

Technical sheet :

# 1800R

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| Capacities                                       |     | Metric               |
|--|-----|----------------------|
| Rated Operating Capacity                         |     | 817 kg               |
| Unladen weight                                   |     | 2892 kg              |
| Tipping capacity                                 |     | 1633 kg              |
| Weight and dimensions                            |     |                      |
| Wheelbase  | y   | 988 mm               |
| Overall Operating Height - Fully Raised          | h27 | 3876 mm              |
| Height to Hinge Pin - Fully Raised               | h28 | 3023 mm              |
| Overall Height to top of ROPS                    | h17 | 1948 mm              |
| Dump angle at full height                        | a5  | 38 °                 |
| Dump height                                      | h29 | 2379 mm              |
| Overall length with bucket                       | l16 | 3139 mm              |
| Dump reach - Full height                         | r6  | 579 mm               |
| Rollback at ground                               | a13 | 28 °                 |
| Rollback Angle at Full Height                    | a4  | 99 °                 |
| Seat to ground height                            | h30 | 930 mm               |
| Overall width less bucket                        | b1  | 1582 mm              |
| Bucket Width                                     | e1  | 1562 mm              |
| Ground clearance                                 | m4  | 160 mm               |
| Overall length - Less Bucket                     | l2  | 2425 mm              |
| Departure angle                                  | a2  | 19 °                 |
| Clearance Radius - Front with Bucket             | b18 | 1869 mm              |
| Rear departure angle                             |     | 19 °                 |
| Performances                                     |     |                      |
| Travel speed (unladen)                           |     | 12.60 km/h           |
| Wheels   |     |                      |
| Standard tires                                   |     | 10 x 16.5 - 10 PR HD |
| Engine   |     |                      |
| Engine brand                                     |     | Yanmar               |
| Engine model                                     |     | 4TNV98-ZNMS3R1       |
| Engine norm                                      |     | Stage III / Tier 3   |
| Max. torque / Engine rotation                    |     | 241 Nm / 2500 rpm    |
| Power source                                     |     | Diesel               |
| Number of cylinders                              |     | 4                    |
| Engine power (Hp / kW)                           |     | 70.65 Hp / 51.20 kW  |
| Battery voltage                                  |     | 12 V                 |
| Accessory plug                                   |     | 12 V                 |
| Alternator - Ampere                              |     | 100 A                |
| Starter  |     | 3 kW                 |
| Hydraulics                                       |     |                      |
| Standard flow - Auxiliary hydraulics             |     | 71.40 l/min          |
| Auxiliary Hydraulic Pressure                     |     | 207 bar              |
| High-Flow Auxiliary Hydraulics - Option          |     | 94.60 l/min          |
| High-Flow Auxiliary Hydraulics Pressure - Option |     | 207 bar              |
| Tank capacities                                  |     |                      |
| Fuel tank capacity                               |     | 62.50 l              |
| Hydraulic tank capacity                          |     | 41.60 l              |
| Displacement                                     |     | 3319 mm <sup>3</sup> |
| LH Chain case                                    |     | 8.50 l               |
| RH Chain case                                    |     | 8.50 l               |

### 1800R - Dimensional drawing





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