Technical sheet :





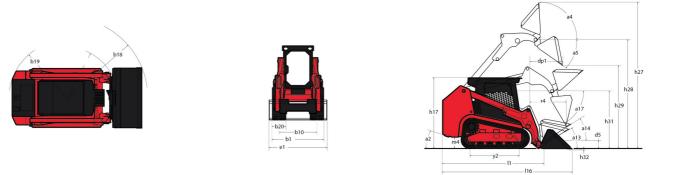


Capacities         Operating Weight         Unladen weight         Operating Capacity at 35% Tipping Load         Operating Capacity At 50% Tipping Load         Tipping capacity         Weight and dimensions         Overall Operating Height - Fully Raised         Height to Hinge Pin - Fully Raised         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 heightDump reach at Specified heightDump reach at Specified heightDump angle 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 heightDump reach at Specified heightDump reach at Specified heightDump angle at specified heightCarry PositionMaximum Rollback Angle at Carry PositionDigging Position	h28 r6 a5 h29 a4 h17 116 11 h31 r4 a17 d5 a14	
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 Height to top of ROPS Overall Length without Bucket Specified Height Reach 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	
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	
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 HeightDump angle at specified heightCarry PositionMaximum Rollback Angle at Carry PositionDigging Position	h28 r6 a5 h29 a4 h17 116 11 h31 r4 a17 d5 a14	
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	
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 without Bucket         Specified Height         Reach at Specified Height         Cump angle at specified height         Camy Position         Maximum Rollback Angle at Camy Position         Digging Position	h28 r6 a5 h29 a4 h17 116 11 h31 r4 a17 d5 a14	
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         Reach at Specified Height         Carry Position         Maximum Rollback Angle at Carry Position         Digging Position	a5 h29 a4 h17 116 11 h31 r4 a17 d5 a14	
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         Reach at Specified Height         Dump angle at specified height         Carry Position         Maximum Rollback Angle at Carry Position         Digging Position	h29 a4 h17 116 11 h31 r4 a17 d5 a14	
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	
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 Digging Position	h17 116 11 h31 r4 a17 d5 a14	
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         Digging Position	116 11 h31 r4 a17 d5 a14	
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 Digging Position	116 11 h31 r4 a17 d5 a14	
Overall Leigth without Bucket Specified Height Reach at Specified Height Dump angle at specified height Carry Position Maximum Rollback Angle at Carry Position Digging Position	11 h31 r4 a17 d5 a14	
Specified Height Reach at Specified Height Dump angle at specified height Carry Position Maximum Rollback Angle at Carry Position Digging Position	h31 r4 a17 d5 a14	
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

	o o o kg	
	3638 kg	
	748 kg	
	1069 kg	
	2139 kg	
127	4008 mm	
128	3038 mm	
rб	641 mm	
a5	39 °	
129	2329 mm	
	98 °	
a4		
17	1969 mm	
16	3205 mm	
11	2393 mm	
131	1638 mm	
r4	559 mm	
17	73 °	
d5	198 mm	
14	28 °	
132	53 mm	
	28 °	
m4	185 mm	
010	1356 mm	
020	320 mm	
	1265 mm	
у2 ь1	1676 mm	
b1	1676 mm	
e1		
18	1979 mm	
a3	90 °	
	25 mm	
	Rubber / 3 / Steel	
	Rubber / 3 / Steel	
	Rubber / 3 / Steel 10.50 km/h	
-	Rubber / 3 / Steel	
	Rubber / 3 / Steel 10.50 km/h	
	Rubber / 3 / Steel 10.50 km/h 16.10 km/h	
	Rubber / 3 / Steel 10.50 km/h 16.10 km/h 4345 kg	
	Rubber / 3 / Steel 10.50 km/h 16.10 km/h 4345 kg 1919 kg	
	Rubber / 3 / Steel 10.50 km/h 16.10 km/h 4345 kg 1919 kg	
	Rubber / 3 / Steel 10.50 km/h 16.10 km/h 4345 kg 1919 kg 2295 kg	
	Rubber / 3 / Steel 10.50 km/h 16.10 km/h 4345 kg 1919 kg 2295 kg Yanmar	
	Rubber / 3 / Steel           10.50 km/h           16.10 km/h           4345 kg           1919 kg           2295 kg           Yanmar           4TNV98C-NMS2           Radial Piston	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	Rubber / 3 / Steel 10.50 km/h 16.10 km/h 4345 kg 1919 kg 2295 kg Yanmar 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	
	Rubber / 3 / Steel 10.50 km/h 16.10 km/h 4345 kg 1919 kg 2295 kg Yanmar 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	
	Rubber / 3 / Steel 10.50 km/h 16.10 km/h 4345 kg 1919 kg 2295 kg Yanmar 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	
	Rubber / 3 / Steel 10.50 km/h 16.10 km/h 4345 kg 1919 kg 2295 kg Yanmar 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	
	Rubber / 3 / Steel 10.50 km/h 16.10 km/h 4345 kg 1919 kg 2295 kg Yanmar 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 l 39 l	
	Rubber / 3 / Steel           10.50 km/h           16.10 km/h           4345 kg           1919 kg           2295 kg           Yanmar           YATNV98C-NMS2           Radial Piston           51.70 kW @ 2500 rpm           241 Nm           69.30 Hp           12 V           950 A           71 l/min           9 l           39 l           62.50 l	
	Rubber / 3 / Steel           10.50 km/h           16.10 km/h           4345 kg           1919 kg           2295 kg           Yanmar           YATNV98C-NMS2           Radial Piston           51.70 kW @ 2500 rpm           241 Nm           69.30 Hp           12 V           950 A           71 l/min           9 l           39 l           62.50 l           12.90 l	
	Rubber / 3 / Steel           10.50 km/h           16.10 km/h           4345 kg           1919 kg           2295 kg           Yanmar           YATNV98C-NMS2           Radial Piston           51.70 kW @ 2500 rpm           241 Nm           69.30 Hp           12 V           950 A           71 l/min           9 l           39 l           62.50 l           12.90 l	

## 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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