Technical sheet :



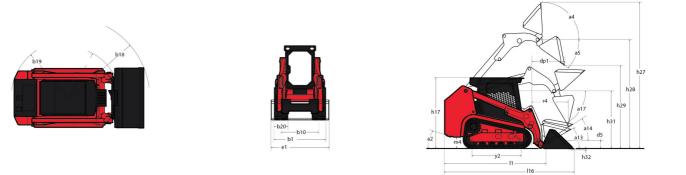




| Capacities  |     | Metric   |
|---|-----|--|
| Aax. capacity   | Q   | 2398 kg  |
| )perating Weight  |     | 4128 kg  |
| Inladen weight  |     | 4128 kg  |
| perating Capacity at 35% Tipping Load   |     | 839 kg   |
| perating Capacity At 50% Tipping Load   |     | 1199 kg  |
| ipping capacity   |     | 2398 kg  |
| Veight and dimensions   |     |  |
| verall Operating Height - Fully Raised  | h27 | 4267 mm  |
| leight to Hinge Pin – Fully Raised  | h28 | 3251 mm  |
| ump reach - Full height   | гб  | 876 mm   |
| lump angle at full height   | a5  | 40.20 °  |
| Jump Height - Fully Raised  | h29 | 2489 mm  |
| faximum Rollback Angle - Fully Raised   | a4  | 102.50 °                                       |
| Iverall Height to top of ROPS   | h17 | 2103 mm  |
| Iverall length with bucket  | 116 | 3754 mm  |
| Iverall Length without Bucket   | 11  | 2921 mm  |
| •   |     | 1715 mm  |
| pecified Height   | h31 |  |
| leach at Specified Height   | r4  | 790 mm   |
| ump angle at specified height   | a17 | 66.80 °  |
| Maximum Rollback Angle at Ground  | a13 | 30 °   |
| carry Position  | d5  | 208 mm   |
| Aaximum Rollback Angle at Carry Position  | a14 | 31.60 °  |
| ligging Position  | h32 | 23 mm  |
| ngle of Departure with STD Counterweight  |     | 30.40 °  |
| cround clearance  | m4  | 318 mm   |
| rack gauge  | b10 | 1313 mm  |
| rack Shoe Width   | b20 | 320 mm   |
| Crawler base  | у2  | 1392 mm  |
| Iverall width less bucket   | b1  | 1636 mm  |
| ucket Width   | e1  | 1674 mm  |
| Clearance Radius - Front with Bucket  | b18 | 2322 mm  |
| Clearance Circle - Rear   | wa1 | 1666 mm  |
| Aaximum rollback at specified height  |     | 66.80 °  |
| Ingle of Approach   | a3  | 90 °   |
| srouser Height  |     | 25 mm  |
| rack Type / Track Rollers / Roller Type   |     | Rubber / 4 / Steel                             |
| Yerformances  |     |  |
| From Anoca Single Speed   |     | 9.50 km/h                                      |
| Sround Speed - Single Speed   |     | 14.20 km/h                                     |
| Irawbar Pull/Tractive Effort  |     |  |
|   |     | 4635 kg  |
| lucket Breakout - Tilt Cylinder   |     | 2429 kg  |
| ucket Breakout - Lift Cylinder  |     | 2275 kg  |
| ingine  |     |  |
| ingine brand  |     | Yanmar   |
| ingine model  |     | 4TNV98C-NMSL                                   |
| Notor Type  |     | Axial Piston with Planetary Gear Box Reduction |
| cross Power / Power   |     | 51.70 kW @ 2500 rpm                            |
| let Power / Power   |     | 51 kW / 2500 rpm                               |
| fax. torque   |     | 241 Nm   |
| C. Engine power rating  |     | 69.30 Hp                                       |
| lattery voltage   |     | 12 V   |
| cold Cranking Amps at Temperature (CCA)   |     | 850 A  |
| lternator - Voltage / Ampere  |     | 14 V / 100 A                                   |
| ank capacities  |     |  |
| )il Pan Capacity  |     | 10.40 l  |
| lydraulic oil tank capacity   |     | 41.60 l  |
| uel tank  |     | 91 I   |
| coolant system capacity   |     | 13.30  |
| a contract and the second se |     |  |
| isplacement / Number of cylinders   |     | 3.30   / 4                                     |

|        | Metric   |
|--------|--|
|        | 2398 kg  |
|        | 4128 kg  |
|        | 4128 kg  |
|        | 839 kg   |
|        | 1199 kg  |
|        | 2398 kg  |
| 7      | 4267 mm  |
| 7<br>8 | 3251 mm  |
| 0      | 876 mm   |
| 5      | 40.20 °  |
| 9      | 2489 mm  |
| 1      | 102.50 °                                       |
| 7      | 2103 mm  |
| б      | 3754 mm  |
|        | 2921 mm  |
| 1      | 1715 mm  |
| ļ      | 790 mm   |
| 7      | 66.80 °  |
| 3      | 30 °   |
| 5      | 208 mm   |
| 4      | 31.60 °  |
| 2      | 23 mm  |
|        | 30.40 °  |
| 4      | 318 mm   |
| 0      | 1313 mm  |
| 0      | 320 mm   |
| 2      | 1392 mm  |
| 1      | 1636 mm  |
| 1<br>8 | 1674 mm<br>2322 mm                             |
| o<br>1 | 1666 mm  |
| •      | 66.80 °  |
| 3      | 90 °   |
|        | 25 mm  |
|        | Rubber / 4 / Steel                             |
|        |  |
|        | 9.50 km/h                                      |
|        | 14.20 km/h                                     |
|        | 4635 kg  |
|        | 2429 kg  |
|        | 2275 kg  |
|        | Yanmar   |
|        | 4TNV98C-NMSL                                   |
|        | Axial Piston with Planetary Gear Box Reduction |
|        | 51.70 kW @ 2500 rpm                            |
|        | 51 kW / 2500 rpm                               |
|        | 241 Nm   |
|        | 69.30 Hp                                       |
|        | 12 V   |
|        | 850 A  |
|        | 14 V / 100 A                                   |
|        |  |
|        | 10.40 l  |
|        | 41.60 l  |
|        | 91   |
|        | 13.30  |
|        | 3.30   / 4                                     |
|        | 0.43 bar                                       |
|        | 0.40 Dai                                       |
|        |  |

## 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 |
| ldealTrax™ 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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