Technical sheet:

## **1850RT**



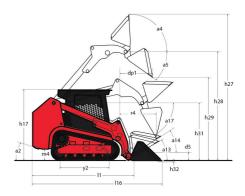


	<b>1850RT</b> (1	reated on 19 May 2024 at 1:41:52 AM U
Capacities		Metric
Max. capacity	Q	2398 kg
Operating Weight		4128 kg
Unladen weight		4128 kg
Operating Capacity at 35% Tipping Load		839 kg
Operating Capacity At 50% Tipping Load		1199 kg
Tipping capacity		2398 kg
Weight and dimensions		
Overall Operating Height - Fully Raised	h27	4267 mm
Height to Hinge Pin – Fully Raised	h28	3251 mm
Dump reach - Full height	r6	876 mm
Dump angle at full height	a5	40.20 °
Dump Height - Fully Raised	h29	2489 mm
Maximum Rollback Angle - Fully Raised	a4	102.50 °
Overall Height to top of ROPS	h17	2103 mm
Overall length with bucket	l16	3754 mm
Overall Length without Bucket	I1	2921 mm
Specified Height	h31	1715 mm
Reach at Specified Height	r4	790 mm
Dump angle at specified height	a17	66.80 °
Maximum Rollback Angle at Ground	a13	30 °
Carry Position	d5	208 mm
Maximum Rollback Angle at Carry Position	a14	31.60 °
Digging Position	h32	23 mm
Angle of Departure with STD Counterweight		30.40 °
Ground clearance	m4	318 mm
Frack gauge	b10	1313 mm
Frack Shoe Width	b20	320 mm
Crawler base	y2	1392 mm
Overall width less bucket	b1	1636 mm
Bucket Width	e1	1674 mm
Clearance Radius - Front with Bucket	b18	2322 mm
Clearance Circle - Rear	wa1	1666 mm
Maximum rollback at specified height		66.80 °
Angle of Approach	a3	90 °
Grouser Height	uo	25 mm
Track Type / Track Rollers / Roller Type		Rubber / 4 / Steel
Performances		Rubbel / 4 / Steel
		9.50 km/h
Ground Speed - Single Speed		9.30 km/h
Ground Speed - Two Speed		
Drawbar Pull/Tractive Effort		4635 kg
Bucket Breakout - Tilt Cylinder		2429 kg
Bucket Breakout - Lift Cylinder		2275 kg
Engine		
Engine brand		Yanmar
ngine model		4TNV98C-NMSL
Motor Type		Axial Piston with Planetary Gear Box Reduction
Gross Power / Power		51.70 kW @ 2500 rpm
Net Power / Power		51 kW / 2500 rpm
Max. torque		241 Nm
C. Engine power rating		69.30 Hp
Pattery voltage		12 V
and oraplica Arma at Tarana artery (OOA)		850 A
cold Cranking Amps at Temperature (CCA)		14 V / 100 A
- , , , ,		
Altemator - Voltage / Ampere		
Altemator - Voltage / Ampere Fank capacities		
Altemator - Voltage / Ampere  Fank capacities  Dil Pan Capacity		10.40 l
Alternator - Voltage / Ampere Fank capacities Dil Pan Capacity Hydraulic oil tank capacity		10.40 l 41.60 l
Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere  Tank capacities  Oil Pan Capacity  Hydraulic oil tank capacity  Freel tank  Coolant system capacity		10.40 l 41.60 l 91 l
Alternator - Voltage / Ampere  Tank capacities  Dil Pan Capacity  Hydraulic oil tank capacity  Fuel tank  Coolant system capacity		10.40   41.60   91   13.30
Alternator - Voltage / Ampere Fank capacities Dil Pan Capacity Hydraulic oil tank capacity Fuel tank		10.40 l 41.60 l 91 l

## 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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