Technical sheet:

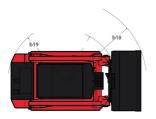
1650RT



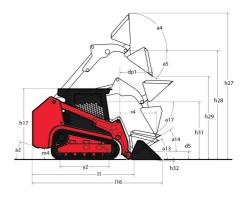


Specified Height 131 1538 mm Reach all Specified Height 48 559 mm Dump angle at specified height 917 73° Maximum Riblack Angle at Ground 313 28° Carp Postifion 35 198 mm Maximum Riblack Angle at Carp Postifion 314 28° Opping Pasalion 132 53 mm Angle of Departure with STD Counterweight m4 185 mm Track Stague 101 135 mm Track Stock Width 20 320 mm Consell stable y2 1255 mm Consell with the Stocket b1 1576 mm Declaration Citicitie p1 1576 mm Stocket Width e1 1576 mm Clearance Citicitie p2 1255 mm Oreal width be stocket b1 1576 mm Olearance Citicitie p3 90° Olearance Citicitie p3 90° Olearance Citicitie p3 90° Olearance Citicitie p3 90°		1650RT Created on 18 May 2024 at 15:33:55
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1 2393 mm		
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Rech at Sepérine Height Dom angle at specified Height Dom angle at specified Height Adminish Milhack Angle at Gound Adminish Milhack Angle at Carry Position Adminish Milhack Angle at Carry Angle Ang	Overall Length without Bucket	l1 2393 mm
Dump angle at specified height a17 73 ° Maximum Bollaback Angle at Granty Desition d6 188 mm Carry Svation a14 28 ° Carry Svation a12 5 mm Angle of Departure with STD Counterweight a2 5 mm Ground Gesames m4 135 mm Track Stow With 20 320 mm Counted tabae y2 1255 mm Orall with lies bucket b1 1676 mm Bucket With e1 1676 mm Clearance Rollars - Front with Bucket b18 1979 mm Clearance Colicle - Rear wall 1440 mm Maximum mollback at specified height a3 90 ° Clearance Colicle - Rear wall 1440 mm Maximum mollback at specified height a5 3 mm Clearance Policle - Rear a3 90 ° Gounce Speed - Roller Joge - Roller Jo	Specified Height	h31 1638 mm
Maximum Rollback Angle at Carry Position	Reach at Specified Height	r4 559 mm
Cary Position	Dump angle at specified height	a17 73 °
Maximum Rollback Angle at Carry Position a14 28 ° Digging Position h32 53 mm Angle of Departme with STD Counterweight m4 185 mm Track Sangue h10 1356 mm Track Spange h20 320 mm Created Sangue h20 320 mm Overall width less bucket h11 1676 mm Described Flore h18 1197 mm Clearance Radius - Front with Bucket h18 1197 mm Clearance Radius - Front with Bucket h18 1197 mm Clearance Radius - Front with Bucket h18 1197 mm Clearance Radius - Front with Bucket h18 1197 mm Clearance Radius - Front with Bucket h18 1197 mm Clearance Radius - Front with Bucket h18 1197 mm Clearance Radius - Front with Bucket h18 1197 mm Clearance Radius - Front with Bucket h18 1197 mm Clearance Radius - Front with Bucket h18 1197 mm Clearance Radius - Front with Bucket h18 1197 mm Trac	Maximum Rollback Angle at Ground	a13 28 °
Maximum Rollback Angle at Carry Position 18	Carry Position	d5 198 mm
Angle of Departure with STD Counterweight 28 ° Circund clearance mb 185 mm Track Spauge b10 1356 mm Track Stow Width b20 320 mm Creatwise base y2 1265 mm Owerall width less bucket b11 1676 mm Blacket Width e1 1676 mm Clearance Radius - Front with Bucket b18 1979 mm Clearance Clicle - Rear wal 1440 mm Maximum villabus kt a specified height 62 ° Angle of Appoach Couser Height 25 mm 25 mm Tack Type / Track Rolles / Roller Type Pubber / 3 / Steel Proformances 25 mm Rubber / 3 / Steel Proformances 11.5 to km/h 15.5 to km/h Ground Speed - Snigle Speed 15.5 to km/h 15.10 km/h Ground Speed - Snigle Speed 15.5 to km/h 44845 kg Bucket Breakout - Lift Cylinder 29 8 to km/h 44845 kg Bucket Breakout - Lift Cylinder 29 8 to km/h 44845 kg Bucket Breakout - Lift Cylinder 29 5 kg	Maximum Rollback Angle at Carry Position	a14 28°
Angle of Departure with STD Counterweight 28 ° Circund clearance mb 185 mm Track Spauge b10 1356 mm Track Stow Width b20 320 mm Creatwise base y2 1265 mm Owerall width less bucket b11 1676 mm Blacket Width e1 1676 mm Clearance Radius - Front with Bucket b18 1979 mm Clearance Clicle - Rear wal 1440 mm Maximum villabus kt a specified height 62 ° Angle of Appoach Couser Height 25 mm 25 mm Tack Type / Track Rolles / Roller Type Pubber / 3 / Steel Proformances 25 mm Rubber / 3 / Steel Proformances 11.5 to km/h 15.5 to km/h Ground Speed - Snigle Speed 15.5 to km/h 15.10 km/h Ground Speed - Snigle Speed 15.5 to km/h 44845 kg Bucket Breakout - Lift Cylinder 29 8 to km/h 44845 kg Bucket Breakout - Lift Cylinder 29 8 to km/h 44845 kg Bucket Breakout - Lift Cylinder 29 5 kg	Digging Position	h32 53 mm
Ground clearance m.4 185 mm Track gauge		
Track Since Width Track Since	•	
Track Shoe Width b20 320 mm Crawfer base y2 1265 mm Oreall width less bucket b1 1676 mm Bucket Width e1 1676 mm Clearance Citcle - Rear b18 1979 mm Clearance Citcle - Rear wa1 1440 mm Maximum rollback at specified height 62° Analysis of Appoint Grouse Height 33 90° Grouse Height 25 mm The Street Fronce Rollers / Roller Type Performances Rubber / 3 / Steel Ground Speed - Single Speed 10.50 km/h Ground Speed - Single Speed 10.50 km/h Ground Speed - Wes Speed 10.50 km/h Ground Speed - Single Speed 10.50 km/h Ground Speed - Si		
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Bucket Width e1 1676 mm Clearance Radius - Front with Bucket b18 1979 mm Clearance Circle - Rear wal 1440 mm Maximum milback at specified helpht 62 * Angle of Approach 3 90 * Grouser Height 25 mm 22 mm Tack Type / Track Roller / Foller Type Rubber / 3 / Steel Performances 8 10.50 km/h Ground Speed - Two Speed 10.50 km/h 44345 kg Ground Speed - Two Speed 16.10 km/h 44345 kg Bucket Beakout - Lift Cylinder 22935 kg 1919 kg Bucket Beakout - Lift Cylinder 1919 kg 22935 kg Engine 4470 kg 22935 kg Engine 470 km/g 470 km/g Motor Type 51.70 kW @ 2500 pm 470 km/g Kerp Dewer / Power 51.70 kW @ 2500 pm 51 kW / 2500 pm Max. torque 21 kW 241 km LC. Engine power rading 950 A 41 kmater Voltage / 4 kmger 12 V/ 100 A Hydralics 71 l/min 12 V/ 100 A		
Clearance Radius - Front with Bucket b18 1979 mm Clearance Circle - Rear wa1 1440 mm Maximum rollback at specified helpht 62 ° Angle of Approach a3 90 ° Grouser Height 25 mm Tack Krype / Track Roller Type Rubber / 3 / Steel Porformances **** *** *** *** *** *** *** *** *** *		
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Maximum rollback at specified height a3 90° Gouser Height 25 mm Track Type / Track Roller Type Rubber / 3 / Steel Performationes		
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Track Type Track Roller Type Rubber / 3 / Steel Performances Cound Speed - Single Speed Ground Speed - Two Speed 10.50 km/h Ground Speed - Two Speed 16.10 km/h Drawbar Pull/Tractive Effort 4345 kg Bucket Breakout - Lift Cylinder 2295 kg Bucket Breakout - Lift Cylinder 2295 kg Engine Yannar Engine brand Yannar Engine brand 41NV98C-NMS2 Motor Type Radial Piston Gross Power / Power 51.70 kW @ 2500 rpm Max. torque 21 kW / 2500 rpm I.C. Engine power rating 63.00 kp Battery voltage 12 V Cold Granking Amps at Temperature (CCA) 950 A Alternator - Voltage / Ampere 12 V / 100 A Hydraulicis 71 l/min Tank capacities 91 l Oil Pan Capacity 91 l Flydraulicis (1 tank capacity) 91 l Colant system capacity 12.90 l Displacement / Number of cylinders 3.301 / 4		
Performances 10.50 km/h Ground Speed - Single Speed 10.50 km/h Drawbar Pull/Tractive Effort 4345 kg Bucket Breakout - Tilt Cylinder 1919 kg Bucket Breakout - Lift Cylinder 2295 kg Engine	-	
Ground Speed - Single Speed 10.50 km/h Ground Speed - Two Speed 16.10 km/h Drawbar Pull/Tractive Effort 4345 kg Bucket Breakout - Lift Cylinder 1919 kg Bucket Breakout - Lift Cylinder 2295 kg Engine 8 Engine Med Yanmar Engine model 4TNV98C-NMS2 Motor Type Radial Piston Gross Power / Power 51.70 kW @ 2500 rpm Net Power / Power 51.70 kW @ 2500 rpm Net Power / Power 51.70 kW @ 2500 rpm Nax. torque 241 km LC. Engine power rating 69.30 Hp Battery voltage 12 V Cold Cranking Amps at Temperature (CCA) 950 A Alternator - Voltage / Ampree 12 V 100 A Hydraulics 71 l/min Tank capacities 91 Oil Pac Capacities 92 Oi		Rubber / 3 / Steel
Ground Speed - Two Speed 16.10 km/h Drawbar Pull/Tractive Effort 4345 kg Bucket Breakout - Lift Cylinder 1919 kg Bucket Breakout - Lift Cylinder 2295 kg Engine	Performances	
Drawbar Pull/Tractive Effort 4345 kg Bucket Breakout - Tilt Cylinder 1919 kg Bucket Breakout - Lift Cylinder 2295 kg Engine	Ground Speed - Single Speed	10.50 km/h
Bucket Breakout - Tilt Cylinder 1919 kg Bucket Breakout - Lift Cylinder 2295 kg Engine	Ground Speed - Two Speed	16.10 km/h
Bucket Breakout - Lift Cylinder 2295 kg Engine Cegine Engine brand 4TNV98C-NMS2 Botine omdel 4TNV98C-NMS2 Motor Type Radial Piston Gross Power / Power 51.70 kW @ 2500 rpm Net Power / Power 51 kW / 2500 rpm Max. torque 241 km I.C. Engine power rating 69.30 Hp Battery voltage 12 V Cold Cranking Amps at Temperature (CCA) 950 A Alternator - Voltage / Ampere 12 V / 100 A Hydraulics 71 l/min Standard flow - Auxiliary hydraulics 91 Tank capacities 9 I Oil Pan Capacity 9 I Hydraulic oil tank capacity 39 I Fuel tank 62.50 I Coolant system capacity 12.90 I Displacement / Number of cylinders 12.90 I Miscellaneous 6	Drawbar Pull/Tractive Effort	4345 kg
Engine Yanmar Engine model 4TNV98C-NMS2 Motor Type Radial Piston Gross Power / Power 51.70 kW @ 2500 rpm Net Power / Power 51 kW / 2500 rpm Max. torque 241 Nm LC. Engine power rating 69.30 Hp Battery voltage 12 V Cold Cranking Amps at Temperature (CCA) 950 A Altemator - Voltage / Ampere 12 V / 100 A Hydraulics 71 l/min Standard flow - Auxiliary hydraulics 9 I Tank capacities 9 I Oil Pan Capacity 9 I Hydraulic oil tank capacity 9 I Fuel tank 62.50 I Coolant system capacity 12.90 I Displacement / Number of cylinders 3.30 I / 4 Miscellaneous 4	Bucket Breakout - Tilt Cylinder	1919 kg
Engine brand Yanmar Engine model 4TNV98C-NMS2 Motor Type Radial Piston Gross Power / Power 51.70 kW @ 2500 rpm Met Power / Power 51.70 kW @ 2500 rpm Max. torque 241 Nm LC. Engine power rating 69.30 Hp Battery voltage 12 V Cold Canking Amps at Temperature (CCA) 950 A Altemator - Voltage / Ampere 12 V / 100 A Hydraulics 71 L/vnion Standard flow - Auxiliary hydraulics 71 L/min Tank capacities 91 Oil Pan Capacity 91 Hydraulic oil tank capacity 39 I Fuel tank 62.50 I Coolant system capacity 12.90 I Displacement / Number of cylinders 3.301 / 4 Miscellaneous 3.301 / 4	Bucket Breakout - Lift Cylinder	2295 kg
Engine model 4TNV98C-NMS2 Motor Type Radial Piston Gross Power / Power 51.70 kW @ 2500 rpm Net Power / Power 51 kW / 2500 rpm Max. torque 241 Nm LC. Engine power rating 69.30 Hp Sattery voltage 12 V Cold Cranking Amps at Temperature (CCA) 950 A Altemator - Voltage / Ampere 12 V / 100 A Hydraulics 71 L/min Standard flow - Auxiliary hydraulics 71 L/min Tank capacities 91 Oil Pan Capacity 39 I Hydraulic oil tank capacity 39 I Fuel tank 62.50 I Coolant system capacity 12.90 I Displacement / Number of cylinders 3.301 / 4 Miscellaneous 3.301 / 4	Engine	
Motor Type Radial Piston Gross Power / Power 51.70 kW @ 2500 rpm Net Power / Power 51 kW / 2500 rpm Max. torque 241 km I.C. Engine power rating 69.30 Hp Battery voltage 12 V Cold Cranking Amps at Temperature (CCA) 950 A Alternator - Voltage / Ampere 12 V / 100 A Hydraulics 12 V / 100 A Standard flow - Auxiliary hydraulics 71 l/min Tank capacities 91 Oil Pan Capacity 39 l Hydraulic oil tank capacity 39 l Fuel tank 62.50 l Coolant system capacity 12.90 l Displacement / Number of cylinders 3.30 l / 4 Miscellaneous 3.30 l / 4	Engine brand	Yanmar
Motor Type Radial Piston Gross Power / Power 51.70 kW @ 2500 rpm Net Power / Power 51 kW / 2500 rpm Max. torque 241 km I.C. Engine power rating 69.30 Hp Battery voltage 12 V Cold Cranking Amps at Temperature (CCA) 950 A Alternator - Voltage / Ampere 12 V / 100 A Hydraulics 12 V / 100 A Standard flow - Auxiliary hydraulics 71 l/min Tank capacities 91 Oil Pan Capacity 39 l Hydraulic oil tank capacity 39 l Fuel tank 62.50 l Coolant system capacity 12.90 l Displacement / Number of cylinders 3.30 l / 4 Miscellaneous 3.30 l / 4	Engine model	4TNV98C-NMS2
Gross Power / Power 51.70 kW @ 2500 rpm Net Power / Power 51 kW / 2500 rpm Max. torque 241 Nm I.C. Engine power rating 69.30 Hp Battery voltage 12 V Cold Cranking Amps at Temperature (CCA) 950 A Alternator - Voltage / Ampere 12 V / 100 A Hydraulics 12 V / 100 A Standard flow - Auxiliary hydraulics 71 l/min Tank capacities 91 Oil Pan Capacity 91 Hydraulic oil tank capacity 39 l Fuel tank 62.50 l Coolant system capacity 12.90 l Displacement / Number of cylinders 3.30 l / 4 Miscellaneous 3.30 l / 4		
Net Power / Power 51 kW / 2500 rpm Max. torque 241 Nm I.C. Engine power rating 69.30 Hp Battery voltage 12 V Cold Cranking Amps at Temperature (CCA) 950 A Alterator - Voltage / Ampere 12 V / 100 A Hydraulies 3 Standard flow - Auxiliary hydraulics 51 l/min Tank capacities 91 0il Pan Capacity 9 l Hydraulic oil tank capacity 39 l Fuel tank 62.50 l Coolant system capacity 12.90 l Displacement / Number of cylinders 3.30 l / 4 Miscellaneous 3.30 l / 4		
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Hydraulic oil tank capacity 39 l Fuel tank 62.50 l Coolant system capacity 12.90 l Displacement / Number of cylinders 3.30 l / 4 Miscellaneous 62.50 l		
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Coolant system capacity 12.90 I Displacement / Number of cylinders 3.30 I / 4 Miscellaneous 3.30 I / 4	Hydraulic oil tank capacity	
Displacement / Number of cylinders 3.30 1 / 4 Miscellaneous 3.30 1 / 4	Fuel tank	
Miscellaneous Signature of the control of the contr	Coolant system capacity	12.90 l
	Displacement / Number of cylinders	3.301/4
Ground Pressure 0.45 bar	Miscellaneous	
	Ground Pressure	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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