Technical sheet :



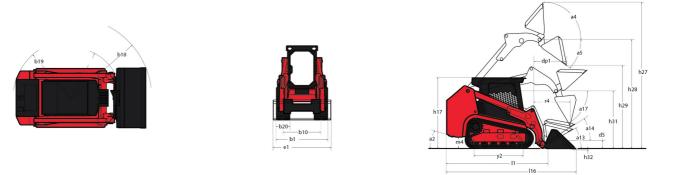




| | 1650RT | Created |
|---|-----------|---------|
| Capacities | | |
| Operating Weight | | |
| Unladen weight | | |
| Operating Capacity at 35% Tipping Load | | |
| Operating Capacity At 50% Tipping Load | | |
| Tipping capacity | | |
| Weight and dimensions | | |
| Overall Operating Height - Fully Raised | h27 | |
| Height to Hinge Pin - Fully Raised | h28 | |
| Dump reach - Full height | r6 | |
| Dump angle at full height | a5 | |
| Dump Height - Fully Raised | h29 | |
| Maximum Rollback Angle - Fully Raised | a4 | |
| Overall Height to top of ROPS | h17 | |
| Overall length with bucket | 116 | |
| Overall Length without Bucket | 11 | |
| Specified Height | h31 | |
| Reach at Specified Height | r4 | |
| Dump angle at specified height | 14 a17 | |
| | | |
| Maximum Rollback Angle at Ground | a13 d5 | |
| Carry Position | | |
| Maximum Rollback Angle at Carry Position | a14 | |
| Digging Position | h32 | |
| Angle of Departure with STD Counterweight | | |
| Ground clearance | m4 | |
| Track gauge | b10 | |
| Track Shoe Width | b20 | |
| Crawler base | y2 | |
| Overall width less bucket | b1 | |
| Bucket Width | e1 | |
| Clearance Radius - Front with Bucket | b18 | |
| Clearance Circle - Rear | wa1 | |
| Maximum rollback at specified height | | |
| Angle of Approach | a3 | |
| Grouser Height | | |
| Track Type / Track Rollers / Roller Type | | |
| Performances | | |
| Ground Speed - Single Speed | | |
| Ground Speed - Two Speed | | |
| Drawbar Pull/Tractive Effort | | |
| Bucket Breakout - Tilt Cylinder | | |
| Bucket Breakout - Lift Cylinder | | |
| Engine | | |
| Engine brand | | |
| Engine model | | |
| Motor Type | | |
| Gross Power / Power | | |
| Net Power / Power | | |
| Max. torque | | |
| I.C. Engine power rating | | |
| Battery voltage | | |
| Cold Cranking Amps at Temperature (CCA) | | |
| Alternator - Voltage / Ampere | | |
| Hydraulics | | |
| Standard flow - Auxiliary hydraulics | | _ |
| Tank capacities | | |
| Oil Pan Capacity | | |
| Hydraulic oil tank capacity | | |
| Fuel tank | | |
| Coolant system capacity | | |
| Displacement / Number of cylinders | | |
| Miscellaneous | | |
| Ground Pressure | | |

| | Metric | |
|----|---|--|
| | 3638 kg | |
| | 3638 kg | |
| | 748 kg | |
| | 1069 kg | |
| | 2139 kg | |
| 7 | 4008 mm | |
| .7 | 3038 mm | |
| ò | 641 mm | |
| 5 | 39 ° | |
| 9 | 2329 mm | |
| 4 | 98 ° | |
| 7 | 1969 mm | |
| 6 | 3205 mm | |
| I | 2393 mm | |
| 81 | 1638 mm | |
| 4 | 559 mm | |
| 7 | 73 ° | |
| 3 | 28 ° | |
| 5 | 198 mm | |
| 4 | 28 ° | |
| 32 | 53 mm | |
| | 28 ° | |
| 4 | 185 mm | |
| 0 | 1356 mm | |
| 20 | 320 mm | |
| 2 | 1265 mm | |
| 1 | 1676 mm | |
| 1 | 1676 mm | |
| 8 | 1979 mm | |
| 1 | 1440 mm | |
| | 62 ° | |
| 3 | 90 ° | |
| | 25 mm | |
| | Rubber / 3 / Steel | |
| | 10.50 km/h | |
| | 16.10 km/h | |
| | 4345 kg | |
| | 4343 Kg 1919 kg | |
| | 2295 kg | |
| | | |
| | Yanmar | |
| | | |
| | 4TNV98C-NMS2 | |
| | Radial Piston | |
| | Radial Piston 51.70 kW @ 2500 rpm | |
| | Radial Piston 51.70 kW @ 2500 rpm 51 kW / 2500 rpm | |
| | Radial Piston 51.70 kW @ 2500 rpm 51 kW / 2500 rpm 241 Nm | |
| | Radial Piston 51.70 kW @ 2500 rpm 51 kW / 2500 rpm 241 Nm 69.30 Hp | |
| | Radial Piston 51.70 kW @ 2500 rpm 51 kW / 2500 rpm 241 Nm 69.30 Hp 12 V | |
| | Radial Piston 51.70 kW @ 2500 rpm 51 kW / 2500 rpm 241 Nm 69.30 Hp 12 V 950 A | |
| | Radial Piston 51.70 kW @ 2500 rpm 51 kW / 2500 rpm 241 Nm 69.30 Hp 12 V | |
| | Radial Piston 51.70 kW @ 2500 rpm 51 kW / 2500 rpm 241 Nm 69.30 Hp 12 V 950 A 12 V / 100 A | |
| | Radial Piston 51.70 kW @ 2500 rpm 51 kW / 2500 rpm 241 Nm 69.30 Hp 12 V 950 A | |
| | Radial Piston 51.70 kW @ 2500 rpm 51 kW / 2500 rpm 241 Nm 69.30 Hp 12 V 950 A 12 V / 100 A 71 I/min | |
| | Radial Piston 51.70 kW @ 2500 rpm 51 kW / 2500 rpm 241 Nm 69.30 Hp 12 V 950 A 12 V / 100 A 71 l/min 9 l | |
| | Radial Piston 51.70 kW @ 2500 rpm 51 kW / 2500 rpm 241 Nm 69.30 Hp 12 V 950 A 12 V / 100 A 71 l/min 9 l 39 l | |
| | Radial Piston 51.70 kW @ 2500 rpm 51 kW / 2500 rpm 241 Nm 69.30 Hp 12 V 950 A 12 V / 100 A 71 l/min 9 l 39 l 39 l | |
| | Radial Piston 51.70 kW @ 2500 rpm 51 kW / 2500 rpm 241 Nm 69.30 Hp 12 V 950 A 12 V / 100 A 71 l/min 9 l 39 l 62.50 l | |
| | Radial Piston 51.70 kW @ 2500 rpm 51 kW / 2500 rpm 241 Nm 69.30 Hp 12 V 950 A 12 V / 100 A 71 l/min 9 l 39 l 39 l | |

1650RT - Dimensional drawing



Equipment

| Lifting function | |
|--|---------|
| All-Tach® Attachment Mounting System | Standar |
| Auxiliary Hydraulics | Standar |
| Electronic Attachment Control - 14-Pin Connector | Optiona |
| High-Flow Auxiliary Hydraulics | Optiona |
| IdealTrax™ Automatic Track Tensioning System | Standar |
| Power-A-Tach® Attachment Mounting System | Optiona |
| Motorization/Power | |
| Combination Radiator & Hydraulic Oil Cooler | Standar |
| Dual-Element Air Cleaner with Indicator | Standar |
| Engine Auto-Shutdown System | Standar |
| Glowplugs Starts Assist | Standar |
| Servo-Controlled Hydrostatic Drive | Standar |
| Two-Speed Hydrostatic Drive System | Standar |
| Operator station | |
| Air suspension seat | Optiona |
| Foot Throttle | Standar |
| Full-Suspension Seat | Standar |
| Multi-Function Display Screen | Standar |
| Pressurized Cab Enclosure with A/C | Optiona |
| Rearview Camera | Optiona |
| ROPS/FOPS Level II Overhead Guard | Standar |
| Sliding Side Windows | Standar |
| Swing-out Cab Door | Standar |
| Other options | |
| Selectable Self-Leveling Hydraulic Lift Action 4 | Optiona |
| Pneumatics | |
| Rubber Track Undercarriage System | Standar |
| Single Flange Front/Dual Flange Rear Idlers | Standar |
| Secondary functions | |
| Counterweight | Standar |
| Dedicated Undercarriage | Standar |
| Security | |
| Anti-Vandalism Lock Provisions | Standar |
| Back-Up Alarm | Optiona |
| Easy Manager | Standar |
| Engine Alert System with Error Display | Standar |
| Mechanical Lift Cylinder Lock | Standar |
| | |



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