Technical sheet :







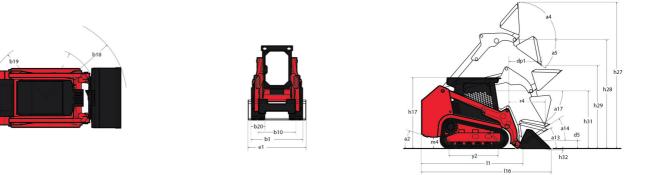
	1850RT
Capacities	
Max. capacity	Q
Operating Weight	-
Unladen weight	
Operating Capacity at 35% Tipping Load	
Operating Capacity At 50% Tipping Load	
Tipping capacity	
Weight and dimensions	
Overall Operating Height - Fully Raised	h27
Height to Hinge Pin – Fully Raised	h28
Dump reach - Full height	гб
Dump angle at full height	a5
Dump Height - Fully Raised	h29
Maximum Rollback Angle - Fully Raised	a4
Overall Height to top of ROPS	h17
Overall length with bucket	116
Overall Length without Bucket	1
Specified Height	h31
Reach at Specified Height	r4
Dump angle at specified height	a17
Maximum Rollback Angle at Ground	a13
Carry Position	d5
Maximum Rollback Angle at Carry Position	a14
	h32
Digging Position	1132
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 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 - Two Speed	
Drawbar Pull/Tractive Effort	
Bucket Breakout - Tilt Cylinder	
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	
Displacement / Number of cylinders	
Miscellaneous	
Ground Pressure	

	Motrie
	Metric
	2398 kg
	4128 kg
	4128 kg
	839 kg
	1199 kg
	2398 kg
	4267 mm
	3251 mm
	876 mm
	40.20 °
	2489 mm
	102.50 °
	2103 mm
	3754 mm
	2921 mm
	1715 mm
	790 mm
	66.80 °
	30 °
	208 mm
	31.60 °
	23 mm
	30.40 °
	318 mm
	1313 mm
	320 mm
	1392 mm
	1636 mm
	1674 mm
	2322 mm
	1666 mm
	66.80 °
	90 °
	25 mm
	Rubber / 4 / Steel
	Rubber / 4 / Steel
	Rubber / 4 / Steel 9.50 km/h
	Rubber / 4 / Steel 9.50 km/h 14.20 km/h
	Rubber / 4 / Steel 9.50 km/h 14.20 km/h 4635 kg
	Rubber / 4 / Steel 9.50 km/h 14.20 km/h 4635 kg 2429 kg
	Rubber / 4 / Steel 9.50 km/h 14.20 km/h 4635 kg
	Rubber / 4 / Steel 9.50 km/h 14.20 km/h 4635 kg 2429 kg 2275 kg
	Rubber / 4 / Steel 9.50 km/h 14.20 km/h 4635 kg 2429 kg 2275 kg Yanmar
•	Rubber / 4 / Steel   9.50 km/h   14.20 km/h   4635 kg   2429 kg   2275 kg   Yanmar   4TNV98C-NMSL
	Rubber / 4 / Steel 9.50 km/h 14.20 km/h 4635 kg 2429 kg 2275 kg Yanmar 4TNV98C-NMSL Axial Piston with Planetary Gear Box Reduction
	Rubber / 4 / Steel 9.50 km/h 14.20 km/h 4635 kg 2429 kg 2275 kg Yanmar 4TNV98C-NMSL Axial Piston with Planetary Gear Box Reduction 51.70 kW @ 2500 rpm
	Rubber / 4 / Steel 9.50 km/h 14.20 km/h 4635 kg 2429 kg 2275 kg Yanmar 4TNV98C-NMSL Axial Piston with Planetary Gear Box Reduction 51.70 kW @ 2500 rpm 51 kW / 2500 rpm
	Rubber / 4 / Steel 9.50 km/h 14.20 km/h 4635 kg 2429 kg 2275 kg Yanmar 4TNV98C-NMSL Axial Piston with Planetary Gear Box Reduction 51.70 kW @ 2500 rpm 51 kW / 2500 rpm
	Rubber / 4 / Steel 9.50 km/h 14.20 km/h 4635 kg 2429 kg 2275 kg Yanmar 4TNV98C-NMSL Axial Piston with Planetary Gear Box Reduction 51.70 kW @ 2500 rpm 51 kW / 2500 rpm
	Rubber / 4 / Steel 9.50 km/h 14.20 km/h 4635 kg 2429 kg 2275 kg Yanmar 4TNV98C-NMSL Axial Piston with Planetary Gear Box Reduction 51.70 kW @ 2500 rpm 51 kW / 2500 rpm
	Kubber / 4 / Steel   9.50 km/h   14.20 km/h   4635 kg   2429 kg   2275 kg   Yanmar   4TNV98C-NMSL   Axial Piston with Planetary Gear Box Reduction   51.70 kW @ 2500 pm   51 kW / 2500 pm   241 Nm   69.30 Hp
	Kubber / 4 / Steel   9.50 km/h   14.20 km/h   4635 kg   2429 kg   2275 kg   Yanmar   4TNV98C-NMSL   Axial Piston with Planetary Gear Box Reduction   51.70 kW @ 2500 pm   51 kW / 2500 pm   241 Nm   69.30 Hp   12 V
	Kubber / 4 / Steel   9.50 km/h   14.20 km/h   4635 kg   2429 kg   2275 kg   Yanmar   4TNV98C-NMSL   Axial Piston with Planetary Gear Box Reduction   51.70 kW @ 2500 pm   51 kW / 2500 pm   241 Nm   69.30 Hp   12 V   850 A
	Yanmar   41.20 km/h   14.20 km/h   14.20 km/h   4635 kg   2429 kg   2275 kg   Yanmar   4TNV98C-NMSL   Axial Piston with Planetary Gear Box Reduction   51.70 kW @ 2500 rpm   241 Nm   69.30 Hp   12 V   850 A   14 V / 100 A
	Kubber / 4 / Steel   9.50 km/h   14.20 km/h   4635 kg   2429 kg   2429 kg   2275 kg   Yanmar   4TNV98C-NMSL   Axial Piston with Planetary Gear Box Reduction   51.70 kW @ 2500 pm   241 Nm   69.30 Hp   12 V   850 A   14 V / 100 A
	Yanmar   41.20 km/h   14.20 km/h   14.20 km/h   4635 kg   2429 kg   2275 kg   Yanmar   4TNV98C-NMSL   Axial Piston with Planetary Gear Box Reduction   51.70 kW @ 2500 rpm   241 Nm   69.30 Hp   12 V   850 A   14 V / 100 A

13.30 l 3.30 l / 4 0.43 bar

## 1850RT Created on May 18, 2024 at 9:10:22 AM UTC

## 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 <sup>™</sup> 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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