Technical sheet :



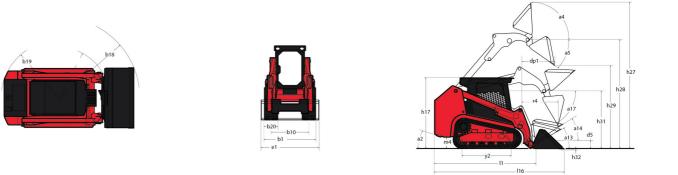




|  | 1630R1 | Giea |
|--|--------|------|
| Capacities   |        |      |
| Operating Weight                                     |        |      |
| Unladen weight                                       |        |      |
| Operating Capacity at 35% Tipping Load               |        |      |
| Operating 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                             | гб     |      |
| 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                       | a17    |      |
| Maximum Rollback Angle at Ground                     | a13    |      |
| Carry Position                                       | d5     |      |
| 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<br>Clearance Radius - Front with Bucket | e1     |      |
| Clearance Radius - Front with Bucket                 | b18    |      |
| Maximum rollback at specified height                 | wa1    |      |
| Angle of Approach                                    | a3     |      |
| Grouser Height                                       | as     |      |
| 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                                      |        |      |

| 50RT       | Created on May 19, 2024 at 3:45:12 PM UTC |  |
|------------|---|--|
|            | Metric                                    |  |
|            | 3638 kg                                   |  |
|            | 3638 kg                                   |  |
|            | 748 kg                                    |  |
|            | 1069 kg                                   |  |
|            | 2139 kg                                   |  |
| h27        | 4008 mm                                   |  |
| h28        | 3038 mm                                   |  |
| rб         | 641 mm                                    |  |
| a5         | 39 °                                      |  |
| h29        | 2329 mm                                   |  |
| a4         | 98 °                                      |  |
| h17<br> 16 | 1969 mm<br>3205 mm                        |  |
| 11         | 2393 mm                                   |  |
| h31        | 1638 mm                                   |  |
| r4         | 559 mm                                    |  |
| a17        | 73 °                                      |  |
| a13        | 28 °                                      |  |
| d5         | 198 mm                                    |  |
| a14<br>h32 | 28 °<br>53 mm                             |  |
| 1132       | 28 °                                      |  |
| m4         | 185 mm                                    |  |
| b10        | 1356 mm                                   |  |
| b20        | 320 mm                                    |  |
| y2         | 1265 mm                                   |  |
| b1         | 1676 mm                                   |  |
| e1         | 1676 mm                                   |  |
| b18<br>wa1 | 1979 mm<br>1440 mm                        |  |
| Mul        | 62 °                                      |  |
| a3         | 90 °                                      |  |
|            | 25 mm                                     |  |
|            | Rubber / 3 / Steel                        |  |
|            | 10 50 km/h                                |  |
|            | 10.50 km/h<br>16.10 km/h                  |  |
|            | 4345 kg                                   |  |
|            | 1919 kg                                   |  |
|            | 2295 kg                                   |  |
|            |   |  |
|            | Yanmar<br>4TNV98C-NMS2                    |  |
|            | Radial Piston                             |  |
|            | 51.70 kW @ 2500 rpm                       |  |
|            | 51 kW / 2500 rpm                          |  |
|            | 241 Nm                                    |  |
|            | 69.30 Hp                                  |  |
|            | 12 V                                      |  |
|            | 950 A<br>12 V / 100 A                     |  |
|            | 12 V / 100 A                              |  |
|            | 71 l/min                                  |  |
|            |   |  |
|            | 9 I<br>39 I                               |  |
|            | 62.50                                     |  |
|            | 12.90 I                                   |  |
|            | 3.30   / 4                                |  |
|            |   |  |
|            | 0.45 bar                                  |  |
|            |   |  |

## 1650RT - 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 <sup>™</sup> 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 |
|  |          |



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