Technical sheet :







	1650RT C	Created
Capacities		
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	r6	
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	11	
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	
Digging Position	h32	
Angle of Departure with STD Counterweight	1132	
Ground clearance	m4	
Track gauge	b10	
Track Shoe Width	b10	
Crawler base	y2	
Overall width less bucket	b1	
Bucket Width		
Clearance Radius - Front with Bucket	e1 b18	
Clearance Circle - Rear	wa1	
Maximum rollback at specified height	Wd I	
	c ²	
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		
Hydraulics Standard Rev. Auvilian kydraulian		
Standard flow - Auxiliary hydraulics		
Tank capacities		
Oil Pan Capacity		
Hydraulic oil tank capacity		
Fuel tank		
Coolant system capacity		
Displacement / Number of cylinders		
Miscellaneous		
Ground Pressure		

1650RT Created on May 18, 2024 at 12:46:14 PM UTC

Metric 3638 kg 3638 kg

748 kg 1069 kg

2139 kg 4008 mm 3038 mm

641 mm

39 °

2329 mm 98 °

1969 mm 3205 mm

2393 mm 1638 mm

559 mm

73 °

28 °

198 mm

28 °

53 mm

28 ° 185 mm

1356 mm 320 mm

1265 mm

1676 mm

1676 mm

1979 mm

1440 mm 62 °

90 ° 25 mm

Rubber / 3 / Steel

10.50 km/h 16.10 km/h

4345 kg 1919 kg

2295 kg Yanmar

4TNV98C-NMS2

Radial Piston

51.70 kW @ 2500 rpm

51 kW / 2500 rpm

241 Nm 69.30 Hp

12 V

950 A 12 V / 100 A

71 l/min

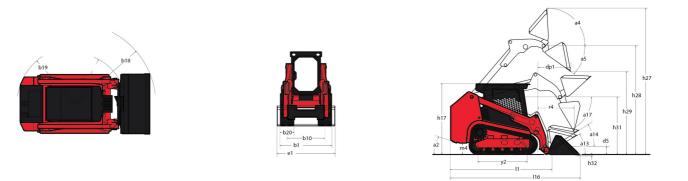
9 | 39 |

62.50 l 12.90 l

3.30 | / 4

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	
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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