Technical sheet:

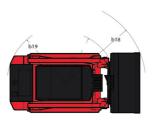
1050RT



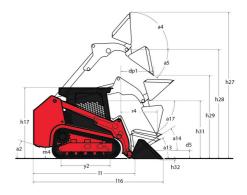


| | 1050RT Created on December 4, 2024 at 8:32 AM U |
|---|---|
| Capacities | Metric |
| Operating Weight | 2141 kg |
| Unladen weight | 1928 kg |
| Operating Capacity at 35% Tipping Load | 476 kg |
| Operating Capacity At 50% Tipping Load | 680 kg |
| Tipping capacity | 1361 kg |
| Weight and dimensions | |
| 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 |
| Overall length with bucket | 116 2985 mm |
| Overall Length without Bucket | 110 2950 mm |
| - | h31 1466 mm |
| Specified Height | |
| 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 | y2 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 | 12 V / 33 A |
| Standard flow - Auxiliary hydraulics | 55 I/min |
| | 33 (/111111 |
| Tank capacities | 5.07.1 |
| Oil Pan Capacity | 5.87 |
| Hydraulic tank capacity | 301 |
| Fuel tank | 361 |
| Liquid cooling tank volume | 6.621 |
| Displacement / Number of cylinders | 1.641/3 |
| Noise and vibration | |
| Noise to environment (LwA) | 101 dB |
| Noise at driving position (LpA) | 85.80 dB |
| Miscellaneous | |
| Ground Pressure | 0.33 bar |

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 |





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