Technical sheet:

## 1650R



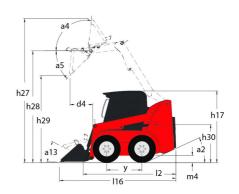


|  | 1650R Created | on November 21, 2024 at 3:19 PM UTC |
|--|---------------|-------------------------------------|
| Capacities   |               | Metric                              |
| Rated Operating Capacity                             |               | 748 kg                              |
| Rated Operating Capacity with Optional Counterweight |               | 816.50 kg                           |
| Unladen weight                                       |               | 2796 kg                             |
| Weight and dimensions                                |               |                                     |
| Wheelbase  | у             | 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            | 1544 mm                             |
| Bucket Width   | e1            | 1562 mm                             |
| Ground clearance                                     | m4            | 160 mm                              |
| Overall length - Less Bucket                         | 12            | 2385 mm                             |
| Departure angle                                      | a2            | 21 °                                |
| Clearance Radius - Front with Bucket                 | b18           | 1869 mm                             |
| Performances   | DIO           | 1809 111111                         |
| Travel speed (unladen)                               |               | 12.60 km/h                          |
| Travel Speed with Two-Speed Option - Maximum         |               | 19.50 km/h                          |
| Wheels   |               | 19:50 KIII/II                       |
| Standard tires                                       |               | 10.00 x 16.5 HD                     |
| Engine Engine  |               | 10.00 X 16.5 HD                     |
|  |               | Yanmar                              |
| Engine brand Engine model                            |               | 4TNV88C-KMS                         |
| Gross Power  |               |                                     |
|  |               | 52 kW                               |
| Net Power  |               | 51 kW                               |
| Max. torque / Engine rotation                        |               | 241 Nm / 2500 rpm                   |
| Power source   |               | Diesel                              |
| I.C. Engine power rating                             |               | 69.73 Hp                            |
| 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     |               | 200 bar                             |
| Tank capacities                                      |               |                                     |
| Fuel tank  |               | 62.50 I                             |
| 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 |
|--|----------|
| Lifting function                                 |          |
| All-Tach® Attachment Mounting System             | Standard |
| Auxiliary Hydraulics                             | Standard |
| High-Flow Auxiliary Hydraulics                   | Optional |
| Power-A-Tach® Attachment Mounting System         | Optional |
| Lighting   |          |
| Work Lights - Front and Rear                     | Standard |
| Motorization/Power                               |          |
| Engine Auto-Shutdown System                      | Standard |
| Engine Block Heater                              | Optional |
| Swing-Out Cooler                                 | Standard |
| Two-Speed Drive                                  | Optional |
| Operator station                                 |          |
| 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 |
| Heating  | Optional |
| High-Back Adjustable Seat                        | Standard |
| Hom  | Standard |
| Joystick controls                                | Optional |
| ROPS/FOPS Level II Overhead Guard                | Standard |
| Sound Reduction Material                         | Standard |
| Suspension Seat - Mechanical                     | Optional |
| Other options                                    |          |
| Hydrostatic Drive - Servo                        | Standard |
| Selectable Self-Leveling Hydraulic Lift Action 4 | Optional |
| Secondary functions                              |          |
| Counterweight                                    | Optional |
| Full Instrumentation                             | Standard |
| Hydraglide™ Ride Control 3                       | Optional |
| Security   |          |
| 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 |





## **Head Office**

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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