

Technical sheet :

# 1900R

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| Capacities   |     | Metric                  |
|--|-----|-------------------------|
| Rated Operating Capacity                             |     | 862 kg                  |
| Rated Operating Capacity with Optional Counterweight |     | 957 kg                  |
| Unladen weight                                       |     | 3121 kg                 |
| Weight and dimensions                                |     |                         |
| Overall Operating Height - Fully Raised              | h27 | 4013 mm                 |
| Height to Hinge Pin – Fully Raised                   | h28 | 3061 mm                 |
| Overall Height to top of ROPS                        | h17 | 2032 mm                 |
| Dump angle at full height                            | a5  | 42 °                    |
| Dump height  | h29 | 2311 mm                 |
| Overall length with bucket                           | l16 | 3226 mm                 |
| Dump reach - Full height                             | r6  | 572 mm                  |
| Rollback at ground                                   | a13 | 26 °                    |
| Seat to ground height                                | h30 | 991 mm                  |
| Wheelbase  | y   | 1067 mm                 |
| Overall width less bucket                            | b1  | 1638 mm                 |
| Bucket Width   | e1  | 1676 mm                 |
| Ground clearance                                     | m4  | 165 mm                  |
| Overall length - Less Bucket                         | l2  | 2388 mm                 |
| Departure angle                                      | a2  | 25 °                    |
| Clearance Radius - Front with Bucket                 | b18 | 2007 mm                 |
| Clearance Circle - Front without Bucket              | b19 | 1130 mm                 |
| Clearance Circle - Rear                              | wa1 | 1486 mm                 |
| Performances   |     |                         |
| Travel Speed with Two-Speed Option - Maximum         |     | 20.10 km/h              |
| Travel speed (unladen)                               |     | 12.10 km/h              |
| Wheels   |     |                         |
| Standard tires                                       |     | 10.00x16.5 HD           |
| Engine   |     |                         |
| Engine brand   |     | Yanmar                  |
| Engine model   |     | 4TNV98C-NMS             |
| Gross Power  |     | 51.70 kW                |
| Net Power  |     | 51 kW                   |
| Max. torque / Engine rotation                        |     | 241 Nm / 2500 rpm       |
| Power source   |     | Diesel                  |
| I.C. Engine power rating                             |     | 69.30 Hp                |
| Battery voltage                                      |     | 12 V                    |
| Alternator   |     | 95 kW                   |
| Starter  |     | 3 kW                    |
| Hydraulics   |     |                         |
| Standard flow - Auxiliary hydraulics                 |     | 70.10 l/min             |
| Auxiliary Hydraulic Pressure                         |     | 207 bar                 |
| High-Flow Auxiliary Hydraulics – Option              |     | 119 l/min               |
| High-Flow Auxiliary Hydraulics Pressure – Option     |     | 200 bar                 |
| Tank capacities                                      |     |                         |
| Fuel tank  |     | 62.50 l                 |
| Hydraulic oil tank capacity                          |     | 30.30 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)                    |     | 0.80 m/s <sup>2</sup>   |
| Vibration on hands/arms                              |     | < 1.30 m/s <sup>2</sup> |

## 1900R - 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 |
| Two-Speed Drive                                  | Optional |
| <b>Operator station</b>                          |          |
| Adjustable Arm Rests / Control Towers 1          | Standard |
| Air conditioning with manual adjustment          | Optional |
| Air suspension seat                              | Optional |
| Cab Enclosure                                    | Optional |
| Dual-Hand Controls                               | Optional |
| Foot and Hand Throttles 2                        | Standard |
| Gehl T-Bar Controls                              | Optional |
| Hand/Foot Controls                               | Optional |
| Heating  | Optional |
| 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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