

Technical sheet

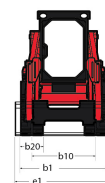
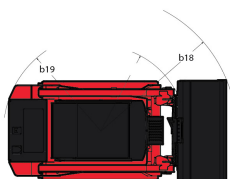
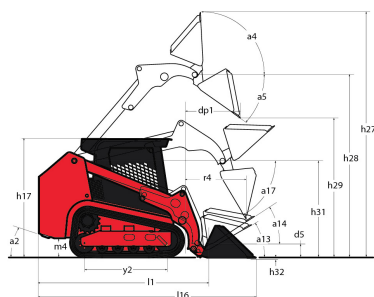
# **1750RT NXT:3**

Compact Track Loaders



| Weight and dimensions                          | Metric              | Imperial            |
|------------------------------------------------|---------------------|---------------------|
| h27 - Overall Operating Height – Fully Raised  | 4267 mm             | 14 ft               |
| h28 - Height to Hinge Pin – Fully Raised       | 3251 mm             | 10 ft 8 in          |
| dp1 - Reach - Fully Raised                     | 876 mm              | 2 ft 10 in          |
| a5 - Dump Angle at Full Height                 | 40.20 °             | 40.20 °             |
| h29 - Dump Height                              | 2489 mm             | 8 ft 2 in           |
| a4 - Maximum Rollback Angle - Fully Raised     | 102.50 °            | 102.50 °            |
| h17 Overall Height to Top of ROPS              | 2103 mm             | 6 ft 11 in          |
| l16 - Overall Length with Bucket               | 3658 mm             | 12 ft               |
| h31 - Specified Height                         | 1715 mm             | 5 ft 7 in           |
| r4 - Reach at Specified Height                 | 1715 mm             | 5 ft 7 in           |
| a17 - Dump Angle at Specified Height           | 75 °                | 75 °                |
| a13 - Maximum Rollback Angle At Ground         | 30 °                | 30 °                |
| d5 - Carry Position                            | 208 mm              | 8 in                |
| a14 - Maximum Rollback Angle at Carry Position | 31.60 °             | 31.60 °             |
| h32 - Digging Position - Below Ground          | 23 mm               | 1 in                |
| a2 - Departure Angle                           | 30.40 °             | 30.40 °             |
| m4 - Ground Clearance to Chassis               | 333 mm              | 1 ft 1 in           |
| Track Gauge                                    | 1313 mm             | 4 ft 4 in           |
| b20 - Track Shoe Width                         | 320 mm              | 12 ft 7 in          |
| y2 - Crawler Base                              | 1392 mm             | 4 ft 7 in           |
| b1 - Overall Width - Less Bucket A             | 1636 mm             | 5 ft 4 in           |
| e1 - Bucket Width                              | 1674 mm             | 5 ft 6 in           |
| b18 - Clearance Circle – Front with Bucket     | 2322 mm             | 7 ft 8 in           |
| Maximum Rollback at Specified Height           | 66.80 °             | 66.80 °             |
| Angle of Approach                              | 90 °                | 90 °                |
| Grouser Height                                 | 25 mm               | 1 in                |
| Operating Capacity at 35% Tipping Load         | 794 kg              | 1750 lbs            |
| Operating Capacity at 50% Tipping Load         | 1134 kg             | 2500 lbs            |
| Operating Weight                               | 3903 kg             | 8605 lbs            |
| Track width                                    | 320 mm              | 1 ft                |
| Performances                                   |                     |                     |
| Ground Speed - Single Speed                    | 8.50 km/h           | 5.30 mph            |
| Ground Speed - Two Speed                       | 12.40 km/h          | 7.70 mph            |
| Drawbar Pull                                   | 4498 kg             | 9917 lbs            |
| Bucket Breakout - Tilt Cylinder                | 2429 kg             | 5355 lbs            |
| Bucket Breakout - Lift Cylinder                | 2275 kg             | 5016 lbs            |
| Engine                                         |                     |                     |
| Make                                           | Yanmar              | Yanmar              |
| Model                                          | 4TNV98C-NMSL        | 4TNV98C-NMSL        |
| Motor type                                     | Interim Tier IV     | Interim Tier IV     |
| Gross Power                                    | 69.90 hp / 52.10 kW | 69.90 hp / 52.10 kW |
| Net Power                                      | 51 hp / 68.40 kW    | 51 hp / 68.40 kW    |
| Maximum Torque                                 | 242.70 Nm at -      | 179 ft.lbs at -     |
| Battery (CCA)                                  | 12 V / -            | 12 V / -            |
| Starter                                        | 69.90 hp            | 69.90 hp            |
| Alternator                                     | 69.90 hp / 1.33 kW  | 69.90 hp / 1.33 kW  |
| Hydraulics                                     |                     |                     |
| Auxiliary Hydraulic Flow – Rated Speed         | 70 l/min            | 18.50 gpm           |
| High-Flow Auxiliary Hydraulics – Option        | 128.80 l/min        | 34 gpm              |
| Tank capacities                                |                     |                     |
| Oil Pan Capacity                               | 10.40 l             | -                   |
| Reservoir Capacity                             | 91 l                | 24 US gal.          |
| Hydraulic Reservoir Tank                       | 41.60 l             | 11 US gal.          |
| Displacement / cylinders                       | 3.30 l / 4          | 0.87 US gal. / 4    |
| Engine coolant                                 | 13.30 l             | 3.50 US gal.        |

## Dimensional drawing



## Equipments

| Engine                                                     |          |
|------------------------------------------------------------|----------|
| Engine Auto-Shutdown System                                | Standard |
| Engine Alert System with Error Display                     | Standard |
| Glowplugs Starts Assist                                    | Standard |
| Dual-Element Air Cleaner with Indicator                    | Standard |
| Hydraulics                                                 |          |
| Auxiliary Hydraulics                                       | Standard |
| High-Flow Auxiliary Hydraulics                             | Optional |
| Undercarriage                                              |          |
| Elevated Planetary Final Drives                            | Standard |
| Single Flange Front/Dual Flange Rear Idlers                | Standard |
| Rubber Track Undercarriage System                          | Standard |
| Dedicated Undercarriage                                    | Standard |
| Structure                                                  |          |
| Tilt-out Foot Pod                                          | Standard |
| Combination Radiator & Hydraulic Oil Cooler                | Standard |
| Anti-Vandalism Lock Provisions                             | Standard |
| Mechanical Lift Cylinder Lock                              | Standard |
| Operator station                                           |          |
| ROPS/FOPS Level II Overhead Guard                          | Standard |
| Pressurized Cab Enclosure with A/C                         | Optional |
| IdealAccess™ Fold-Up Door                                  | Optional |
| Multi-Function Function Display Screen                     | Standard |
| Drive Sensitivity Adjustment                               | Standard |
| Electronic Attachment Control - 14-Pin Connector           | Optional |
| Electro-Hydraulic Joystick Controls                        | Standard |
| Selectable Control Pattern Configuration (ISO / Dual-Hand) | Optional |
| Variable Speed Control, Selectable On & Off                | Optional |
| Foot Throttle                                              | Standard |
| Full-Suspension Seat                                       | Standard |
| Suspension Seat - Air Ride                                 | Optional |
| Performance                                                |          |
| All-Tach® Attachment Mounting System                       | Standard |
| Power-A-Tach® Attachment Mounting System                   | Optional |
| Selectable Self-Leveling Hydraulic Lift Action 4           | Optional |
| Back-Up Alarm                                              | Standard |
| IdeaTrax™ Automatic Track Tensioning System                | Standard |
| Straight Tracking                                          | Standard |
| Two-Speed Hydrostatic Drive System                         | Standard |
| Horsepower Management System                               | Standard |

Your dealer :



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