

Technical sheet :

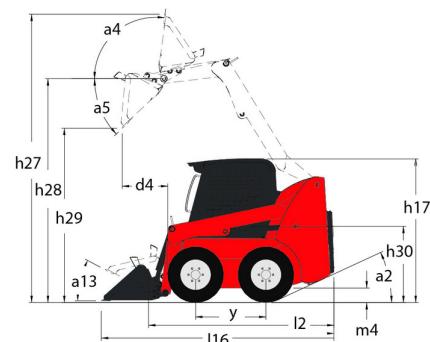
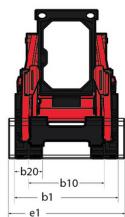
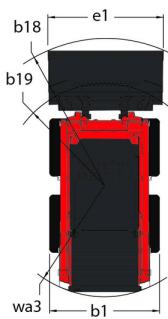
# 1650R



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| Capacities   |     | Metric                |
|--|-----|-----------------------|
| Rated Operating Capacity                             |     | 748 kg                |
| Rated Operating Capacity with Optional Counterweight |     | 816.50 kg             |
| Unladen weight                                       |     | 2796 kg               |
| Weight and dimensions                                |     |                       |
| Wheelbase  | y   | 988 mm                |
| Overall Operating Height - Fully Raised              | h27 | 3876 mm               |
| Height to Hinge Pin - Fully Raised                   | h28 | 3022.60 mm            |
| Overall Height to top of ROPS                        | h17 | 1948 mm               |
| Dump angle at full height                            | a5  | 38 °                  |
| Dump height  | h29 | 2380 mm               |
| Overall length with bucket                           | l16 | 3101 mm               |
| Dump reach - Full height                             | r6  | 579 mm                |
| Rollback at ground                                   | a13 | 28 °                  |
| Seat to ground height                                | h30 | 904 mm                |
| Overall width less bucket                            | b1  | 1580 mm               |
| Bucket Width   | e1  | 1562 mm               |
| Ground clearance                                     | m4  | 160 mm                |
| Overall length - Less Bucket                         | l2  | 2385 mm               |
| Departure angle                                      | a2  | 21 °                  |
| Clearance Radius - Front with Bucket                 | b18 | 1869 mm               |
| Performances   |     |                       |
| Travel speed (unladen)                               |     | 12.60 km/h            |
| Travel Speed with Two-Speed Option - Maximum         |     | 19.50 km/h            |
| Wheels   |     |                       |
| Standard tires                                       |     | 10.00 x 16.5 HD       |
| Engine   |     |                       |
| Engine brand   |     | Yanmar                |
| Engine model   |     | 4TNV88C-KMS           |
| Engine norm  |     | Stage V               |
| Max. torque / Engine rotation                        |     | 241 Nm / 2500 rpm     |
| Power source   |     | Diesel                |
| Engine power (Hp / kW)                               |     | 69.73 Hp / 51 kW      |
| Battery voltage                                      |     | 12 V                  |
| Alternator   |     | 100 kW                |
| Starter  |     | 3 kW                  |
| Hydraulics   |     |                       |
| Standard flow - Auxiliary hydraulics                 |     | 71.40 l/min           |
| Auxiliary Hydraulic Pressure                         |     | 207 bar               |
| High-Flow Auxiliary Hydraulics - Option              |     | 114 l/min             |
| High-Flow Auxiliary Hydraulics Pressure - Option     |     | 179 bar               |
| Tank capacities                                      |     |                       |
| Fuel   |     | 62.50 l               |
| Hydraulic tank capacity                              |     | 41.60 l               |
| Displacement   |     | 3.30 l                |
| Noise and vibration                                  |     |                       |
| Noise to environment (LwA)                           |     | 101 dB                |
| Noise at driving position (LpA)                      |     | 85 dB                 |
| Whole-Body Vibration (ISO 2631-1)                    |     | 0.90 m/s <sup>2</sup> |
| Vibration on hands/arms                              |     | 1.77 m/s <sup>2</sup> |

## 1650R - Dimensional drawing



# Equipment

|  |          |
|--|----------|
| —  |          |
| Integral Access Plate (removable)                | Standard |
| <b>Lifting function</b>                          |          |
| All-Tach® Attachment Mounting System             | Standard |
| Auxiliary Hydraulics                             | Standard |
| High-Flow Auxiliary Hydraulics                   | Optional |
| Power-A-Tach® Attachment Mounting System         | Optional |
| <b>Lighting</b>                                  |          |
| Work Lights - Front and Rear                     | Standard |
| <b>Motorization/Power</b>                        |          |
| Engine Auto-Shutdown System                      | Standard |
| Engine Block Heater                              | Optional |
| Swing-Out Cooler                                 | Standard |
| Two-Speed Drive                                  | Optional |
| <b>Operator station</b>                          |          |
| Air conditioning with manual adjustment          | Optional |
| Air suspension seat                              | Optional |
| Cab Enclosure                                    | Optional |
| Foot and Hand Throttles 2                        | Standard |
| Gehl T-Bar Controls                              | Optional |
| Hand/Foot Controls                               | Optional |
| <b>Heating</b>                                   |          |
| High-Back Adjustable Seat                        | Standard |
| Horn   | Standard |
| Joystick controls                                | Optional |
| ROPS/FOPS Level II Overhead Guard                | Standard |
| Sound Reduction Material                         | Standard |
| Suspension Seat - Mechanical                     | Optional |
| <b>Other options</b>                             |          |
| Hydrostatic Drive - Servo                        | Standard |
| Selectable Self-Leveling Hydraulic Lift Action 4 | Optional |
| <b>Secondary functions</b>                       |          |
| Counterweight                                    | Optional |
| Full Instrumentation                             | Standard |
| Hydraglide™ Ride Control 3                       | Optional |
| <b>Security</b>                                  |          |
| Anti-Vandalism Protection                        | Standard |
| Back-Up Alarm                                    | Optional |
| Brake Control (Auto / Manual)                    | Standard |
| Hydraloc™ Safety System                          | Standard |
| Lift Arm Support Device                          | Standard |
| Operator Restraint Bar                           | Standard |



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