Technical sheet :







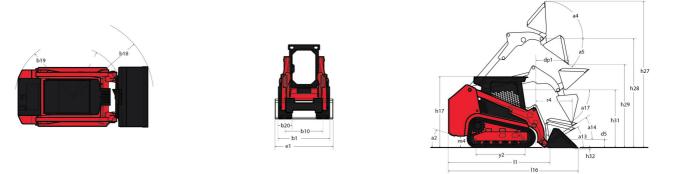
	1830R I	
Capacities		
Operating Weight		
Unladen weight		
Operating Capacity at 35% Tipping Load		
Operating Capacity At 50% Tipping Load		
Tipping capacity		
Weight and dimensions		
Overall Operating Height - Fully Raised	h27	
Height to Hinge Pin - Fully Raised	h28	
Dump reach - Full height	r6	
Dump angle at full height	a5	
Dump Height - Fully Raised	h29	
Maximum Rollback Angle - Fully Raised	a4	
Overall Height to top of ROPS	h17	
Overall length with bucket	116	
Overall Length without Bucket	1	
Specified Height	h31	
Reach at Specified Height	r4	
Dump angle at specified height	a17	
Carry Position	d5	
Maximum Rollback Angle at Carry Position	a14	
Digging Position	h32	
Angle of Departure with STD Counterweight	1132	
Ground clearance	m4	
Track gauge	b10	
Track Shoe Width	b10	
Crawler base	y2	
Overall width less bucket	yz b1	
Bucket Width	e1	
Clearance Radius - Front with Bucket	b18	
	a3	
Angle of Approach Grouser Height	83	
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		
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		
Uli Pan Capacity Hydraulic tank capacity		
Fuel tank		
Linuid easting tents values		
Liquid cooling tank volume		
Liquid cooling tank volume Displacement / Number of cylinders Miscellaneous		

1650RT Created on August 13, 2025 at 1:45 AM UTC

Metric 3638 kg

	···· J
	3638 kg
	748 kg
	1069 kg
	2139 kg
	2133 kg
	4000
	4008 mm
3	3038 mm
	641 mm
	39 °
)	2329 mm
	98 °
,	1969 mm
	3205 mm
	2393 mm
	1638 mm
	559 mm
,	73 °
	198 mm
	28 °
2	53 mm
	28 °
	185 mm
)	1356 mm
)	320 mm
	1265 mm
	1676 mm
	1676 mm
5	1979 mm
	90 °
	25 mm
	25 mm Rubber / 3 / Steel
	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 1919 kg
	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 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
	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 2500 rpm
	Rubber / 3 / Steel 10.50 km/h 16.10 km/h 4345 kg 1919 kg 2295 kg Yanmar 4TNV98C-NMS2 Radial Piston 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 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 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 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 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 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 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 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 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 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 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 2500 rpm 51 kW / 2500 rpm 241 Nm 69.30 Hp 12 V 950 A 12 V / 100 A 91 39 I
	Rubber / 3 / Steel 10.50 km/h 16.10 km/h 4345 kg 1919 kg 2295 kg Yanmar 4TNV98C-NMS2 Radial Piston 2500 pm 51 kW / 2500 pm 241 Nm 69.30 Hp 12 V 950 A 71 l/min 91 39 l 62.50 l
	Rubber / 3 / Steel 10.50 km/h 16.10 km/h 4345 kg 1919 kg 2295 kg Yanmar 4TNV98C-NMS2 Radial Piston 2500 rpm 51 kW / 2500 rpm 241 Nm 69.30 Hp 12 V 950 A 71 l/min 91 39 I 62.50 I 12.90 I
	Rubber / 3 / Steel 10.50 km/h 16.10 km/h 4345 kg 1919 kg 2295 kg Yanmar 4TNV98C-NMS2 Radial Piston 2500 pm 51 kW / 2500 pm 241 Nm 69.30 Hp 12 V 950 A 71 l/min 91 39 l 62.50 l
	Rubber / 3 / Steel 10.50 km/h 16.10 km/h 4345 kg 1919 kg 2295 kg Yanmar 4TNV98C-NMS2 Radial Piston 2500 rpm 51 kW / 2500 rpm 241 Nm 69.30 Hp 12 V 950 A 71 l/min 91 39 I 62.50 I 12.90 I

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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