Technical sheet:

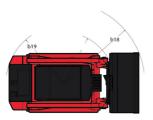
## **1050RT**



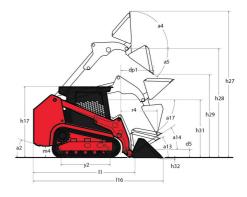


|  | 1050RT Created | on December 22, 2024 at 5:36 AM UTC |
|--|----------------|-------------------------------------|
| Capacities   |                | Metric                              |
| Operating Weight   |                | 2141 kg                             |
| Unladen weight   |                | 1928 kg                             |
| Operating Capacity at 35% Tipping Load                                   |                | 476 kg                              |
| Operating Capacity At 50% Tipping Load                                   |                | 680 kg                              |
| Tipping capacity   |                | 1361 kg                             |
| Weight and dimensions  |                |                                     |
| Overall Operating Height - Fully Raised                                  | h27            | 3650 mm                             |
| Height to Hinge Pin - Fully Raised                                       | h28            | 2769 mm                             |
| Dump reach - Full height   | r6             | 673.10 mm                           |
| Dump angle at full height  | a5             | 38 °                                |
| Dump Height - Fully Raised   | h29            | 2134 mm                             |
| Maximum Rollback Angle - Fully Raised                                    | a4             | 102 °                               |
| Overall Height to top of ROPS  | h17            | 1816 mm                             |
|  | 116            | 2985 mm                             |
| Overall length with bucket   |                |                                     |
| Overall Length without Bucket  | l1             | 2258 mm                             |
| Specified Height   | h31            | 1466 mm                             |
| Reach at Specified Height  | r4             | 991 mm                              |
| Dump angle at specified height   | a17            | 72 °                                |
| Carry Position   | d5             | 127 mm                              |
| Maximum Rollback Angle at Carry Position                                 | a14            | 32 °                                |
| Digging Position   | h32            | 0 mm                                |
| Angle of Departure with STD Counterweight                                |                | 35 °                                |
| Ground clearance   | m4             | 191 mm                              |
| Track gauge  | b10            | 1039 mm                             |
| Track Shoe Width   | b20            | 250 mm                              |
| Crawler base   | у2             | 1283 mm                             |
| Overall width less bucket  | b1             | 1290 mm                             |
| Bucket Width   | e1             | 1372 mm                             |
| Clearance Radius - Front with Bucket                                     | b18            | 1854 mm                             |
| Angle of Approach  | a3             | 90 °                                |
| Grouser Height   |                | 25 mm                               |
| Track Type / Track Rollers / Roller Type                                 |                | Rubber / 4 / Steel                  |
| Performances   |                |                                     |
| Ground Speed - Single Speed  |                | 10.10 km/h                          |
| Drawbar Pull/Tractive Effort   |                | 1996 kg                             |
| Bucket Breakout - Tilt Cylinder  |                | 1346 kg                             |
| Bucket Breakout - Lift Cylinder  |                | 1376 kg                             |
| Engine   |                |                                     |
| Engine brand   |                | Yanmar                              |
| Engine model   |                | 3TNV88C-KMSV                        |
| Motor Type   |                | Radial Piston                       |
| Gross Power / Power  |                | 25.50 kW @ 2800 rpm                 |
| Net Power / Power  |                | 23.70 kW / 2800 rpm                 |
| Max. torque  |                | 109.40 Nm                           |
| I.C. Engine power rating   |                | 34.20 Hp                            |
| Battery voltage  |                | 12 V                                |
| Cold Cranking Amps at Temperature (CCA)                                  |                | 800 A                               |
| Alternator - Voltage / Ampere  |                | 12 V / 55 A                         |
| Hydraulics   |                |                                     |
| Standard flow - Auxiliary hydraulics                                     |                | 55 l/min                            |
| Tank capacities  |                |                                     |
| Oil Pan Capacity   |                | 5.87 I                              |
| Hydraulic tank capacity  |                | 30 I                                |
| Fuel tank  |                | 361                                 |
| Liquid cooling tank volume   |                | 6.62 l                              |
| Displacement / Number of cylinders                                       |                | 1.64   / 3                          |
| Noise and vibration  |                | 1.041/3                             |
| Noise and violation  |                | 101 dB                              |
| Noice to environment (LwA)   |                |                                     |
|  |                |                                     |
| Noise to environment (LwA) Noise at driving position (LpA) Miscellaneous |                | 85.80 dB                            |

## 1050RT - Dimensional drawing







## **Equipment**

| Lifting function                                 |          |
|--|----------|
| All-Tach® Attachment Mounting System             | Standard |
| Auxiliary Hydraulics                             | Standard |
| IdealTrax® automatic track tensioning system     | Standard |
| Motorization/Power                               |          |
| Combination Radiator & Hydraulic Oil Cooler      | Standard |
| Dual-Element Air Cleaner with Indicator          | Standard |
| Engine Auto-Shutdown System                      | Optional |
| Glowplugs Starts Assist                          | Standard |
| Operator station                                 |          |
| Foot Throttle                                    | Standard |
| Full-Suspension Seat                             | Optional |
| Multi-Function Display Screen                    | Standard |
| 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 |
| Secondary functions                              |          |
| Counterweight                                    | Standard |
| Dedicated Undercarriage                          | Standard |
| Security   |          |
| Anti-Vandalism Protection                        | Standard |
| Back-Up Alarm                                    | Standard |
| Easy Manager                                     | Standard |
| Engine Alert System with Error Display           | Standard |
| Mechanical Lift Cylinder Lock                    | Standard |
|  |          |





## **Head Office**

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