Technical sheet:

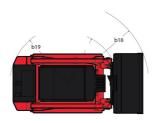
1850RT



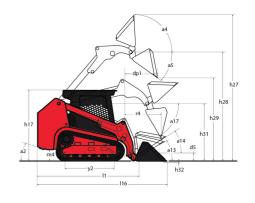


Gross Power / Power Net Power / Power Max. torque L.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Altemator - Voltage / Ampere Tank capacities Oil Pan Capacity Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	ovember 23, 2024 at 10:23 AM l
Max. capacity Operating Quaght Unladen weight Operating Capacity at 35% Tipping Load Operating Capacity At 50% Tipping Load Tipping capacity Weight and dimensions Oward Operating Pelapht. Fully Raised Pelapht bringer Far Fully Raised Dump roads. Full height Dump angle at 114 height Dump angle at 141 height Dump angle at 141 height Dump angle at 141 height Dump Selecht Fully Raised Dump angle at 141 height Dump Selecht Fully Raised Dump Raised Selection	Metric
Operating Veight Unified weight Operating Capacity at 35% Tipping Load Operating Capacity at 35% Tipping Load Operating Capacity A 55% Tipping Load Operating Capacity A 55% Tipping Load Operating Incigent: July Raised Veilogit and dimensions Veilogit Annual Height Fully Raised Veilogit and Miles Angle of Load Sample of 128 Dump angle at full height Dump angle at full height Dump angle at full height Dump Reight - Eifly Raised Veiloum Height - Eifly Raised Veiloum Raised - Rai	2398 kg
Junisides weight Operating Capacity at 50% Typing Load Operating Capacity A 50% Typing Load Deal Capacity A 50% Typing Load Deal Capacity A 50% Typing Load Operating Capacity Operating Capacity	4128 kg
piperating Capacity At 50% Tipping Lead teight to Hinge Pinr - Fully Rateed 128	4128 kg
peerating Spanely A SPN. Tipping Load (ipping capacity) Weell Operating Height - Fully Raised (a) 28 elegating Height - Fully Raised (b) 29 decide to Hinge Pin - Fully Raised (b) 29 decide to Hinge Pin - Fully Raised (c) 30 pump angle at full height (c) 40 pump angle at full height (c) 50 pump Height (c) 60 PSN (c) 70 pump Height (c) 60 pump Heig	839 kg
Tipping capacity Wealt Operating Height - Fully Raised Verall Company of the Height Verall Company of Fully Raised Verall Height to go of Fully Raised Verall Height to go of Fully Raised Verall Length villy Raised Verall Raised Verall Length villy Raised Verall Raised Verall Length villy Raised Verall Length villy Raised Verall Raised Verall Length villy Raised Verall Length villy Raised Verall Length villy Raised Verall Length villy Raised Verall Raised Verall Length villy Raised Verall Raised Verall Length	1199 kg
Maintain	2398 kg
Decental Operating Height - Failty Raised 127 Height to Hinge Pin - Fully Raised 128 Dump angel at 1 ful height 129 Dump angel at 1 ful height 129 Maximum Rollback Angle - Fully Raised 129 Maximum Rollback Angle - Fully Raised 129 Decental Height to top of ROPS 110 Decental Height to top of ROPS 111 Decental Height to top of ROPS 111 Decental Height to top of ROPS 111 Decental Height with bucket 111 Decental Height to top of ROPS 111 Decental Height to top of ROPS 112 Decental Height to top of ROPS 113 Decental Height to top of ROPS 114 Decental Height to top of ROPS 115 Decental Height to top of ROPS 116 Decental Height to top of ROPS 117 Decental Height to top of ROPS 118 Decental Height to top of ROPS 119 Decental Height to top of ROPS 110 Decental Height to top of ROPS 110 Decental Height to top of ROPS 111 Decental Height to top of ROPS 111 Decental Height to top of ROPS 112 Decental Height to top of ROPS 113 Decental Height to top of ROPS 116 Decental Height to top of ROPS 117 Decental Height to top of ROPS 118 Decental Height to top of ROPS 119 Decental Height top of ROPS 119 Decental Height to top of ROPS 119 Decental Height	2390 kg
stepht to kinge Pin - Fully Stated Dump reach - Full height	4267 mm
Jump angle at full height a5 pump in the light a5 pump in the light a5 pump in the light about a singular full height a5 pump in the light about a singular full height a5 pump in the light about a singular full height a5 pump in the light about a singular full height a5 pump in the light about a5 pump in the light a5 pump angle at specified height a1 pump angle at specified height a1 pump angle at specified height a1 pump angle at specified height a5 pump angle at specified height a1 pump angle at specified height a5 pump angle at specified height a6 pump angle at specified height a6 pump angle at specified	3251 mm
Jump angle at full height Dump Height Fully Raised Jump Alley Fully Raised Jump Height Fully Raised Jump Height Fully Raised Jump Alley Fully Raised Jump Alley Height So foo F ROPS Jump Alley Alley Height Jump Alley at specified Height Jump Alley at specified Height Jump Alley Alley Foo F ROPS Jump Alley Al	
Jump Height - Fully Raised Maximum Rollback Angle of ROPS Nerall Length with bucket Iff Depending the Without Bucket Specified Height In 11 Specified Height In 12 Specified Height In 14 Maximum Rollback Angle at Carry Position In 12 Sarry Position In 12 Sarry Position In 14 Maximum Rollback Angle at Carry Position In 14 Maximum Rollback Angle at Carry Position In 15 Maximum Rollback Angle at Carry Position In 16 Maximum Rollback Angle at Carry Position In 17 Maximum Rollback Angle at Carry Position In 17 Maximum Rollback Mind In 17 Maximum Rollback I	876 mm
Maximum Rollback Angle - Fully Raised Asterphic to nog in Roll's School (16 to 16 t	40.20 °
Devanal Height to top of ROPS Overall length with bucket	2489 mm
Dezall length with bucket 11 Dezal Length Without Bucket 11 Seach at Specified Height 14 Damp Angle at specified Height 14 Damp Angle at specified Height 15 Damp Damp Damp Specified Height 15 Damp Damp Damp Damp Damp Damp Damp Damp	102.50 °
Diverall Length without Bucket Ji Specified Height An 11 Reach at Specified Height Jump angle at Carry Position Jump angle at Carry Pos	2103 mm
Specified Height 44 Automatic Automa	3754 mm
Reach at Specified Height and 7 Jump angle at specified height and 8 Jeging Position and 14 Jeging Position Angle of Departure with STD Counterweight Stround clearance m4 Jeging Angle of Departure with STD Counterweight Stround clearance m4 Jeack Shoe Width D20 Jeack Shoe Shoe Shoe Shoe Shoe Shoe Shoe Shoe	2921 mm
Dump angle at specified height a17 Zamy Position d5 Maximum Rollback Angle at Carry Position a14 Digging Position Angle of Departure with STD Counterweight Stroud clearance m4 Track gauge b10 Track Shoe Width b20 Drawler base y2 Dwerall width less bucket b1 Boucket Width clearance Radius - Front with Bucket b1 Boucket Width clearance Radius - Front with Bucket b1 Boucket Width clearance Radius - Front with Bucket b1 Boucket Width clearance Radius - Front with Bucket b1 Boucket Width clearance Radius - Front with Bucket b1 Boucket Width clearance Radius - Front with Bucket b1 Boucket Width clearance Radius - Front with Bucket b1 Boucket Width clearance Radius - Front with Bucket clearance Radius - Front with Sucket clearance Radius - Front w	1715 mm
Carry Position d5 Maximum Rollback Angle at Carry Position 1412 Jigging Position 1500 Counterweight 1500 Cou	790 mm
Maximum Rollback Angle at Carry Position in 182 ligging Position Angle of Departure with STD Counterweight Ground clearance ITRICK gauge ITRICK Shoe Width Diagname Sh	66.80 °
Digging Position Nagle of Departure with STD Counterweight Stround clearance Flack gauge Flack gauge Flack with Flack gauge Diversall width less bucket Diversall width le	208 mm
Angle of Departure with STD Counterweight STOUR clearance m4 Track Squage b10 Track Shoe Width b20 Drawler base y2 Doverall width less bucket b1 Ducket Width e1 Clearance Radius - Front with Bucket b18 Angle of Approach a3 STOURS Fred Front With Bucket b18 Angle of Approach a3 STOURS Fred Front With Bucket b18 Angle of Approach STOURS Fred Front With Bucket b18 Angle of Approach STOURS Fred Front With Bucket b18 Angle of Approach STOURS Fred Front With Bucket b18 Angle of Approach STOURS Fred Front With Bucket b18 Angle of Approach STOURS Fred Front With Bucket b18 Angle of Approach STOURS Fred Front With Bucket b18 Angle of Approach STOURS Fred Front With Bucket B18 Angle of Approach STOURS Fred Front With Bucket B18 B18 Angle of Approach STOURS Fred Front With Bucket B18 Angle of Approach STOURS Fred Front With Bucket B18 B18 Angle of Approach STOURS Fred Front With Bucket B18 Angle of Approach STOURS Fred Front With Bucket B18 Angle of Approach STOURS Fred Front With Bucket B18 Angle of Approach STOURS Fred Front With Bucket B18 Angle of Approach STOURS Fred Front With Bucket B19 B19 B10 B10 B10 B10 B10 B10	31.60 °
Angle of Departure with STD Counterweight STOUR clearance m4 Track Squage b10 Track Shoe Width b20 Drawler base y2 Doverall width less bucket b1 Ducket Width e1 Clearance Radius - Front with Bucket b18 Angle of Approach a3 STOURS Fred Front With Bucket b18 Angle of Approach a3 STOURS Fred Front With Bucket b18 Angle of Approach STOURS Fred Front With Bucket b18 Angle of Approach STOURS Fred Front With Bucket b18 Angle of Approach STOURS Fred Front With Bucket b18 Angle of Approach STOURS Fred Front With Bucket b18 Angle of Approach STOURS Fred Front With Bucket b18 Angle of Approach STOURS Fred Front With Bucket b18 Angle of Approach STOURS Fred Front With Bucket B18 Angle of Approach STOURS Fred Front With Bucket B18 B18 Angle of Approach STOURS Fred Front With Bucket B18 Angle of Approach STOURS Fred Front With Bucket B18 B18 Angle of Approach STOURS Fred Front With Bucket B18 Angle of Approach STOURS Fred Front With Bucket B18 Angle of Approach STOURS Fred Front With Bucket B18 Angle of Approach STOURS Fred Front With Bucket B18 Angle of Approach STOURS Fred Front With Bucket B19 B19 B10 B10 B10 B10 B10 B10	23 mm
Ground clearance m4 Track gauge	30.40 °
Track gauge Track gauge Track show Width D20 Crawler base V2 Diverall width less bucket b1 Sucket Width e1 Clearance Radius - Front with Bucket b1B Analge of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Stround Speed - Single Speed Ground Speed - Single Speed Ground Speed - Two Speed Dawbar Pull/Tractive Effort Bucket Breakout - Lift Cylinder Bucket Breakout - Lift Cylinder Bucket Breakout - Lift Cylinder Bucket Breakout - Were for the work of the wo	318 mm
Track Shoe Width Track Phase y2 Diverall width less bucket b1 Ducket Width c1 Clearance Radius - Front with Bucket b18 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 - Lift Cylinder Bucket Breakout - Lift Cylinder Bengine model Motor Type Axial Gross Power / Power Net Power / Power Net Power / Power Net Power / Power Net Rower / Power Net Row	1313 mm
Crawler base Crawler base Diverall width less bucket bit doucket Width et 1 Clearance Radius - Front with Bucket Angle of Approach a3 Grouser Height Frack Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Single Speed Ground Speed - Single Speed Ground Speed - Two Speed Lavebar Pull/Tractive Effort Bucket Breakout - Lift Cylinder Engine brand Engine model Motor Type Axial Gross Power / Power Met P	320 mm
Deveall width less bucket District Width Declearance Radius - Front with Bucket 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 Br	1392 mm
Bucket Width e1 Clearance Radius - Front with Bucket b18 Angle of Approach a3 Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Single Speed Ground Speed - Wo Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinde	1636 mm
Clearance Radius - Front with Bucket b18 Angle of Approach a3 Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Single Speed Browbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Bucket Breakout - Lift Cylinder Bucket Breakout - Filt Cylinder Bucke	1674 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 - Lift Cylinder Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type Gross Power / Power Net 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 tank capacity Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	2322 mm
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 Bucket Breakout - Lift Cylinder Bucket Breakout - Wester State St	90 °
Track Type / Track Roller Ypee Performances Ground Speed - Single Speed Ground Speed - Wo Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder 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) Altemator - Voltage / Ampere Tank capacities Oil Pan Capacity Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	
Performances Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Titl Cylinder Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type Axial Gross Power / Power Net Power / Power Net Power / Power Axia. Crouse CCA) Alternator - Voltage / Ampere Tank capacities Diil Pan Capacity Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	25 mm
Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine Engine brand Engine model Motor Type Axial 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 Uil Pan Capacity Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	Rubber / 4 / Steel
Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine Engine Engine Engine Axial 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 tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	
Drawbar Pull/Tractive Effort Bucket Breakout - Lift Cylinder Bucket Breakout - Lift Cylinder Engine Engine Engine brand Engine model Motor Type Axial Gross Power / Power Net Power / Power Max. torque L.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Indicate the Capacities Dil Pan Capacity Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	9.50 km/h
Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine Engine brand Engine model Motor Type Axial Gross Power / Power Net Power Net Power / Power Max. torque .C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Dil Pan Capacity Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	14.20 km/h
Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type Axial Gross Power / Power Net Power / Power Max. torque .C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Dil Pan Capacity Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	4635 kg
Engine brand Engine model Motor Type Axial Gross Power / Power Net Power / Power Max. torque .C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Fank capacities Dil Pan Capacity Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	2429 kg
Engine brand Engine model Motor Type Axial Gross Power / Power Net Power / Power Max. torque .C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Dil Pan Capacity Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	2275 kg
Engine model Motor Type Axial 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 Dil Pan Capacity Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	
Motor Type Gross Power / Power Net Power / Power Max. torque C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Altemator - Voltage / Ampere Tank capacities Dil Pan Capacity Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	Yanmar
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 Dil Pan Capacity Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	4TNV98C-NMSL
Net Power / Power Max. torque C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Dil Pan Capacity Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	l Piston with Planetary Gear Box Reduction
Max. torque C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Dil Pan Capacity Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	51.70 kW @ 2500 rpm
Max. torque C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Dil Pan Capacity Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	51 kW / 2500 rpm
C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Fank capacities Dil Pan Capacity Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	241 Nm
Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Fank capacities Dil Pan Capacity Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	69.30 Hp
Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Dil Pan Capacity Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	12 V
Alternator - Voltage / Ampere Fank capacities Dil Pan Capacity Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	850 A
Fank capacities Dil Pan Capacity Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	14 V / 100 A
Dil Pan Capacity Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	17 7 100 A
Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders	10.40
uel tank Liquid cooling tank volume Displacement / Number of cylinders	10.40
Liquid cooling tank volume Displacement / Number of cylinders	41.60
Displacement / Number of cylinders	91
	13.30 l
Missollaneous	3.30 / 4
Miscellaneous Ground Pressure	0.43 bar

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 Control of the Control	
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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