Technical sheet:

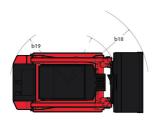
1850RT



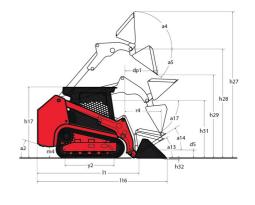


Gross Power / Power Net Power / Power Max. torque I.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Altemator - Voltage / Ampere Tank capacities Oil Pan Capacity Hydraulic tank capacity Fuel tank	d on 23 November 2024 at 23:11 l
Max. capacity Operating Vegeth Unidaden weight Operating Capacity at 35% Tipping Load Operating Capacity at 35% Tipping Load Tipping capacity Weigh and dimensions Weigh and dimensions Owarall Operating Capacity At 50% Tipping Load Tipping capacity Weigh and dimensions Owarall Operating Height - Fully Raised 128 Dump Reach - Full Height 1	Metric
Diperating Weight Diperating Capacity at 35% Tipping Load Diperating Capacity At 50% Tipping Load Diperating Capacity At 50% Tipping Load Diperating Median Fully Raised Proping Capacity Weight and dimensions Weight and dimensions Dump Redian Fully Raised Dump Redian Fully Raised Dump Redian Fully Raised Dump Redian Fully Raised Dump Height Fully Raised Advantime Relians Angle Angle Relians Angle Angle Relians Angle Angle Angle Relians Angle	2398 kg
Unided weight Departing Capacity At 50% Tipping Load Departing Capacity Selection Weight and dimensions Weight and dimensions Departing Capacity Selection Departing Selection Selection Departing Selection	4128 kg
piperining Capacity At 50% Tipping Load pipping Load pipping Capacity Load Tipping Load pipping Capacity L	4128 kg
picerating Capacity At 50% Tipping Load Tipping Capacity	839 kg
Tipping capacity Weel) Generating Height Fully Raised Veelal (Operating Height) Veelal	1199 kg
Weight and dimensions Deciding Designing Height Fally Raised 128 Dump reach - Full height 128 Dump selbrit - Fully Raised 129 Maximum Roll theight 129 Maximum Roll theight to por RoPS Devental length with bucket Devental Length without Bucket 110 Specified Height to por RoPS 111 Specified Height 112 Specified Height 111 Specified Height 112 Specified Height 113 Specified Height 114 Specified Height 115 Specified Height 116 Specified Height 117 Specified Height 118 Specified Height 119 Specified Height 120 Specified Height 121 Specified Height 122 Specified Height 123 Specified Height 124 Specified Height 125 Specified Height 126 Specified Height 127 Specified Height 128 Specified Height 129 Specified Height 120 Spe	2398 kg
Deventil Operating Height Felily Raiseed 127 Height to Hinge Pin - Fully Raiseed 168 Dump angel at full height 169 Dump angel at full height 169 Dump angel at full height 169 Deventil Height to top of RODS 161 Deventil Height with bucket 160 Deventil Height with Devet 161 Deventil Height with Devet 161 Deventil Height to top of RODS 162 Deventil Height with Devet 163 Deventil Height to top of RODS 163 Deventil Height with Devet 164 Deventil Height to top of RODS 165 Deventil Heig	2390 kg
seight to Hinge Pin - Fully Raised ump nace - Full height file ump angle at full height a5 ump stelejht - Fully Raised h29 daximum Rollback Angle - Fully Raised h29 h29 h29 h21 h21 h21 h21 h21	4267 mm
Jump seels of full height a5 Jump selight Fully Raised haz 5 Jump selight Fully Raised haz 5 Jump selight Fully Raised haz 5 Jump selight Fully Raised haz 6 Jump selight Fully Raised haz 6 Jump selight Fully Raised haz 6 Jump selight Subset Subset 116 Jump selight Subset 116 Jump selight Subset 117 Jump selight Subse	3251 mm
Jump angle at full height Jump height Fully Raised Jump height Fully Raised Jump Height To Jump Raised Jump Raised Markange Fully Raised Jump Raised Markange Fully Raised Jump Height To Jump Raised Jump Height To Jump Raised Jump Height Will Height Jump angle at specified height Jump Angle of Departure with STD Counterweight Jump Height To Jump Raised Jugging Position Jungle of Departure with STD Counterweight Jugging Position Jungle of Departure with STD Counterweight Jungle of Departure with STD Counterweight Jungle of Departure with STD Counterweight Jungle of Reparture With Height To Jungle Office W	
Dump Height - Fully Raised	876 mm
Maximum Rollback Angle - Fully Raised Ad Verall Height to top of ROPS h17 bereal Length without Bucket Diveral Length without Bucket Diveral Length without Bucket Diveral Length without Bucket Sepceified Height Reach at Specified Height Ad Variety Position Ad Specified Height Ad Variety Position Ad Specified Relight Ad Variety Position Ad Variety	40.20 °
Dezall Height to top of ROPS	2489 mm
Dezeall length with bucket 11 person process 12	102.50 °
Devail Length without Bucket 11	2103 mm
Specified Height Reach at Specified Height At Appendix Aspecified Height At Appendix Aspecified Height Assembly Aspecified Height	3754 mm
Reach at Specified Height a17 Jump angle at specified height a17 Jump angle at specified height a17 Jump angle at specified height a18 Jump angle at Specified height a18 Jugging Position a14 Jugging Position a14 Jugging Position a14 Jugging Position a14 Jugging Position a18 Jugging	2921 mm
Dump angle at specified height after a specified height after a specified height and a spec	1715 mm
Carry Position ds in a 14 and Assimum Rollback Angle at Carry Position haz in a 14 and Assimum Rollback Angle at Carry Position haz in a 14 and Assimum Rollback Angle at Carry Position haz in a 14 and Assimum Rollback Angle at Carry Position haz in a 14 and Assimum Rollback Angle of Departure with STD Counterweight Stoud Clearance	790 mm
Maximum Rollback Angle at Carry Position h32 Angle of Departure with STD Counterweight Stround clearance m4 Track gauge b10 Track Shoe Width b20 Drawler base y2 Deveral width less bucket b1 B20	66.80 °
Digging Position Angle of Departure with STD Counterweight Ground clearance m4 Irack gauge b10 Irrack Shoe Width b20 Crawfer base y2 Veverall width less bucket b1 Bucket Width e1 Dlearance Radius - Front with Bucket Angle of Approach Grouser Height Irack Type / Track Rollers / Roller Type Performances Ground Speed - Two Speed Ground Speed - Single Speed Ground Speed - Single Speed Ground Speed - Single Speed Ground Speed - It Cylinder Bucket Breakout - Lift Cylinder Bucket	208 mm
Angle of Departure with STD Counterweight STOUR of Learance Track gauge bit0 Track Shoe Width bit0 Drawler base y2 Dowrall width less bucket bit1 Blocket Width et 1 Dearance Radius - Front with Bucket bit2 Angle of Approach a3 STOUSER Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Two Speed Doublewar Pull/Tractive Effort Bucket Breakout - Lift Cylinder Bucket Breakout - Lift Cylinder Bungine brand Engine model Motor Type Max. torque LC. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Dit Pan Capacity Hydraulic tank capacity Fuel tank England Fuel Lank Fuel	31.60 °
Angle of Departure with STD Counterweight STOUND clearance Track gauge bit0 Track Shoe Width b20 Crawler base y2 Overall width less bucket bit Blocket Width et Clearance Radius - Front with Bucket bit Angle of Approach a3 STOUSER Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Lift Cylinder Bucket Breakout - Lift Cylinder Bungine broad Engine model Motor Type Max. torque LC. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Dit Pan Capacity Hydraulic tank capacity Fuel tank England Fuel tank Fuel Capacity Fuel tank Fuel tank Fuel tank Fuel Capacity Fuel tank Fuel tank Fuel Capacity Fuel tank Fuel tank Fuel tank Fuel Capacity Fuel tank Fuel tank Fuel tank Fuel Capacity Fuel tank Fu	23 mm
Ground clearance m4 5100 Frack Stague	30.40 °
Track gauge Track gauge Track Shoe Width	318 mm
Track Shoe Width Track Shoe Width base y2 Doverall width less bucket b1 Bucket 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 - Single Speed Ground Speed - Wo Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Bucket Breakout - Lif	1313 mm
Crawler base	320 mm
Devail width less bucket 51 Bucket Width 61 Bucket Approach 61 Bucket Speper of Track Rollers / Roller Type Performances Ground Speed - Single Speed Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Titt Cylinder Bucket Breakout - Lift Cylinder Bucket Breakout - Lift Cylinder Bucket Breakout - Width 61 Bucket Breakout - Deverties 61 Bucket Breako	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 - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Congine Model Motor Type Ax Gross Power / Power Max. torque Loc. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Attemator - Voltage / Ampere Tank capacities Di Pan Capacity Hydraulic tank capacity Fuel tank	1636 mm
Clearance Radius - Front with Bucket Angle of Approach a3 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 Engine Engine brand Engine brand Engine wodel Motor Type Ax Gross Power / Power Net Power / Power Net Power / Power Ax. torque L.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Oil Pan Capacity Hydraulic tank capacity Fuel tank	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 - Tilt Cylinder Bucket Breakout - Lift Cylinder Bugine Brand Engine Engine Motor Type Ax Gross Power / Power Net Power / Power Net Power / Power L.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Atternator - Voltage / Ampere Tank capacities Oil Pan Capacity Hydraulic tank capacity Fuel tank	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 Engine Engine Engine Engine brand Engine model Motor Type Ax 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 Dil Pan Capacity Hydraulic tank capacity Fuel tank	90 °
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 Engine brand Engine brand Engine model Motor Type Ax 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 Dil Pan Capacity Hydraulic tank capacity Fuel tank	
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 Ax 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	25 mm
Ground Speed - Single Speed Ground Speed - Two Speed Drawbar Pull/Tractive Effort Bucket Breakout - Lift Cylinder Bucket Breakout - Lift Cylinder Engine Engine Engine brand Engine model Motor Type Gross 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 Dil Pan Capacity Hydraulic tank capacity Fuel tank	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 tank capacity Fuel tank	
Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine Engine brand Engine model Motor Type Ax 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 Dil Pan Capacity Hydraulic tank capacity Fuel tank	9.50 km/h
Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type Ax 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 Dil Pan Capacity Hydraulic tank capacity Fuel tank	14.20 km/h
Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type Ax 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 Dil Pan Capacity Hydraulic tank capacity Fuel tank	4635 kg
Engine brand Engine model Motor Type Ax 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	2429 kg
Engine brand Engine model Motor Type Ax 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	2275 kg
Engine model Motor Type Ax 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	
Motor Type 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	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	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	xial 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	51.70 kW @ 2500 rpm
Max. torque C.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	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	241 Nm
Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Fank capacities Dil Pan Capacity Hydraulic tank capacity Fuel tank	69.30 Hp
Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Tank capacities Dil Pan Capacity Hydraulic tank capacity Fuel tank	12 V
Altemator - Voltage / Ampere Fank capacities Dil Pan Capacity Hydraulic tank capacity Fuel tank	850 A
Fank capacities Dil Pan Capacity Hydraulic tank capacity Fuel tank	14 V / 100 A
Dil Pan Capacity Hydraulic tank capacity Fuel tank	14 1 7 100 A
-lydraulic tank capacity Euel tank	10.40 [
Fuel tank	10.40
	41.60
	911
iquid cooling tank volume	13.30
Displacement / Number of cylinders	3.301/4
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	
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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