Technical sheet:

1650RT



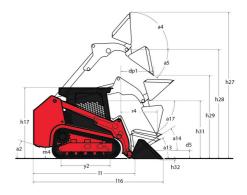


	1650RT Created on July 23, 2025 at 1	11:01 AM UT(
Capacities	Metric	
Operating Weight	3638 kg	
Unladen weight	3638 kg	
Operating Capacity at 35% Tipping Load	748 kg	
Operating Capacity At 50% Tipping Load	1069 kg	
Tipping capacity	2139 kg	
Weight and dimensions		
Overall Operating Height - Fully Raised	h27 4008 mm	
Height to Hinge Pin - Fully Raised	h28 3038 mm	
Dump reach - Full height	r6 641 mm	
Dump angle at full height	a5 39 °	
Dump Height - Fully Raised	h29 2329 mm	
Maximum Rollback Angle - Fully Raised	a4 98°	
· · · · · · · · · · · · · · · · · · ·		
Overall Height to top of ROPS	h17 1969 mm	
Overall length with bucket	l16 3205 mm	
Overall Length without Bucket	l1 2393 mm	
Specified Height	h31 1638 mm	
Reach at Specified Height	r4 559 mm	
Dump angle at specified height	a17 73 °	
Carry Position	d5 198 mm	
Maximum Rollback Angle at Carry Position	a14 28 °	
Digging Position	h32 53 mm	
Angle of Departure with STD Counterweight	28 °	
Ground clearance	m4 185 mm	
Track gauge	b10 1356 mm	
Track Shoe Width	b20 320 mm	
Crawler base	y2 1265 mm	
Overall width less bucket	b1 1676 mm	
Bucket Width	e1 1676 mm	
Clearance Radius - Front with Bucket	b18 1979 mm	
Angle of Approach	a3 90°	
Grouser Height	25 mm	
Track Type / Track Rollers / Roller Type	Rubber / 3 / Steel	
Performances		
Ground Speed - Single Speed	10.50 km/h	
Ground Speed - Two Speed	16.10 km/h	
Drawbar Pull/Tractive Effort	4345 kg	
Bucket Breakout - Tilt Cylinder	1919 kg	
Bucket Breakout - Lift Cylinder	2295 kg	
Engine		
Engine brand	Yanmar	
Engine model	4TNV98C-NMS2	
Motor Type	Radial Piston	
Gross Power / Power	51.70 kW @ 2500 rpn	n
Net Power / Power	51.70 kW @ 2300 rpm	
Max. torque	241 Nm	
I.C. Engine power rating	69.30 Hp	
Battery voltage	12 V	
Cold Cranking Amps at Temperature (CCA)	950 A	
Alternator - Voltage / Ampere Hydraulics	12 V / 100 A	
· · · · · · · · · · · · · · · · · · ·	71 I/min	
Standard flow - Auxiliary hydraulics Tank capacities	71 l/min	
<u> </u>	91	
Oil Pan Capacity		
Hydraulic tank capacity	391	
Fuel tank	62.50	
Liquid cooling tank volume	12.90	
Displacement / Number of cylinders	3.301/4	
Miscellaneous		
Ground Pressure	0.45 bar	

1650RT - 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
Servo-Controlled Hydrostatic Drive	Standard
Two-Speed Hydrostatic Drive System	Standard
Operator station	
Air suspension seat	Optional
Foot Throttle	Standard
Full-Suspension Seat	Standard
Multi-Function Display Screen	Standard
Pressurized Cab Enclosure with A/C	Optional
Rearview Camera	Optional
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	Optional
Easy Manager	Standard
Engine Alert System with Error Display	Standard
Mechanical Lift Cylinder Lock	Standard





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