Technical sheet :



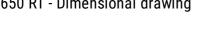


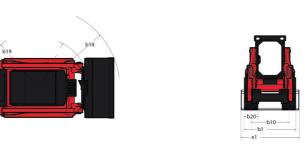


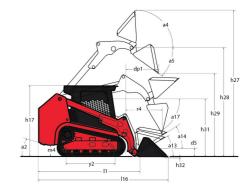
650 RT	Created on	March 17	, 2023 at	5:57:45	PM UTC
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	1650 RT Cleated Off March 17, 2023 at 3	5.57.451 101010
Capacities	Imperial	
Operating Weight	8020 lb	
Unladen weight	8020 lb	
Operating Capacity at 35% Tipping Load	1649 lb	
Operating Capacity At 50% Tipping Load	2357 lb	
Tipping capacity	4716 lb	
Weight and dimensions		
Overall Operating Height - Fully Raised	h27 158 in	
Height to Hinge Pin – Fully Raised	h28 120 in	
Reach - Fully Raised	dp1 25 in	
Dump angle at full height	a5 39 °	
Dump Height - Fully Raised	h29 92 in	
Maximum Rollback Angle - Fully Raised	a4 98 °	
Overall Height to Top of ROPS	h17 78 in	
Overall length with bucket		
Overall Length without Bucket	l1 94 in	
Specified Height	h31 64 in	
Reach at Specified Height	r4 22 in	
Dump angle at specified height	a17 73 °	
Maximum Rollback Angle at Ground	a13 28 °	
Carry Position	d5 8 in	
Maximum Rollback Angle at Carry Position	a14 28 °	
Digging Position	h32 2 in	
Angle of Departure with STD Counterweight	28 °	
Ground clearance	m4 7 in	
Track gauge	b10 53 in	
Track Shoe Width	b20 13 in	
Crawler base	y2 50 in	
Overall width less bucket	b1 66 in	
Bucket Width	e1 66 in	
Clearance Radius - Front with Bucket	b18 78 in	
Clearance Circle - Rear	wa1 57 in	
Maximum rollback at specified height	62 °	
Angle of Approach		
Grouser Height	0.98 in	
Track Type / Track Rollers / Roller Type	Rubber / 3 / Ste	el
Performances		
Ground Speed - Single Speed	7 mi/h	
Ground Speed - Two Speed	10 mi/h	
Drawbar Pull/Tractive Effort	9579 lb	
Bucket Breakout - Tilt Cylinder	4231 lb	
Bucket Breakout - Lift Cylinder	5060 lb	
Engine		
Engine brand	Yanmar	
Engine model	4TNV98C-NMS2	2
Motor Type	Radial Piston	
Gross Power (kW) / Power	52 kW @ 2500 rp	m
Net Power (kW) / Power	51 kW / 2500 p	m
Max. torque	178 ft/lbs	
Battery	12 V	
Cold Cranking Amps at Temperature (CCA)	950 A	
Alternator - Voltage / Ampere	12 V / 100 A	
Hydraulics	12 V/ 100 A	
Standard flow - Auxiliary hydraulics	19 US gpm	
Tank capacities		
Oil Pan Capacity	2 US gal	
Hydraulic tank capacity	10 US gal	
Fuel tank	17 US gal	
Coolant system capacity	3 US gal	
Displacement / Number of cylinders	0.87 US gal / 4	
Miscellaneous		
Ground Pressure	7 PSI	

1650 RT - Dimensional drawing







Equipment

Lifting function	Standard
All-Tach® Attachment Mounting System	
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	
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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