Technical sheet:

2150RT



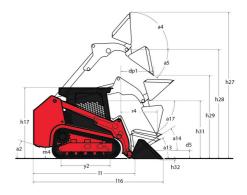


	2150RT Created on May 18, 2024 at 6:55:14 AM
Capacities	Metric
Max. capacity	Q 2787 kg
Operating Weight	4491 kg
Unladen weight	4491 kg
Operating Capacity at 35% Tipping Load	975 kg
Operating Capacity At 50% Tipping Load	1393 kg
Tipping capacity	2787 kg
Weight and dimensions	2707 kg
Overall Operating Height - Fully Raised	h27 4267 mm
Height to Hinge Pin - Fully Raised	h28 3251 mm
Dump reach - Full height Dump angle at full height	r6 876 mm a5 39 °
Dump Height - Fully Raised	h29 2489 mm
Maximum Rollback Angle - Fully Raised	a4 102.50 °
Overall Height to top of ROPS	h17 2111 mm
Overall length with bucket	l16 3769 mm
Departure angle	a2 29.20 °
Overall Length without Bucket	l1 2959 mm
Specified Height	h31 1720 mm
Reach at Specified Height	r4 795 mm
Dump angle at specified height	a17 75°
Maximum Rollback Angle at Ground	a13 30 °
Carry Position	d5 208 mm
Maximum Rollback Angle at Carry Position	a14 31.60°
Digging Position	h32 16 mm
Angle of Departure with STD Counterweight	29.20 °
Ground clearance	m4 320 mm
Track gauge	b10 1313 mm
Track Shoe Width	b20 450 mm
Crawler base	y2 1483 mm
Overall width less bucket	b1 1765 mm
Bucket Width	e1 1877 mm
Clearance Radius - Front with Bucket	b18 2403 mm
Clearance Circle - Rear	
Maximum rollback at specified height	66.80 °
Angle of Approach	a3 90 °
Grouser Height	25 mm
Track Type / Track Rollers / Roller Type	Rubber / 5 / Steel
Performances	
Ground Speed - Single Speed	9.50 km/h
Ground Speed - Two Speed	14.20 km/h
Drawbar Pull/Tractive Effort	5503 kg
Bucket Breakout - Tilt Cylinder	3008 kg
Bucket Breakout - Lift Cylinder	2940 kg
Engine	
Engine brand	Yanmar
Engine model	TNV98CT-NMSL
Motor Type	Axial Piston with Planetary Gear Box Reduction
Gross Power / Power	53.70 kW @ 2500 rpm
Net Power / Power	52.70 kW / 2500 rpm
Max. torque	294 Nm
I.C. Engine power rating	72 Hp
Battery voltage	12 V
Cold Cranking Amps at Temperature (CCA)	850 A
Alternator - Voltage / Ampere	14 V / 100 A
Hydraulics	14 V / 100 A
Standard flow - Auxiliary hydraulics	82.51 I/min
	82.51 I/min
Tank capacities	40.401
Oil Pan Capacity	10.40
Hydraulic oil tank capacity	52.20
Fuel tank	91
Coolant system capacity	14.40
Displacement / Number of cylinders	3.30 / 4
Noise and vibration	
Noise to environment (LwA)	103 dB
Noise at driving position (LpA)	83 dB
Miscellaneous	
Ground Pressure	0.33 bar

2150RT - 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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