

Technical sheet :

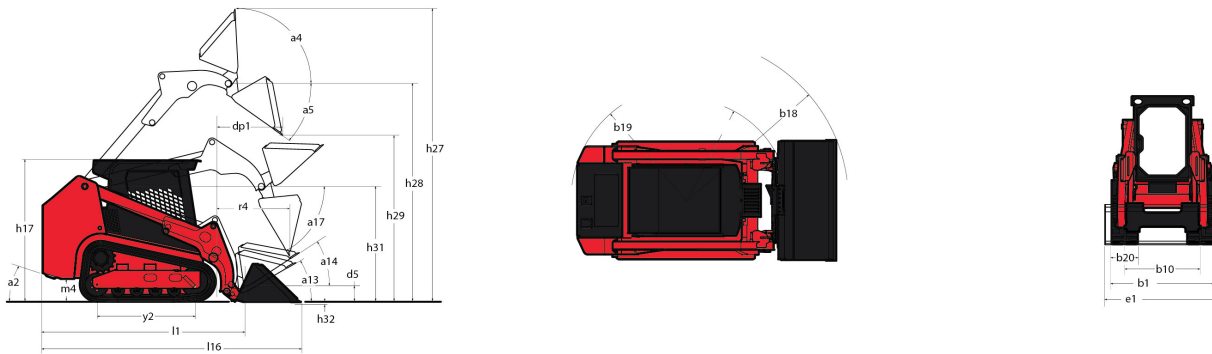
# **2100 RT NXT:3**

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| Capacities                                |     | Metric                                         |
|-------------------------------------------|-----|------------------------------------------------|
| Max. capacity                             | Q   | 2722 kg                                        |
| Operating Weight                          |     | 4445 kg                                        |
| Operating Capacity at 35% Tipping Load    |     | 953 kg                                         |
| Operating Capacity At 50% Tipping Load    |     | 1361 kg                                        |
| Tipping capacity                          |     | 2722 kg                                        |
| Weight and dimensions                     |     |                                                |
| Overall Operating Height - Fully Raised   | h27 | 4267 mm                                        |
| Height to Hinge Pin - Fully Raised        | h28 | 3251 mm                                        |
| Reach - Fully Raised                      | dp1 | 876 mm                                         |
| Dump angle at full height                 | a5  | 39 °                                           |
| Dump Height - Fully Raised                | h29 | 2489 mm                                        |
| Maximum Rollback Angle - Fully Raised     | a4  | 102.5 °                                        |
| Overall Height to Top of ROPS             | h17 | 2111 mm                                        |
| Overall length with bucket                | l16 | 3762 mm                                        |
| Overall Length without Bucket             | l1  | 2959 mm                                        |
| Specified Height                          | h31 | 1720 mm                                        |
| Reach at Specified Height                 | r4  | 795 mm                                         |
| Dump angle at specified height            | a17 | 75 °                                           |
| Maximum Rollback Angle at Ground          | a13 | 30 °                                           |
| Carry Position                            | d5  | 208 mm                                         |
| Maximum Rollback Angle at Carry Position  | a14 | 31.6 °                                         |
| Digging Position                          | h32 | 16 mm                                          |
| Angle of Departure with STD Counterweight |     | 29.2 °                                         |
| Ground clearance                          | m4  | 335 mm                                         |
| Track gauge                               | b10 | 1313 mm                                        |
| Track Shoe Width                          | b20 | 450 mm                                         |
| Crawler base                              | y2  | 1483 mm                                        |
| Overall width less bucket                 | b1  | 1765 mm                                        |
| Bucket Width                              | e1  | 1877 mm                                        |
| Clearance Radius - Front with Bucket      |     | 2403 mm                                        |
| Clearance Circle - Rear                   | wa1 | 1641 mm                                        |
| Maximum rollback at specified height      |     | 66.8 °                                         |
| Angle of Approach                         |     | 90 °                                           |
| Grouser Height                            |     | 25 mm                                          |
| Track Type / Track Rollers / Roller Type  |     | Rubber / 5 / Steel                             |
| Performances                              |     |                                                |
| Ground Speed - Single Speed               |     | 9.8 km/h                                       |
| Ground Speed - Two Speed                  |     | 14.3 km/h                                      |
| Drawbar Pull/Tractive Effort              |     | 5211 kg                                        |
| Bucket Breakout - Tilt Cylinder           |     | 3008 kg                                        |
| Bucket Breakout - Lift Cylinder           |     | 2940 kg                                        |
| Engine                                    |     |                                                |
| Engine brand                              |     | Yanmar                                         |
| Engine model                              |     | TNV98CT-NMSL                                   |
| Motor Type                                |     | Axial Piston with Planetary Gear Box Reduction |
| Gross Power (kW) / Gross Power            |     | 53.7 kW / 2500 rpm                             |
| Net Power (kW) / Net Power                |     | 52.7 kW / 2500 rpm                             |
| Max. torque                               |     | 294 Nm/m                                       |
| Battery                                   |     | 12 V                                           |
| Cold Cranking Amps at Temperature (CCA)   |     | 850 A                                          |
| Alternator - Voltage / Ampere             |     | 14 V / 95 A                                    |
| Hydraulics                                |     |                                                |
| Auxiliary hydraulics                      |     | 82.5 l/min                                     |
| Tank capacities                           |     |                                                |
| Oil Pan Capacity                          |     | 10.40 l                                        |
| Hydraulic tank capacity                   |     | 52.20 l                                        |
| Fuel tank                                 |     | 91 l                                           |
| Coolant Capacity                          |     | 14.40 l                                        |
| Displacement / Number of cylinders        |     | 3.30 l / 4                                     |
| Miscellaneous                             |     |                                                |
| Ground Pressure                           |     | 0 Bar                                          |

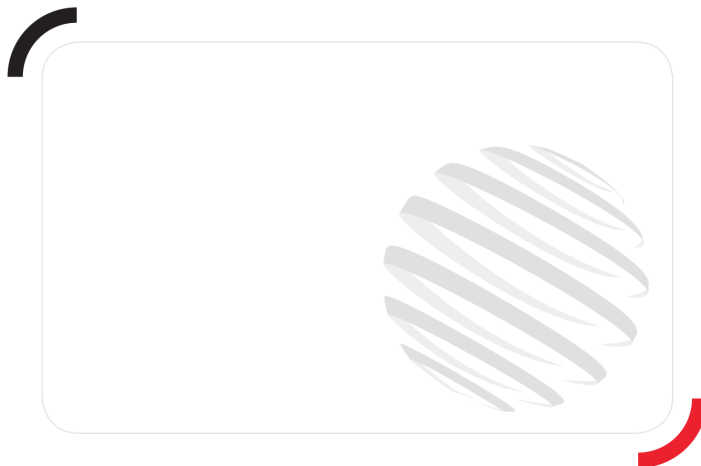
## Dimensional drawing



## Equipment

|                                                            |          |
|------------------------------------------------------------|----------|
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| Selectable Self-Leveling Hydraulic Lift Action 4           | Optional |
| <b>Lifting function</b>                                    |          |
| All-Tach® Attachment Mounting System                       | Standard |
| Auxiliary Hydraulics                                       | Standard |
| Electronic Attachment Control - 14-Pin Connector           | Optional |
| High-Flow Auxiliary Hydraulics                             | Optional |
| IdealTrax™ Automatic Track Tensioning System               | Standard |
| Power-A-Tach® Attachment Mounting System                   | Optional |
| <b>Motorization/Power</b>                                  |          |
| Combination Radiator & Hydraulic Oil Cooler                | Standard |
| Dual-Element Air Cleaner with Indicator                    | Standard |
| Elevated Planetary Final Drives                            | Standard |
| Engine Auto-Shutdown System                                | Standard |
| Glowplugs Starts Assist                                    | Standard |
| Horsepower Management System                               | Standard |
| Two-Speed Hydrostatic Drive System                         | Standard |
| <b>Operator station</b>                                    |          |
| Air suspension seat                                        | Optional |
| Drive Sensitivity Adjustment                               | Standard |
| Electro-Hydraulic Joystick Controls                        | Standard |
| Foot Throttle                                              | Standard |
| Full-Suspension Seat                                       | Standard |
| IdealAccess™ Fold-Up Door                                  | Optional |
| Multi-Function Function Display Screen                     | Standard |
| Pressurized Cab Enclosure with A/C                         | Optional |
| Rearview Camera                                            | Standard |
| ROPS/FOPS Level II Overhead Guard                          | Standard |
| Selectable Control Pattern Configuration (ISO / Dual-Hand) | Optional |
| Sliding Side Windows                                       | Standard |
| Swing-out Cab Door                                         | Standard |
| Variable Speed Control, Selectable On & Off                | Optional |
| <b>Pneumatics</b>                                          |          |
| Rubber Track Undercarriage System                          | Standard |
| Single Flange Front/Dual Flange Rear Idlers                | Standard |
| <b>Safety</b>                                              |          |
| Anti-Vandalism Lock Provisions                             | Standard |
| Back-Up Alarm                                              | Standard |
| Easy Manager                                               | Standard |

|                                        |          |
|----------------------------------------|----------|
| <b>Safety</b>                          |          |
| Engine Alert System with Error Display | Standard |
| Mechanical Lift Cylinder Lock          | Standard |
| Straight Tracking                      | Standard |
| Tilt-out Foot Pod                      | Standard |
| <b>Secondary functions</b>             |          |
| Counterweight                          | Standard |
| Dedicated Undercarriage                | Standard |



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