Technical sheet :





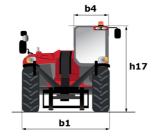


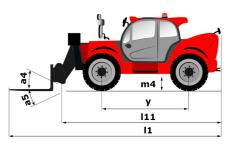


| | MI 625 E CI | |
|--|-------------|--|
| Capacities | | Metric |
| Max. capacity | | 2500 kg |
| Max. lifting height | | 5.85 m |
| Max. outreach | | 3.36 m |
| Breakout force with bucket | | 3770 daN |
| Weight and dimensions | | |
| Overall length to carriage | l11 | 3.83 m |
| Length to face of forks | 12 | 3.89 m |
| Overall length (with forks) | 11 | 5.09 m |
| Overall width | b1 | 1.81 m |
| Overall height | h17 | 1.92 m |
| Wheelbase | У | 2.30 m |
| Ground clearance | m4 | 0.33 m |
| Overall cab width | b4 | 0.80 m |
| Tilt-up angle | a4 | 12 ° |
| Tilt-down angle | а5 | 117 ° |
| External turning radius (over tyres) | Wa1 | 3.31 m |
| Overall weight | | 4755 kg |
| Tires type | | Pneumatic |
| Standard tires | | CAMS0 SKS532 12-16.5 |
| Forks length / width / section | l / e / s | 1200 mm x 125 mm x 45 mm |
| Performances | | |
| Lifting | | 11.10 s |
| Lowering | | 8 s |
| Extension | | 7.70 s |
| Retraction | | 7.40 s |
| Crowd | | 4.45 s |
| Dump | | 4.30 s |
| Engine | | |
| Max. torque | | 200 Nm |
| Drawbar pull (Laden) | | 2090 daN |
| Engine/Battery | | |
| Electric engine power rating | | 20 kW |
| Hydraulic motor power | | 13 kW |
| Battery technology | | Lithium-ion |
| Battery capacity | | 35500 Ah |
| Battery energy | | 35 kWh |
| | | |
| Charger Power / Phase / Current type | | 3 kW / Single-phase or three-phase / AC |
| Electric circuit | | |
| Electric circuit Battery voltage / capacity | | 100 V / 35500 Ah |
| Electric circuit Battery voltage / capacity 12V Battery capacity | | |
| Electric circuit Battery voltage / capacity 12V Battery capacity Transmission | | 100 V / 35500 Ah 75 Ah |
| Electric circuit Battery voltage / capacity 12V Battery capacity Transmission Transmission Transmission type | | 100 V / 35500 Ah 75 Ah Electrical |
| Electric circuit Battery voltage / capacity 12V Battery capacity Transmission Transmission type Number of gears (forward / reverse) | | 100 V / 35500 Ah 75 Ah Electrical 1 / 1 |
| Electric circuit Battery voltage / capacity 12V Battery capacity Transmission Transmission type Number of gears (forward / reverse) Max. travel speed | | 100 V / 35500 Ah 75 Ah Electrical 1 / 1 20 km/h |
| Electric circuit Battery voltage / capacity 12V Battery capacity 12V Battery capacity Transmission Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake | | 100 V / 35500 Ah 75 Ah Electrical 1 / 1 20 km/h Hydraulic spring release SAHR |
| Electric circuit Battery voltage / capacity 12V Battery capacity 12V Battery capacity Transmission Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake | | 100 V / 35500 Ah 75 Ah Electrical 1 / 1 20 km/h |
| Electric circuit Battery voltage / capacity 12V Battery capacity 12V Battery capacity Transmission Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Hydraulics | | 100 V / 35500 Ah 75 Ah Electrical 1 / 1 20 km/h Hydraulic spring release SAHR Hydraulic |
| Electric circuit Battery voltage / capacity 12V Battery capacity 12V Battery capacity Transmission Transmission Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Hydraulics Hydraulic pump type | | 100 V / 35500 Ah 75 Ah Electrical 1 / 1 20 km/h Hydraulic spring release SAHR Hydraulic Gear pump |
| Electric circuit Battery voltage / capacity 12V Battery capacity Transmission Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Hydraulics Hydraulic flow / Pressure | | 100 V / 35500 Ah 75 Ah Electrical 1 / 1 20 km/h Hydraulic spring release SAHR Hydraulic |
| Electic circuit Battery voltage / capacity 12V Battery capacity Transmission Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Hydraulics Hydraulic flow / Pressure Tank capacities | | 100 V / 35500 Ah 75 Ah Electrical 1 / 1 20 km/h Hydraulic spring release SAHR Hydraulic Gear pump 94 l/min-235 bar |
| Electic circuit Battery voltage / capacity 12V Battery capacity Transmission Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Hydraulics Hydraulic flow / Pressure Tank capacities Hydraulic oil | | 100 V / 35500 Ah 75 Ah Electrical 1 / 1 20 km/h Hydraulic spring release SAHR Hydraulic Gear pump |
| Electric circuit Battery voltage / capacity 12V Battery capacity Transmission Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Hydraulics Hydraulic flow / Pressure Tank capacities Hydraulic oil Noise and vibration | | 100 V / 35500 Ah 75 Ah Electrical 1 / 1 20 km/h Hydraulic spring release SAHR Hydraulic Gear pump 94 I/min-235 bar 80 I |
| Electic circuit Battery voltage / capacity 12V Battery capacity Transmission Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Hydraulics Hydraulic flow / Pressure Tank capacities Hydraulic oil Noise and vibration Noise at driving position (LpA) | | 100 V / 35500 Ah 75 Ah Electrical 1 / 1 20 km/h Hydraulic spring release SAHR Hydraulic Gear pump 94 I/min-235 bar 80 I 72 dB |
| Electric circuit Battery voltage / capacity 12V Battery capacity Transmission Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Hydraulics Hydraulic flow / Pressure Tank capacities Hydraulic oil Noise and vibration Noise t driving position (LpA) Noise to environment (LwA) | | 100 V / 35500 Ah 75 Ah Electrical 1 / 1 20 km/h Hydraulic spring release SAHR Hydraulic Gear pump 94 l/min-235 bar 80 l 72 dB 92 dB |
| Electric circuit Battery voltage / capacity 12V Battery capacity Transmission Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Hydraulics Hydraulic flow / Pressure Tank capacities Hydraulic oil Noise and vibration Noise to environment (LwA) Vibration on hands/arms | | 100 V / 35500 Ah 75 Ah Electrical 1 / 1 20 km/h Hydraulic spring release SAHR Hydraulic Gear pump 94 I/min-235 bar 80 I 72 dB |
| Electic circuit Battery voltage / capacity 12V Battery capacity Transmission Transmission type Number of gears (forward / reverse) Max. travel speed Parking brake Service brake Hydraulics Hydraulic flow / Pressure Tank capacities Hydraulic oil Noise and vibration Noise to environment (LwA) | | 100 V / 35500 Ah 75 Ah Electrical 1 / 1 20 km/h Hydraulic spring release SAHR Hydraulic Gear pump 94 l/min-235 bar 80 l 72 dB 92 dB |

MT 625 e - Dimensional drawing



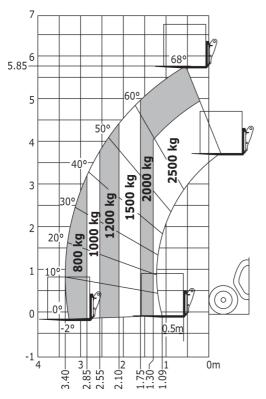




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MT 625 e - Load chart

Machine on tires with forks Metric



Equipment

| Standard |
|---|
| 12Volt Power Port |
| Adjustable and telescopic steering column |
| Attachment hydraulic line |
| Audio warning on reverse |
| Battery cut-off |
| Heating |
| LED front work lights on cab (x2) |
| LED rear work lights on cab (x2) |
| Onboard charger - 3kW AC_MT |
| Rear wiper |
| Roof wiper |
| Suspension Seat - Mechanical |
| Windscreen sun visor |
| led front road lights |

Optional

| 12V electric supply on the top of the boom (on fixed part) |
|--|
| Air suspension fabric seat - GRAMMER |
| Document holder |
| Flat Led Rotating Beacon |
| Manual air conditioning |
| On-board quick charger 9kW |
| Phone support |
| Rear window with de-icing |
| Speed limiter |
| Tuner car radio (50 W) |



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