

Technical sheet :

# **MTA 1242 MAX E74**

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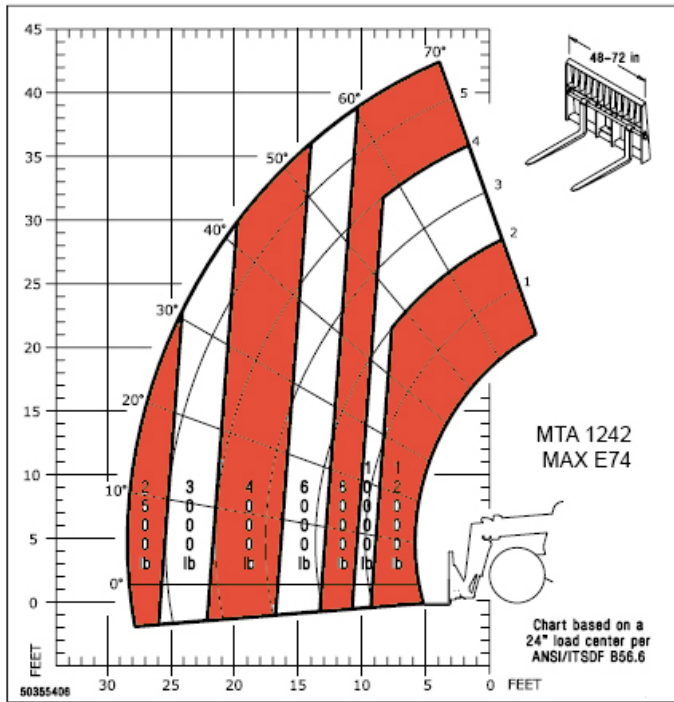


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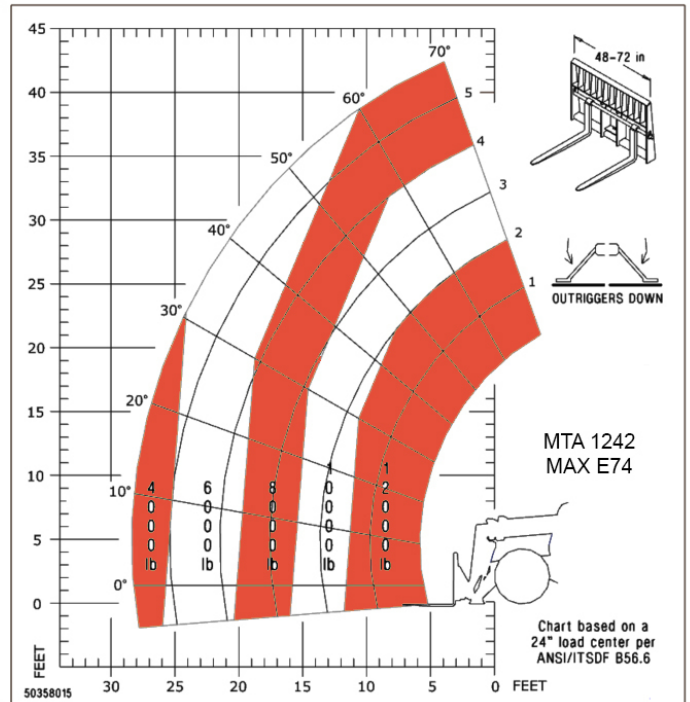
| Capacities                                  |           | Imperial                      |
|---|-----------|-------------------------------|
| Max. capacity                               |           | 12000 lb                      |
| Max. lifting height                         |           | 42 ft 6 in                    |
| Max. outreach                               |           | 28 ft 6 in                    |
| Weight and dimensions                       |           |                               |
| Overall length to carriage                  | l11       | 20 ft 8 in                    |
| Overall length (with forks)                 | l1        | 24 ft 8 in                    |
| Overall width                               | b1        | 8 ft 4 in                     |
| Overall height                              | h17       | 8 ft 1 in                     |
| Wheelbase                                   | y         | 11 ft 6 in                    |
| Ground clearance                            | m4        | 1 ft 7 in                     |
| Overall cab width                           | b4        | 3 ft 1 in                     |
| Tilt-up angle                               | a4        | 34 °                          |
| Tilt-down angle                             | a5        | 96 °                          |
| External turning radius                     | Wa3       | 12 ft 9 in                    |
| Overall weight                              |           | 28300 lb                      |
| Tires type                                  |           | Pneumatic                     |
| Forks length / width / section              | l / e / s | 48 in x 6 in x 2 in           |
| Frame leveling longitudinal +/-             |           | 10 °                          |
| Performances                                |           |                               |
| Lifting                                     |           | 16 s                          |
| Lowering                                    |           | 11 s                          |
| Extension                                   |           | 17 s                          |
| Retraction                                  |           | 12 s                          |
| Crowd                                       |           | 4 s                           |
| Dump  |           | 6 s                           |
| Engine                                      |           |                               |
| Engine brand                                |           | Deutz                         |
| Engine norm                                 |           | Tier 4 final                  |
| Engine model                                |           | TCD 3.6 L4                    |
| Number of cylinders / Capacity of cylinders |           | 4 - 220 in <sup>3</sup>       |
| I.C. Engine power rating - Power            |           | 74 Hp / 95 kW                 |
| Max. torque / Engine rotation               |           | 288 ft/lbs @ 2300 rpm         |
| Transmission                                |           |                               |
| Transmission type                           |           | Powershift                    |
| Number of gears (forward / reverse)         |           | 5 / 3                         |
| Max. travel speed                           |           | 22 mph                        |
| Parking brake                               |           | Hydraulic spring release SAHR |
| Service brake                               |           | Wet disc brakes               |
| Hydraulics                                  |           |                               |
| Hydraulic pump type                         |           | Axial piston                  |
| Hydraulic flow / Pressure                   |           | 40 US gpm-4000 PSI            |
| Tank capacities                             |           |                               |
| Engine oil                                  |           | 2 US gal                      |
| Hydraulic oil                               |           | 38 US gal                     |
| Fuel tank                                   |           | 38 US gal                     |
| Noise and vibration                         |           |                               |
| Noise at driving position (LpA)             |           | 80 dB                         |
| Miscellaneous                               |           |                               |
| Steering wheels (front / rear)              |           | 2 / 2                         |
| Drive wheels (front / rear)                 |           | 2 / 2                         |

MTA 1242 MAX E74 - Load chart

Machine on tires with forks Imperial



Machine on lowered stabilisers with forks Imperial





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