Technical sheet :





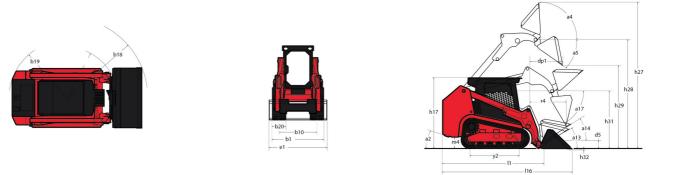


Capacities Operating Weight Unladen weight Operating Capacity at 35% Tipping Load Operating Capacity At 50% Tipping Load Tipping capacity Weight and dimensions Overall Operating Height - Fully Raised Height to Hinge Pin - Fully Raised Dump reach - Full height Dump angle at full height Dump Height - Fully Raised Maximum Rollback Angle - Fully Raised Overall length with bucket Overall length without Bucket Specified Height Dump angle at specified height Curry Position Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight	h27 h28 r6 a5 h29 a4 h17 l16 i1 h31 r4 a17 d5 a14 h32	
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 Height to Hinge Pin - Fully Raised Dump reach - Full height Dump reach - Full height Dump reach - Full kaised Overall Operating Height - Fully Raised Overall Uperating Height - Fully Raised Overall Specified Height Oump angle at full height Overall Height to top of ROPS Overall Length without Bucket Overall Length without Bucket Overall Length Height Dump angle at specified Height Dump angle at specified height Carry Position Maximum Rollback Angle at Carry Position Digging Position	h28 r6 a5 h29 a4 h17 116 11 h31 r4 a17 d5 a14	
Operating Capacity at 35% Tipping LoadOperating Capacity At 50% Tipping LoadTipping capacityWelght and dimensionsOverall Operating Height - Fully RaisedHeight to Hinge Pin - Fully RaisedDump reach - Full heightDump angle at full heightDump angle at full heightOverall Height to top of ROPSOverall length without BucketOverall lengthSpecified HeightDump angle at specified heightDump reach at Specified heightDirect and the specified heightDump reach at Specified heightDump reach at Specified heightDump angle at specified heightDump reach at Specified heightCarry PositionMaximum Rollback Angle at Carry PositionDigging Position	h28 r6 a5 h29 a4 h17 116 11 h31 r4 a17 d5 a14	
Operating Capacity at 35% Tipping LoadOperating Capacity At 50% Tipping LoadTipping capacityWelght and dimensionsOverall Operating Height - Fully RaisedHeight to Hinge Pin - Fully RaisedDump reach - Full heightDump angle at full heightDump angle at full heightOverall Height to top of ROPSOverall length without BucketOverall lengthSpecified HeightDump angle at specified heightDump reach at Specified heightDirect and the specified heightDump reach at Specified heightDump reach at Specified heightDump angle at specified heightDump reach at Specified heightCarry PositionMaximum Rollback Angle at Carry PositionDigging Position	h28 r6 a5 h29 a4 h17 116 11 h31 r4 a17 d5 a14	
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Weight and dimensions Overall Operating Height - Fully Raised Height to Hinge Pin - Fully Raised Dump reach - Full height Dump angle at full height Dump Height - Fully Raised Maximum Rollback Angle - Fully Raised Overall Height to top of ROPS Overall length with bucket Overall Length without Bucket Specified Height Dump angle at specified height Carry Position Maximum Rollback Angle at Carry Position Digging Position	h28 r6 a5 h29 a4 h17 116 11 h31 r4 a17 d5 a14	
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Overall Operating Height - Fully RaisedHeight to Hinge Pin - Fully RaisedDump reach - Full heightDump angle at full heightDump Height - Fully RaisedMaximum Rollback Angle - Fully RaisedOverall Height to top of ROPSOverall length with bucketOverall Length without BucketSpecified HeightReach at Specified HeightCarry PositionMaximum Rollback Angle at Carry PositionDigging Position	h28 r6 a5 h29 a4 h17 116 11 h31 r4 a17 d5 a14	
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Dump Height - Fully Raised Maximum Rollback Angle - Fully Raised Overall Height to top of ROPS Overall Length with bucket Overall Length without Bucket Specified Height Reach at Specified Height Dump angle at specified height Carry Position Maximum Rollback Angle at Carry Position	a4 h17 116 11 h31 r4 a17 d5 a14	
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Reach at Specified Height Dump angle at specified height Carry Position Maximum Rollback Angle at Carry Position Digging Position	r4 a17 d5 a14	
Dump angle at specified height Carry Position Maximum Rollback Angle at Carry Position Digging Position	a17 d5 a14	
Carry Position Maximum Rollback Angle at Carry Position Digging Position	d5 a14	
Maximum Rollback Angle at Carry Position Digging Position	a14	
Digging Position		
5		
Ground clearance	m4	
Track gauge	b10	
Track Shoe Width	b20	
Crawler base	y2	
Overall width less bucket	b1	
Bucket Width	e1	
Clearance Radius - Front with Bucket	b18	
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 flow - Auxiliary hydraulics		
Tank capacities		
Oil Pan Capacity		
Hydraulic tank capacity		
Fuel tank		
Liquid cooling tank volume		
Displacement / Number of cylinders		
Miscellaneous		
Ground Pressure		

Metric 3638 kg

	5050 Kg
	3638 kg
	748 kg
	1069 kg
	2139 kg
າ27	4008 mm
128	3038 mm
r6	641 mm
	39 °
a5	
129	2329 mm
a4	98 °
າ17	1969 mm
116	3205 mm
11	2393 mm
131	1638 mm
r4	559 mm
a17	73 °
d5	198 mm
a14	28 °
132	53 mm
	28 °
m4	185 mm
o10	1356 mm
o20	320 mm
y2	1265 mm
b1	1676 mm
e1	1676 mm
518	1979 mm
a3	90 °
40	25 mm
	Rubber / 3 / Steel
	Rubber / 3 / Steel
	10 E0 km/b
	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
	91
	39
	62.50 I
	12.90
	3.301/4
	0.45 bar
	0.40 bai

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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