Technical sheet:

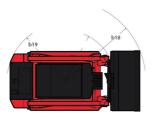
1850RT



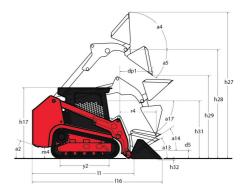


| | 1850RT Created on 15 May 2024 at 03:18 | :43 UT |
|---|---|--------|
| Capacities | Metric | |
| Max. capacity | Q 2398 kg | |
| Operating Weight | 4128 kg | |
| Unladen weight | 4128 kg | |
| Operating Capacity at 35% Tipping Load | 839 kg | |
| Operating Capacity At 50% Tipping Load | 1199 kg | |
| Tipping capacity | 2398 kg | |
| Weight and dimensions | | |
| Overall Operating Height - Fully Raised | h27 4267 mm | |
| Height to Hinge Pin – Fully Raised | h28 3251 mm | |
| Dump reach - Full height | r6 876 mm | |
| Dump angle at full height | a5 40.20 ° | |
| Dump Height - Fully Raised | h29 2489 mm | |
| Maximum Rollback Angle - Fully Raised | a4 102.50 ° | |
| | | |
| Overall Height to top of ROPS | h17 2103 mm | |
| Overall length with bucket | l16 3754 mm | |
| Overall Length without Bucket | l1 2921 mm | |
| Specified Height | h31 1715 mm | |
| Reach at Specified Height | r4 790 mm | |
| Dump angle at specified height | a17 66.80 ° | |
| Maximum Rollback Angle at Ground | a13 30 ° | |
| Carry Position | d5 208 mm | |
| Maximum Rollback Angle at Carry Position | a14 31.60° | |
| Digging Position | h32 23 mm | |
| Angle of Departure with STD Counterweight | 30.40° | |
| Ground clearance | m4 318 mm | |
| Track gauge | b10 1313 mm | |
| Track Shoe Width | b20 320 mm | |
| Crawler base | y2 1392 mm | |
| Overall width less bucket | b1 1636 mm | |
| Bucket Width | e1 1674 mm | |
| Clearance Radius - Front with Bucket | b18 2322 mm | |
| Clearance Circle - Rear | wa1 1666 mm | |
| Maximum rollback at specified height | 66.80 ° | |
| Angle of Approach | a3 90° | |
| Grouser Height | 25 mm | |
| Track Type / Track Rollers / Roller Type | Rubber / 4 / Steel | |
| Performances | | |
| Ground Speed - Single Speed | 9.50 km/h | |
| Ground Speed - Two Speed | 14.20 km/h | |
| Drawbar Pull/Tractive Effort | 4635 kg | |
| Bucket Breakout - Tilt Cylinder | 2429 kg | |
| Bucket Breakout - Lift Cylinder | 2275 kg | |
| Engine | | |
| Engine brand | Yanmar | |
| Engine model | 4TNV98C-NMSL | |
| Motor Type | Axial Piston with Planetary Gear Box Red | uction |
| Gross Power / Power | 51.70 kW @ 2500 rpm | uction |
| | | |
| Net Power / Power | 51 kW / 2500 rpm | |
| Max. torque | 241 Nm | |
| I.C. Engine power rating | 69.30 Hp | |
| Battery voltage | 12 V | |
| Cold Cranking Amps at Temperature (CCA) | 850 A | |
| Alternator - Voltage / Ampere | 14 V / 100 A | |
| Tank capacities | | |
| Oil Pan Capacity | 10.40 l | |
| Hydraulic oil tank capacity | 41.60 l | |
| Fuel tank | 91 l | |
| Coolant system capacity | 13.30 I | |
| Displacement / Number of cylinders | 3.301/4 | |
| Miscellaneous | | |
| Ground Pressure | 0.43 bar | |

1850RT - Dimensional drawing







Equipment

| Lifting function | |
|--|----------|
| 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 |
| Two-Speed Hydrostatic Drive System | Standard |
| Operator station | |
| Air suspension seat | Optional |
| Foot Throttle | Standard |
| Full-Suspension Seat | Standard |
| IdealAccess™ Fold-Up Door | Optional |
| Multi-Function Display Screen | Standard |
| Pressurized Cab Enclosure with A/C | Optional |
| Rearview Camera | 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 |
| Single Flange Front/Dual Flange Rear Idlers | Standard |
| Secondary functions | |
| Counterweight | Standard |
| Dedicated Undercarriage | Standard |
| Security | |
| Anti-Vandalism Lock Provisions | Standard |
| Back-Up Alarm | Standard |
| Easy Manager | Standard |
| Engine Alert System with Error Display | Standard |
| Mechanical Lift Cylinder Lock | Standard |
| Tilt-out Foot Pod | Standard |





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