Technical sheet:

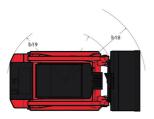
## **1650RT**



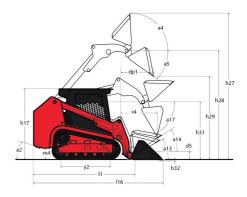


	1650RT Created	on 22 December 2024 at 5:11 AM UTC
Capacities		Metric
Operating Weight		3638 kg
Unladen weight		3638 kg
Operating Capacity at 35% Tipping Load		748 kg
Operating Capacity At 50% Tipping Load		1069 kg
Tipping capacity		2139 kg
Weight and dimensions		
Overall Operating Height - Fully Raised	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	116	3205 mm
		2393 mm
Overall Length without Bucket		2393 mm
Specified Height		
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		10 50 km/h
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 rpm
Not Power / Power		51 kW / 2500 rpm
Net Power / Power		241 Nm
		241 14111
Max. torque		69.30 Hp
Max. torque  I.C. Engine power rating  Battery voltage		
Max. torque I.C. Engine power rating		69.30 Hp
Max. torque I.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere		69.30 Hp 12 V
Max. torque I.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Hydraulics		69.30 Hp 12 V 950 A 12 V / 100 A
Max. torque I.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Hydraulics Standard flow - Auxiliary hydraulics		69.30 Hp 12 V 950 A
Max. torque  I.C. Engine power rating  Battery voltage  Cold Cranking Amps at Temperature (CCA)  Alternator - Voltage / Ampere  Hydraulics  Standard flow - Auxiliary hydraulics  Tank capacities		69.30 Hp 12 V 950 A 12 V / 100 A 71 l/min
Max. torque  I.C. Engine power rating  Battery voltage  Cold Cranking Amps at Temperature (CCA)  Alternator - Voltage / Ampere  Hydraulics  Standard flow - Auxiliary hydraulics  Tank capacities  Oil Pan Capacity		69.30 Hp 12 V 950 A 12 V / 100 A 71 l/min 9 l
Max. torque  I.C. Engine power rating  Battery voltage  Cold Cranking Amps at Temperature (CCA)  Alternator - Voltage / Ampere  Hydraulics  Standard flow - Auxiliary hydraulics  Tank capacities  Oil Pan Capacity  Hydraulic tank capacity		69.30 Hp 12 V 950 A 12 V / 100 A 71 l/min 9 l 39 l
Max. torque  I.C. Engine power rating  Battery voltage  Cold Cranking Amps at Temperature (CCA)  Alternator - Voltage / Ampere  Hydraulics  Standard flow - Auxiliary hydraulics  Tank capacities  Oil Pan Capacity  Hydraulic tank capacity  Fuel tank		69.30 Hp 12 V 950 A 12 V / 100 A 71 I/min 9 I 39 I 62.50 I
Max. torque  I.C. Engine power rating  Battery voltage  Cold Cranking Amps at Temperature (CCA)  Altemator - Voltage / Ampere  Hydraulics  Standard flow - Auxiliary hydraulics  Tank capacities  Oil Pan Capacity  Hydraulic tank capacity  Fuel tank  Liquid cooling tank volume		69.30 Hp 12 V 950 A 12 V / 100 A  71 I/min 9 I 39 I 62.50 I 12.90 I
Max. torque  I.C. Engine power rating  Battery voltage  Cold Cranking Amps at Temperature (CCA)  Alternator - Voltage / Ampere  Hydraulics  Standard flow - Auxiliary hydraulics		69.30 Hp 12 V 950 A 12 V / 100 A 71 l/min 9 l 39 l 62.50 l

## 1650RT - Dimensional drawing







## **Equipment**

-	
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





## **Head Office**

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