

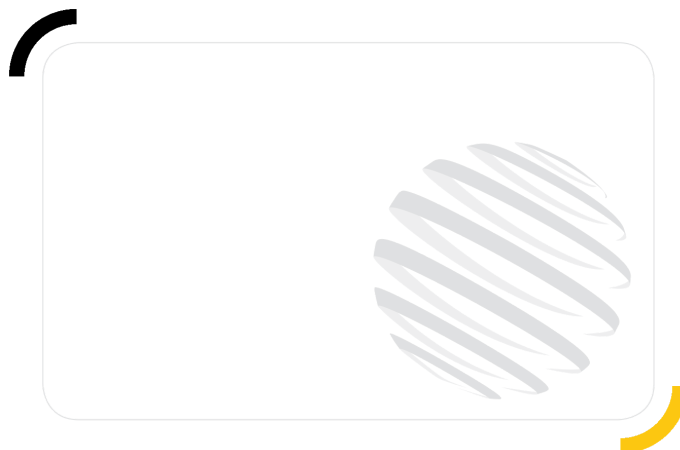
# AL440

# AL/ALT



# GEHL®

| Capacities   |     | Metric                                | Imperial                              |
|--|-----|---------------------------------------|---------------------------------------|
| Max. height of bucket pivot point                                    | h35 | 3.01 m                                | 9 ft 11 in                            |
| Max. lifting height (below forks)                                    | h3  | 2.77 m                                | 9 ft 1 in                             |
| Reach at max. height   |     | 3.55 m                                | 11 ft 8 in                            |
| Breakout force with bucket   |     | 2412 daN                              | 2412 daN                              |
| Static tipping load with bucket - Full turn with 4-post canopy       |     | 1205 kg                               | 2657 lb                               |
| Static tipping load with pallet forks - Straight with 2-post canopy  |     | 1332 kg                               | 2937 lb                               |
| Static tipping load with pallet forks - Full turn with 2-post canopy |     | 874 kg                                | 1927 lb                               |
| Static tipping load with bucket - Full turn with 2-post canopy       |     | 1181 kg                               | 2604 lb                               |
| Static tipping load with pallet forks - Straight with 4-post canopy  |     | 1480 kg                               | 3263 lb                               |
| Static tipping load with pallet forks - Full turn with 4-post canopy |     | 971 kg                                | 2141 lb                               |
| Static tipping load with bucket - Straight with 4-post canopy        |     | 1839 kg                               | 4054 lb                               |
| Weight and dimensions  |     |                                       |                                       |
| Unladen weight (with forks) with 2-post canopy                       |     | 2740 kg                               | 6041 lb                               |
| Unladen weight (with forks) with 4-post canopy                       |     | 2790 kg                               | 6151 lb                               |
| Overall length to carriage (with hitch)                              | l11 | 3.55 m                                | 11 ft 8 in                            |
| Wheelbase  | y   | 1.62 m                                | 5 ft 4 in                             |
| Overall width of 2 posts canopy                                      | b21 | 0.99 m                                | 3 ft 3 in                             |
| Overall width of 4 posts canopy                                      | b22 | 1.03 m                                | 3 ft 5 in                             |
| Overall height with FOPS removed and ROPS folded                     | h36 | 1.84 m                                | 6 ft                                  |
| Overall height with 2 posts canopy                                   | h37 | 2.50 m                                | 8 ft 3 in                             |
| Overall height with 4 posts canopy                                   | h38 | 2.31 m                                | 7 ft 7 in                             |
| Tilt-up angle  | a4  | 45 °                                  | 45 °                                  |
| Tilt-down angle  | a5  | 53 °                                  | 53 °                                  |
| External turning radius (over tyres)                                 | Wa1 | 2.64 m                                | 8 ft 8 in                             |
| Articulation angle   | a19 | 45 °                                  | 45 °                                  |
| Overall width less bucket  | b1  | 1.47 m                                | 4 ft 10 in                            |
| Overall length - Less Bucket   | l2  | 3.55 m                                | 11 ft 8 in                            |
| Ground clearance   | m4  | 0.25 m                                | 10 in                                 |
| Engine   |     |                                       |                                       |
| Engine brand   |     | Yanmar                                | Yanmar                                |
| Engine model   |     | 4TNV88                                | 4TNV88                                |
| Engine norm  |     | Stage IIIA                            | Stage IIIA                            |
| Number of cylinders / Capacity of cylinders                          |     | 4 - 2200 cm <sup>3</sup>              | 4 - 134 in <sup>3</sup>               |
| I.C. Engine power rating / Power                                     |     | 47 Hp / 35 kW                         | 47 Hp / 35 kW                         |
| Max. torque / Engine rotation  |     | 1680 Nm / 2800 rpm                    | 1239 ft/lbs / 2800 rpm                |
| 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)     |     | 20 km/h                               | 12 mph                                |
| Travel speed (laden)   |     | 20 km/h                               | 12 mph                                |
| Differential lock  |     | Front and rear locking of the machine | Front and rear locking of the machine |
| Parking brake  |     | Manual                                | Manual                                |
| Hydraulics   |     |                                       |                                       |
| Hydraulic pump type  |     | Gear pump                             | Gear pump                             |
| Hydraulic flow - Pressure  |     | 57 l/min / 207 bar                    | 15 US gpm / 3002 PSI                  |
| Drive hydraulic system pressure                                      |     | 410 bar                               | 5947 PSI                              |
| Tank capacities  |     |                                       |                                       |
| Hydraulic oil  |     | 42 l                                  | 11 US gal                             |
| Fuel tank  |     | 68 l                                  | 18 US gal                             |
| Noise and vibration  |     |                                       |                                       |
| Vibration to whole hand/arm  |     | < 2.50 m/s <sup>2</sup>               | < 2.50 m/s <sup>2</sup>               |
| Miscellaneous  |     |                                       |                                       |
| Safety cab homologation  |     | ROPS - FOPS level 1 cab               | ROPS - FOPS level 1 cab               |



# GEHL®

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