Technical sheet :







Capacities Operating Weight Unladen weight Operating Capacity at 35% Tipping Load Operating Capacity at 35% Tipping Load Tipping capacity Weight and dimensions Operating Capacity at 50% Tipping Load Weight and dimensions Operating Capacity Height - Fully Raised Height to Hinge Pin - Fully Raised Dump neight - Fully Raised Dump height - Fully Raised Maximum Rollback Angle - Fully Raised Overall Height to top of ROPS Overall Height without Rucket Specified Height Reach at Specified Height Dump height - Sully Raised Overall Length without Rucket Specified Height Reach at Specified Height Carp Position Maximum Rollback Angle at Cary Position Digging Position Angle of Departure with STD Counterweight Ground Clearance Track gauge Track Spec Width Crawler base Overall Width Less bucket Bucket Width Clearance Radius - Front with Bucket Angle of Approach G	h27 h28 r6 a5 h29	
Unladen weight Operating Capacity at 35% Tipping Load Operating Capacity at 35% Tipping Load Tipping capacity Weight and dimensions Overall Operating Height Fully Raised Height to Hinge Pin - Fully Raised Dump ange Ar full height Dump Areid Tull height Dump Height - Fully Raised Overall Operating Height - Fully Raised Overall Eight to top of ROPS Overall Height to top of ROPS Overall Eight without Bucket Overall Specified Height Carp Position Rach at Specified Height Carp Position Maximum Rollback Angle at Carp Position Digging Position Angle of Departure with SDD Counterweight Ground Clearance Carder base Overall With Durket Xuth Clearance Radius - Front with Bucket Angle of Approach Angle of Approach Grouper Height Clearance Radius - Front with Bucket Angle of Approach Grouper Height Clearance Radius - Front with Bucket Angle of Approach Grouper	h28 r6 a5	
Operating Capacity at 35% Tipping Load Tipping capacity Weight and dimensions Overall operating Height - Fully Raised Pump reach - Full height Dump reach - Full height Dump height - Fully Raised Maximum Rollback Angle - Fully Raised Overall Operating Height - Fully Raised Overall Length withbuck th Overall Length withbuck th Overall Length without Bucket Overall Length without Bucket Dump and at specified height Dump and to the full to top of ROPS Overall Length without Bucket Overall Length without Bucket Dump and at specified height Carry Position Maximum Rollback Angle at Carry Position Digging Position Carde Learance Track Shoe Width Crawler base Overall With less bucket Devel Width Clearance Radius - Front with Bucket Angle of Approach Grouxer Height Clearance Radius - Front with Bucket Angle of Approach Grouxer Height Clearance Radius - Front With Bucket Angle of Approach <td>h28 r6 a5</td> <td></td>	h28 r6 a5	
Operating Capacity At 50% Tipping Load Tipping capacity Weight and dimensions Overall Operating Height Fully Raised Bump reach - Full height Dump reach - Full height Dump Height - Fully Raised Maximum Rollback Angle - Fully Raised Overall Height to top of ROPS Overall Height to top of ROPS Overall Leight without Bucket Specified Height Dump angle at specified height Dump angle at specified height Dump angle at Carry Position Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight Ground Clearance Track gauge Track Sale Overall With Less bucket Bucket With Clearance Radius - Front with Bucket Angle of Approach Ground Clearance Track Type / Track Rollers / Roller Type Performances Ground Speed - Front with Bucket Angle of Approach Ground Speed - Single Speed	h28 r6 a5	-
Tipping capacity Weight and dimensions Overall Operating Height - Fully Raised Height to Hinge Pin - Fully Raised Dump areach - Full height Dump angle at full height Dump angle at full height Overall Length without Rucket Overall Length without Rucket Specified Height Dump angle at specified height Carry Position Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Clearance Radius - Front with Bucket Angle of Aproach Grouser Height Clearance Radius - Front with Bucket Angle of Aproach Ground Speed - Single Speed	h28 r6 a5	
Weight and mensions Overall Operating Height - Fully Raised Pump reach - Full height Dump neach - Full height Dump neight of full height Dump Height - Fully Raised Maximum Rollback Angle - Fully Raised Overall Height to top of ROPS Overall Height to top of ROPS Overall Height without Bucket Specified Height Reach at Specified Height Dump angle at ispecified height Carry Position Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight Ground clearance Track Spec Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed	h28 r6 a5	
Overall Operating Height - 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 Height to top of ROPS Overall Length without Bucket Specified Height Reach at Specified Height Carry Position Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight Ground clearance Track Spec Width Crawler Saac Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Angle of Approach Ground Speed - Single Speed	h28 r6 a5	
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 with bucket Specified Height Reach at Specified Height Dump angle at specified height Carry Position Maximum Rollback Angle at Carry Position Diggn Position Angle of Departure with STD Counterweight Ground Learance Track gauge Track Shoe Width Clearance Radius - Front with Bucket Angle of Approach Ground - Fully Raised Ground - Fully Raised Dure at Height Clearance Radius - Front with Bucket Angle of Approach Ground - Fully Raise Overall Width Clearance Radius - Front With Bucket Angle of Approach Ground Speed - Single Speed	h28 r6 a5	
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 Dump angle at specified height Carry Position Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight Ground clearance Track Snee Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Angle of Approach Grouser Height Track Snee Kollers / Roller Type	гб а5	
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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 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 Angle of Departure with STD Counterweight Ground clearance Track gauge Crawler base Overall with less bucket Bucket Witdh Clearance Radius - Front with Bucket Angle of Approach Grounser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed		
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 Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed	h20	
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 Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Clearance Radius - Front with Bucket Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed	112.5	
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 Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Clearance Radius - Front with Bucket Angle of Approach Grouser Height Clearance Radius - Front with Bucket Angle of Approach Grouser Height Clearance Radius - Front with Bucket Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type	a4	
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 Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Angle of Approach Grouser Height Track Rollers / Roller Type Performances Ground Speed - Single Speed	h17	
Specified Height Reach at Specified Height Dump angle at specified height Carry Position Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Clearance Radius - Front with Bucket Angle of Approach Grouser Height Track Rollers / Roller Type Performances Ground Speed - Single Speed	116	
Reach at Specified Height Dump angle at specified height Carry Position Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Carwle base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Angle of Approach Grouser Height Track Rollers / Roller Type Performances Ground Speed - Single Speed	l1	
Dump angle at specified height Carry Position Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Peformances Ground Speed - Single Speed	h31	
Cary Position Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed	r4	
Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed	a17	
Digging Position Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Peformances Ground Speed - Single Speed	d5	
Angle of Departure with STD Counterweight Ground clearance Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed	a14	
Ground clearance Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed	h32	
Track gauge Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed		
Track Shoe Width Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed	m4	
Crawler base Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed	b10	
Overall width less bucket Bucket Width Clearance Radius - Front with Bucket Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed	b20	
Bucket Width Clearance Radius - Front with Bucket Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed	y2	
Clearance Radius - Front with Bucket Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed	b1	
Angle of Approach Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed	e1	
Grouser Height Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed	b18	
Track Type / Track Rollers / Roller Type Performances Ground Speed - Single Speed	a3	
Performances Ground Speed - Single Speed		
Ground Speed - Single 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 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 °

198 mm

28 °

53 mm 28 °

185 mm

1356 mm

320 mm

1265 mm

1676 mm 1676 mm

1979 mm 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 l 39 l

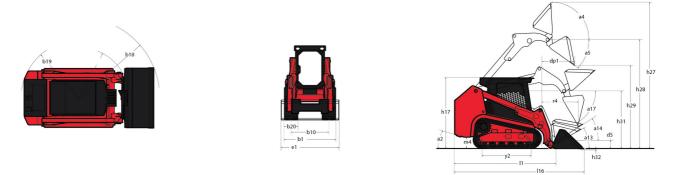
62.50 I

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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