

Technical sheet :

# **MLT 625-75 H**

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HANDLING YOUR WORLD

| Capacities  |     | Metric  | Imperial  |
|---|-----|---|---|
| Max. capacity   | Q   | 2500 kg   | 5512 lb   |
| Max. lifting height   | h3  | 5.90 m  | 19 ft 4 in                                      |
| Max. outreach   |     | 3.30 m  | 10 ft 10 in                                     |
| Reach at max. height  |     | 0.50 m  | 1 ft 8 in                                       |
| Breakout force with bucket  |     | 4205 daN  | 4205 daN  |
| Weight and dimensions   |     |   |   |
| Unladen weight (with forks)                                       |     | 4922 kg   | 10851 lb  |
| Ground clearance  | m4  | 0.38 m  | 1 ft 3 in                                       |
| Wheelbase   | y   | 2.30 m  | 7 ft 7 in                                       |
| Overall length to carriage (with hitch)                           | l11 | 3.90 m  | 12 ft 10 in                                     |
| Overall length to carriage (without hitch)                        | l3  | 3.90 m  | 12 ft 10 in                                     |
| Front overhang  |     | 0.99 m  | 3 ft 3 in                                       |
| Overall width   | b1  | 1.81 m  | 5 ft 11 in                                      |
| Overall cab width   | b4  | 0.80 m  | 2 ft 7 in                                       |
| Overall height  | h17 | 2 m   | 6 ft 7 in                                       |
| Tilt-down angle   | a5  | 117 °   | 117 °   |
| Tilt-up angle   | a4  | 12 °  | 12 °  |
| External turning radius (over tyres)                              | Wa1 | 3.31 m  | 10 ft 10 in                                     |
| Standard tires  |     | Alliance - A580 - 300/75 R18 142A8              | Alliance - A580 - 300/75 R18 142A8              |
| Drive wheels (front / rear)                                       |     | 2 / 2   | 2 / 2   |
| Steering wheels (front / rear)                                    |     | 2 / 2   | 2 / 2   |
| Performances  |     |   |   |
| Lifting   |     | 7.30 s  | 7.30 s  |
| Lowering  |     | 4.95 s  | 4.95 s  |
| Extension   |     | 5.20 s  | 5.20 s  |
| Retraction  |     | 3.70 s  | 3.70 s  |
| Crowd   |     | 3.20 s  | 3.20 s  |
| Dump  |     | 3.20 s  | 3.20 s  |
| Engine  |     |   |   |
| Engine brand  |     | Kubota  | Kubota  |
| Engine norm   |     | Stage V   | Stage V   |
| Engine model  |     | V3307-CR-TE5B                                   | V3307-CR-TE5B                                   |
| Number of cylinders - Capacity of cylinders                       |     | 4 - 3331 cm³                                    | 4 - 203 in³                                     |
| I.C. Engine power rating / Power                                  |     | 75 Hp / 55.40 kW                                | 75 Hp / 55.40 kW                                |
| Max. torque / Engine rotation                                     |     | 265 Nm @1400 rpm                                | 195 ft/lbs @1400 rpm                            |
| Drawbar pull (Laden)  |     | 3240 daN  | 3240 daN  |
| Reversible fan  |     | Standard  | Standard  |
| Engine cooling system   |     | 2 radiators water + hydraulic oil               | 2 radiators water + hydraulic oil               |
| Transmission  |     |   |   |
| Transmission type   |     | Hydrostatic                                     | Hydrostatic                                     |
| Number of gears (forward / reverse)                               |     | 2 / 2   | 2 / 2   |
| Max. travel speed (may vary according to applicable regulations)  |     | 25 km/h   | 16 mph  |
| Differential lock   |     | Limited slip differential on front axle         | Limited slip differential on front axle         |
| Parking brake   |     | Automatic negative parking brake                | Automatic negative parking brake                |
| Service brake   |     | Oil-Immersed multi-discs braking on front axles | Oil-Immersed multi-discs braking on front axles |
| Hydraulics  |     |   |   |
| Hydraulic pump type   |     | Gear pump                                       | Gear pump                                       |
| Hydraulic flow - Pressure   |     | 86 l/min - 235 bar                              | 23 US gpm - 3408 PSI                            |
| Tank capacities   |     |   |   |
| Hydraulic oil   |     | 115 l   | 30 US gal                                       |
| Fuel tank   |     | 63 l  | 17 US gal                                       |
| Noise and vibration   |     |   |   |
| Noise at driving position (LpA) tested following NF EN 12053 norm |     | 76 dB   | 76 dB   |
| Noise to environment (LwA)  |     | 104 dB  | 104 dB  |
| Vibration to whole hand/arm                                       |     | < 2.50 m/s²                                     | < 2.50 m/s²                                     |
| Miscellaneous   |     |   |   |
| Safety cab homologation   |     | ROPS - FOPS level 1 cab                         | ROPS - FOPS level 1 cab                         |
| Controls  |     | JSM   | JSM   |

## Optional tires tab

| Optional tires                       | Overall height     | Overall width       |
|--------------------------------------|--------------------|---------------------|
| ALLIANCE - A328 - 400/55 R17.5 149A8 | 6 ft 7 in (2.01 m) | 6 ft 4 in (1.92 m)  |
| BKT - AS504 - 15/55-17 122A8         | 6 ft 6 in (1.99 m) | 6 ft 4 in (1.93 m)  |
| MICHELIN - XMCL - 280/80 R18 132A8   | 6 ft 7 in (2.01 m) | 6 ft (1.82 m)       |
| MICHELIN - XMCL - 280/80 R20 133A8   | 6 ft 8 in (2.03 m) | 5 ft 10 in (1.79 m) |

MLT 625-75 H - Dimensional drawing





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