
| Noise at driving position (LpA)  ### All Seellaneous  Steering wheels (front / rear)  ### All Seellaneous  ### All |   | 1441  |
| Viscellaneous Steering wheels (front / rear) 2 / 2   |   | 90.40   |
| steering wheels (front / rear) 2 / 2   |   | 80 UB   |
|  |   | 9.10  |
|  | Drive wheels (front / rear)                 | 2/2   |

## MTA 642 - Dimensional drawing

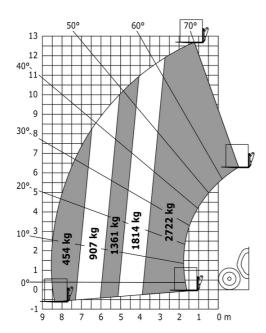






### MTA 642 - Load chart

### Machine on tires with forks Metric







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