Technical sheet:

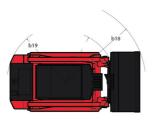
1850RT



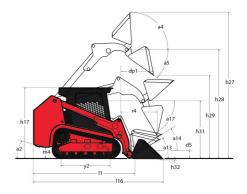


Max. capacity Max. capacit	ed on May 17, 2024 at 6:36:58 AM UTC
Max. capacity Operating Weight United Sent Receipt Operating Weight United Sent Receipt Operating Capacity at 50% Toping Load Operating Capacity 4 50% Toping Load Operating Capacity 4 50% Toping Load Operating Capacity 4 50% Toping Load Toping Capacity 4 50% Toping Load Operating Sent Fully Reliased	Metric
Operating Capacity At 25% Tipping Load Operating Capacity Capacity Capacity Capacity Operating Capa	2398 kg
Unificiate weight Operating Capacity At 50% Tipping Load Operating Capacity Ca	4128 kg
Operating Capacity At 50% Tipping Load Tipping Read- Full Meight Dump angled at full height Decall Height to top of RDPS Note and Relback Angle at 61% Relback Decall Height to top of RDPS Decall Height top of RDPS Decall	4128 kg
Operating Departing Height 7- Fully Raised Very 1 and dimensions Very 1 and dimensions Very 1 and dimensions Very 2 and dimensions Very 3 and dimensions Very 4 and Department of the United States Very 4 and Ve	839 kg
Tipoling capacity Wordpin and differenciations Overall Operating Height - Fully Raised Height to Minge Pin — Fully Raised Dump angle at full height Height Fully Raised Age August Height to got fine Size Height Raised Height to Book Pin Ti Ti Dump Height - Fully Raised Age August Height to got fine Size Height Raised	1199 kg
Weight and dimensions	2398 kg
December	2070 Ng
Height to Ringe Pin - Fully Raised Dump raceh - Full height	4267 mm
Dump anela of full height	3251 mm
Dump alejah Fully Raised Maximum Rollback Angle - Fully Raised Overall Length without Bucket It is Specified Height to spo of ROPS Overall Length without Bucket It is Specified Height It is Specified Height It is Dump angle at specified Height It is Dump angle at specified Height It is All Raise Angle at Gound It is Carry Position It is Assimum Rollback Angle at Carry Position It is Jugging Position It is Assimum Rollback Angle at Carry Position It is Jugging Position It is Assimum Rollback Angle at Carry Position It is Jugging Position It is Assimum Rollback Angle at Carry Position It is Jugging Position It is Assimum Rollback Angle at Carry Position It is Jugging Position It is Assimum Rollback Angle at Carry Position It is Jugging Position It is Assimum Rollback Angle at Carry Position It is Jugging Position It is Assimum Rollback Angle at Carry Position It is Jugging Positio	876 mm
Dump Height - Fully Raised 24	40.20 °
Maximum Rollback Angle - Fully Raised verall leight to top of ROPS h17 overall Length with bucket 116 overall Length without Bucket 111 Specified Height 127 Reach at Specified Height 128 Reach at Specified Height 129 Angle of Departure with STD Counterweight Ground Clearance 120 131 132 133 134 137 138 139 139 139 139 139 139 139	2489 mm
Devail Height to top of ROPS	102.50 °
Overall Leight with bucket II Specified Height Specified Height Specified Height Maximum Rollback Angle at Specified Height Maximum Rollback Angle at Carry Position Gary Position Agical Departure with STD Counterweight Ground clearance Track aguage Track Shoe Width D20 Orall with less bucket D10 Clearance Radius - Front with Bucket D11 Clearance Radius - Front with Bucket D12 Clearance Circle - Rear Maximum Rollback at specified height Angle of Approach Ground Speed - Single Speed Ground Speed - Tinu Cynder Bucket Breakon - Lift Cynder Bucket Bre	2103 mm
Devail Length without Bucket 11 15 15 15 15 15 15 1	3754 mm
Specified Height Reach at Specified Height If 4 Dump angle at Specified Height If 31 Maximum Rollback Angle at Ground If 32 Maximum Rollback Angle at Ground If 32 Maximum Rollback Angle at Ground If 33 Maximum Rollback Angle at Ground If 34 Maximum Rollback Angle at Gary Position If 32 Mayer If 34 Maximum Rollback Angle at Gary Position If 32 Mayer If 34 Maximum Rollback Angle at Gary Position If 34 If 36 Maximum Rollback Angle at Gary Position If 34 If 36 I	2921 mm
Reach at Specified Height Jump angle at specified height Jump angle at specified height Jan Waximum Rollback Angle at Cround Jan Yoshion Adaximum Rollback Angle at Carry Position Jan	
Dump angle at specified height Maximum Rollback Angle at Ground a13 can y Position d5 Maximum Rollback Angle at Ground a14 Digging Position h32 Angle of Departure with STD Counterweight Ground clearance m4 Track Shoe Width Track Shoe Width b20 Crawler base y2 Coverll width less bucket b11 Bucket Width e11 Clearance Radius - Front with Bucket b18 Clearance Shoe - Rear Maximum rollback at specified height Angle of Approach Grouser Height Track Type - Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - S	1715 mm 790 mm
Maximum Rollback Angle at Ground d5 Cary Position d5 Angle of Departure with STD Counterweight Ground Ceparature with STD Counterweight Ground Clearance m4 Track gauge b10 Track Shoe Width Crawler Star Counterweight Count	
Carry Position	66.80 °
Maximum Rollback Angle at Carry Position haz2 Angle of Departure with STD Counterweight Ground clearance m4 Track gauge b100 Crawler base y2 Verall width less bucket b10 Clearance Radius - Front with Ducket b10 Clearance Circle - Rear Maximum rollback at specified height Angle of Approach Angle of Approach Strouge Single Speed Ground Speed - Single Speed Ground Speed - Single Speed Ground Speed - Time Speed Drawbar Pull/Tractive Effort Bucket Breakout - Lift Cylinder Bucket	30 °
Digging Position 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 Addius - Front with Bucket b18 Clearance Circle - Rear wa1 Maximum collback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Two Speed Ground Speed - Single Speed Ground Speed - Titl Cylinder Bucket Breakout - Lift Cyl	208 mm
Angle of Departure with STD Counterweight Ground clearance m4 Track Gauge bit 0 Track Shoe Width b20 Crawler base y2 Doverall width less bucket bit Bucket Width et 1 Clearance Radius - Front with Bucket bits Clearance Circle - Rear wat 1 Maximum rollback at specified height Angle of Approach Grouser Height Track Type / Track Roller Type Performances Ground Speed - Single Speed Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Lift Cylinder Engine brand Engine model Motor Type Gross Power / Power Max. Torque LC. Engine power arting Battery voltage Coll Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tent Lagacity Hydraulic oil tank capacity Fydraulic oil tank capacity	31.60 °
Ground clearance Track gauge	23 mm
Track gauge Track gauge Track She Width D20 Crewler base 92 Overall width less bucket 101 Bucket Width 102 Clearance Radius - Front with Bucket 103 Clearance Radius - Front with Bucket 104 Clearance Circle - Rear 105 Maximum rollback at specified height 106 Maximum rollback at specified height 107 Track Roller S Roller Type 107 Foruser Height 107 Track Type / Track Roller S Roller Type 108 Bucket Breakout - Lift Cylinder 108 Bucket Breakout - Lift Cylinder 108 Bucket Breakout - Lift Cylinder 109 Engine brand 109 Engine brand 109 Engine model 100 Max. torque 102 102 103 103 104 105 105 105 106 106 107 107 107 107 107 107 107 107 107 107	30.40 °
Track Shoe Width Crawler base y2 Overall width less bucket b1 Bucket Width Clearance Radius - Front with Bucket b18 Clearance Circle - Rear wa1 Maximum rollback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Lift Cylinder Engine Engine brand Engine brand Engine brand Engine model Motor Type Act Gross Power / Power Net Power / Power Max. torque L.C. Engine power rating Battery wickage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Oil Pan Capacity Fuel tank Coolant system capacity	318 mm
Crawler base	1313 mm
Overall width less bucket Bucket Width el Clearance Radius - Front with Bucket bl Clearance Circle - Rear Maximum rollback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull Trackbeer / Track Rollers / Roller Type Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Bucket Breakout - Tilt	320 mm
Bucket Wirdth 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 - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Till Cylinder Bucket Breakout - Lift Cylinder Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type Gross Power / Power Max. torque L.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Altemator - Voltage / Ampere Tank capacities Oil Pan Capacity Fuel tank Coolant system capacity	1392 mm
Clearance Radius - Front with Bucket Clearance Circle - Rear Maximum rollback at specified height Angle of Approach 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 Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type Max. torque I.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Altemator - Voltage / Ampere Tonk capacities Oil Pan Capacity Fuel tank Coolant system capacity	1636 mm
Clearance Circle - Rear Maximum rollback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Lift Cylinder Bucket Breakout - Lift Cylinder Bucket Breakout - Lift Cylinder Bucket Breakout - Lift Oylinder Engine model Motor Type Arit Gross Power / Power Net Power / Power Net Power / Power Max. torque L.C. Engine power rating Battery voltage / Ampere Cold Cranking Amps at Temperature (CCA) Altemator - Voltage / Ampere Tank capacities Oil Pan Capacity Hydraulic oil tank capacity	1674 mm
Maximum rollback at specified height Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Lift Cylinder Bucket Breakout - Lift Cylinder Bucket Breakout - Lift Cylinder Engine Engine Engine model Motor Type Actions Speed / Dever / Power Net Power / Power Net Power / Power Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Oil Pan Capacity Hydraulic oil tank capacity	2322 mm
Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tillt Cylinder Bucket Breakout - Lift cylinder Bucket Breakout - Lift cylinder Engine Engine Engine Engine brand Engine model Motor Type Ari Gross Power / Power Net Power / Power Net Power / Power Net power / Power L.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	1666 mm
Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Wo Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine Engine Engine model Motor Type Gross Power / Power Net Power / Power Net Power / Power Max. torque L.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank Capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	66.80 °
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 Engine Engine Engine brand Engine model Motor Type A: Gross Power / Power Net Power / Power Net Power / Power Max. torque L.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank Capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	90 °
Performances Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Bengine Engine 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 Tank capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	25 mm
Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Bugine Engine Engine Engine Engine model Motor Type Gross Power / Power Net Power / Power Max. torque L.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Altermator - Voltage / Ampere Tank Capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	Rubber / 4 / Steel
Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine Engine brand Engine model Motor Type Gross Power / Power Net Power / Power Max. torque L.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	
Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine Engine brand Engine model Motor Type A: Gross Power / Power Net Power / Power Max. torque I.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	9.50 km/h
Bucket Breakout - Tilt Cylinder Engine 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 Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	14.20 km/h
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 Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	4635 kg
Engine brand Engine model Motor Type A: Gross Power / Power Net Power / Power Max. torqueC. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Dil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	2429 kg
Engine brand Engine model Motor Type A: Gross Power / Power Net Power / Power Max. torque I.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	2275 kg
Engine brand Engine model Motor Type A: Gross Power / Power Net Power / Power Max. torque I.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	
Engine model Motor Type A: Gross Power / Power Net Power / Power Max. torque I.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	Yanmar
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 Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	4TNV98C-NMSL
Gross Power / Power Net Power / Power Max. torque I.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	Axial Piston with Planetary Gear Box Reduction
Net Power / Power Max. torque I.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	51.70 kW @ 2500 rpm
Max. torque I.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	51 kW / 2500 rpm
I.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	241 Nm
Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	69.30 Hp
Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	12 V
Alternator - Voltage / Ampere Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	850 A
Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	14 V / 100 A
Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	14 V / 10U A
Hydraulic oil tank capacity Fuel tank Coolant system capacity	10.40 !
Fuel tank Coolant system capacity	10.40
Coolant system capacity	41.60
	91
Displacement / Number of cylinders	13.30 l
	3.30 / 4
Miscellaneous	

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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