

Technical sheet :

# 1800R (ST5)

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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                                  |     |                      |
| Transmission type                       |     | Hydrostatic          |
| Standard tires                          |     | 10 x 16.5 - 10 PR HD |
| Engine                                  |     |                      |
| Engine brand                            |     | Yanmar               |
| Engine model                            |     | 4TNV98C-NMS2V        |
| Engine nom                              |     | Stage V              |
| Max. torque / Engine rotation           |     | 241 Nm / 2500 rpm    |
| Power source                            |     | Diesel               |
| Number of cylinders                     |     | 4                    |
| Engine power (Hp / kW)                  |     | 69.33 Hp / 51.70 kW  |
| Battery voltage                         |     | 12 V                 |
| Alternator - Ampere                     |     | 100 A                |
| Starter                                 |     | 3 kW                 |
| Hydraulics                              |     |                      |
| Standard flow - Auxiliary hydraulics    |     | 71.40 l/min          |
| Auxiliary Hydraulic Pressure            |     | 207 bar              |
| Tank capacities                         |     |                      |
| Fuel                                    |     | 62.50 l              |
| Hydraulic tank capacity                 |     | 41.60 l              |
| Displacement                            |     | 3.31 l               |
| LH Chain case                           |     | 8.50 l               |
| RH Chain case                           |     | 8.50 l               |

## 1800R (ST5) - Dimensional drawing





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