Technical sheet:

## **1650RT**



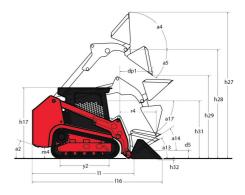


|  | <b>1650RT</b> Cre | ated on July 25, 2025 at 7:57 PM UTC |
|--|-------------------|--------------------------------------|
| Capacities   |                   | Metric                               |
| Operating Weight   |                   | 3638 kg                              |
| Unladen weight   |                   | 3638 kg                              |
| Operating Capacity at 35% Tipping Load                                 |                   | 748 kg                               |
| Operating Capacity At 50% Tipping Load                                 |                   | 1069 kg                              |
| Tipping capacity   |                   | 2139 kg                              |
| Weight and dimensions  |                   | . 3                                  |
| Overall Operating Height - Fully Raised                                | h27               | 4008 mm                              |
| Height to Hinge Pin - Fully Raised                                     | h28               | 3038 mm                              |
| Dump reach - Full height   | r6                | 641 mm                               |
| Dump angle at full height  | а5                | 39 °                                 |
| Dump Height - Fully Raised   | h29               | 2329 mm                              |
| Maximum Rollback Angle - Fully Raised                                  | a4                | 98 °                                 |
| Overall Height to top of ROPS  | h17               | 1969 mm                              |
| Overall length with bucket   | 116               | 3205 mm                              |
| Overall Length without Bucket  | l1                | 2393 mm                              |
| Specified Height   | h31               | 1638 mm                              |
| Reach at Specified Height  | r4                | 559 mm                               |
| Dump angle at specified height   | a17               | 73 °                                 |
| Carry Position   | d5                | 198 mm                               |
| Maximum Rollback Angle at Carry Position                               | a14               | 28 °                                 |
| Digging Position   | h32               | 53 mm                                |
|  | 1132              | 28 °                                 |
| Angle of Departure with STD Counterweight Ground clearance             | m4                | 185 mm                               |
|  | m4                | 1356 mm                              |
| Track gauge  | b10               |                                      |
| Track Shoe Width Crawler base  | b20               | 320 mm                               |
|  | y2                | 1265 mm<br>1676 mm                   |
| Overall width less bucket  | b1                |                                      |
| Bucket Width   | e1                | 1676 mm                              |
| Clearance Radius - Front with Bucket                                   | b18               | 1979 mm                              |
| Angle of Approach  | a3                | 90 °                                 |
| Grouser Height   |                   | 25 mm                                |
| Track Type / Track Rollers / Roller Type Performances                  |                   | Rubber / 3 / Steel                   |
| Ground Speed - Single Speed  |                   | 10.50 km/h                           |
| Ground Speed - Two Speed   |                   | 16.10 km/h                           |
| Drawbar Pull/Tractive Effort   |                   | 4345 kg                              |
| Bucket Breakout - Tilt Cylinder  |                   | 1919 kg                              |
| Bucket Breakout - Lift Cylinder  |                   | 2295 kg                              |
| Engine   |                   |                                      |
| Engine brand   |                   | Yanmar                               |
| Engine model   |                   | 4TNV98C-NMS2                         |
| Motor Type   |                   | Radial Piston                        |
| Gross Power / Power  |                   | 51.70 kW @ 2500 rpm                  |
| Net Power / Power  |                   | 51.70 kW @ 2500 ipm                  |
| Max. torque  |                   | 241 Nm                               |
| I.C. Engine power rating   |                   | 69.30 Hp                             |
| Battery voltage  |                   | 12 V                                 |
| , -  |                   |                                      |
| Cold Cranking Amps at Temperature (CCA)  Alternator - Voltage / Ampere |                   | 950 A<br>12 V / 100 A                |
| Hydraulics   |                   | 12 V / 100 A                         |
| Standard flow - Auxiliary hydraulics                                   |                   | 71 l/min                             |
| Tank capacities  |                   | 7 i 7 iiilii                         |
| Oil Pan Capacity   |                   | 9                                    |
| Hydraulic tank capacity  |                   | 39                                   |
|  |                   |                                      |
| Fuel tank  |                   | 62.50 l                              |
| Liquid cooling tank volume   |                   | 12.90                                |
| Displacement / Number of cylinders                                     |                   | 3.30   / 4                           |
| Miscellaneous  |                   | 0 A5 h                               |
| Ground Pressure  |                   | 0.45 bar                             |

## 1650RT - Dimensional drawing







## **Equipment**

| 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 |
| Motorization/Power                               |          |
| Combination Radiator & Hydraulic Oil Cooler      | Standard |
| Dual-Element Air Cleaner with Indicator          | Standard |
| Engine Auto-Shutdown System                      | Standard |
| Glowplugs Starts Assist                          | Standard |
| Servo-Controlled Hydrostatic Drive               | Standard |
| Two-Speed Hydrostatic Drive System               | Standard |
| Operator station                                 |          |
| Air suspension seat                              | Optional |
| Foot Throttle                                    | Standard |
| Full-Suspension Seat                             | Standard |
| Multi-Function Display Screen                    | Standard |
| Pressurized Cab Enclosure with A/C               | Optional |
| Rearview Camera                                  | Optional |
| ROPS/FOPS Level II Overhead Guard                | Standard |
| Sliding Side Windows                             | Standard |
| Swing-out Cab Door                               | Standard |
| Other options                                    |          |
| Selectable Self-Leveling Hydraulic Lift Action 4 | Optional |
| Pneumatics                                       |          |
| Rubber Track Undercarriage System                | Standard |
| Single Flange Front/Dual Flange Rear Idlers      | Standard |
| Secondary functions                              |          |
| Counterweight                                    | Standard |
| Dedicated Undercarriage                          | Standard |
| Security   |          |
| Anti-Vandalism Lock Provisions                   | Standard |
| Back-Up Alarm                                    | Optional |
| Easy Manager                                     | Standard |
| Engine Alert System with Error Display           | Standard |
| Mechanical Lift Cylinder Lock                    | Standard |





## **Head Office**

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