Technical sheet :



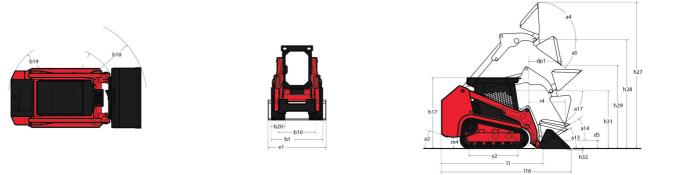




	1830
Capacities	
Operating Weight	
Unladen weight	
Operating Capacity at 35% Tipping Load	
Operating Capacity At 50% Tipping Load	
Tipping capacity	
Weight and dimensions	
	h27
Overall Operating Height - Fully Raised	
Height to Hinge Pin - Fully Raised	h28
Dump reach - Full height	ró
Dump angle at full 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	11
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	
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	
Gross Power / Power Net Power / Power	
Max. torque	
I.C. Engine power rating	
Battery voltage	
Battery voltage Cold Cranking Amps at Temperature (CCA)	
Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere	
Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Hydraulics	
Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Hydraulics Standard flow - Auxiliary hydraulics	
Battery voltage Cold Cranking Amps at Temperature (CCA) Altemator - Voltage / Ampere Hydraulics Standard flow - Auxiliary hydraulics Tank capacities	
Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Hydraulics Standard flow - Auxiliary hydraulics	
Battery voltage Cold Cranking Amps at Temperature (CCA) Altemator - Voltage / Ampere Hydraulics Standard flow - Auxiliary hydraulics Tank capacities	
Battery voltage Cold Cranking Amps at Temperature (CCA) Altemator - Voltage / Ampere Hydraulics Standard flow - Auxiliary hydraulics Tank capacities Oil Pan Capacity Hydraulic tank capacity Fuel tank	
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Battery voltage Cold Cranking Amps at Temperature (CCA) Altemator - Voltage / Ampere Hydraulics Standard flow - Auxiliary hydraulics Tank capacities Oil Pan Capacity Hydraulic tank capacity Fuel tank	

3638 kg       3638 kg       3638 kg       3638 kg       748 kg       1069 kg       2139 kg       2139 kg       227       4008 mm       28       3038 mm       6       641 mm       5       39 °       29       2329 mm       4       98 °       17       1969 mm       6       3205 mm       1       1638 mm       4       559 mm       17       73 °       5       198 mm       14       28 °       332
748 kg     1069 kg     2139 kg     227     4008 mm     28     3038 mm     6     641 mm     5     39 °     29     2329 mm     4     98 °     17     1969 mm     6     3205 mm     1     2393 mm     31     1638 mm     4     55     198 mm     17     73 °     5     198 mm     14   28 °
1069 kg     2139 kg     227   4008 mm     28   3038 mm     6   641 mm     5   39 °     29   2329 mm     4   98 °     17   1969 mm     6   3205 mm     1   2393 mm     31   1638 mm     4   559 mm     17   73 °     5   198 mm     14   28 °
2139 kg   27 4008 mm   28 3038 mm   6 641 mm   5 39 °   29 2329 mm   4 98 °   17 1969 mm   6 3205 mm   1 2393 mm   31 1638 mm   4 559 mm   17 73 °   5 198 mm   14 28 °
27 4008 mm   28 3038 mm   6 641 mm   5 39 °   29 2329 mm   4 98 °   17 1969 mm   6 3205 mm   1 2393 mm   31 1638 mm   4 559 mm   17 73 °   5 198 mm   14 28 °
28 3038 mm   6 641 mm   5 39 °   29 2329 mm   4 98 °   17 1969 mm   6 3205 mm   1 2393 mm   31 1638 mm   4 559 mm   17 73 °   5 198 mm   14 28 °
28 3038 mm   6 641 mm   5 39 °   29 2329 mm   4 98 °   17 1969 mm   6 3205 mm   1 2393 mm   31 1638 mm   4 559 mm   17 73 °   5 198 mm   14 28 °
6     641 mm       5     39 °       29     2329 mm       4     98 °       17     1969 mm       6     3205 mm       1     2393 mm       31     1638 mm       4     559 mm       17     73 °       5     198 mm       14     28 °
5     39°       29     2329 mm       4     98°       17     1969 mm       6     3205 mm       1     2393 mm       31     1638 mm       4     559 mm       17     73°       5     198 mm       14     28°
299 2329 mm 4 98 ° 17 1969 mm 6 3205 mm 1 2393 mm 1 638 mm 4 559 mm 17 73 ° 5 198 mm 14 28 °
4     98 °       17     1969 mm       6     3205 mm       1     2393 mm       31     1638 mm       4     559 mm       17     73 °       5     198 mm       14     28 °
17 1969 mm   6 3205 mm   1 2393 mm   31 1638 mm   4 559 mm   17 73 °   5 198 mm   14 28 °
6 3205 mm 1 2393 mm 31 1638 mm 4 559 mm 17 73 ° 5 198 mm 14 28 °
1 2393 mm 31 1638 mm 4 559 mm 17 73 ° 5 198 mm 14 28 °
31     1638 mm       4     559 mm       17     73 °       5     198 mm       14     28 °
4 559 mm 17 73 ° 5 198 mm 14 28 °
17 73 ° 5 198 mm 14 28 °
5 198 mm 14 28 °
14 28 °
52 55 11111
28 °
185 mm
10 1356 mm
20 320 mm
2 1265 mm
1 1676 mm
1 1676 mm
18 1979 mm
3 90 °
25 mm
Rubber / 3 / Steel
Rubber / 3 / Steel
Rubber / 3 / Steel 10.50 km/h
10.50 km/h 16.10 km/h
10.50 km/h 16.10 km/h 4345 kg
10.50 km/h 16.10 km/h 4345 kg 1919 kg
10.50 km/h 16.10 km/h 4345 kg
10.50 km/h 16.10 km/h 4345 kg 1919 kg 2295 kg
10.50 km/h 16.10 km/h 4345 kg 1919 kg
10.50 km/h 16.10 km/h 4345 kg 1919 kg 2295 kg Yanmar 4TNV98C-NMS2
10.50 km/h 16.10 km/h 4345 kg 1919 kg 2295 kg Yanmar 4TNV98C-NMS2 Radial Piston
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10.50 km/h 16.10 km/h 4345 kg 1919 kg 2295 kg Yanmar 4TNV98C-NMS2 Radial Piston 51.70 kW @ 2500 rpm
10.50 km/h 16.10 km/h 16.10 km/h 4345 kg 1919 kg 2295 kg Vanmar 4TNV98C-NMS2 Radial Piston 51.70 kW @ 2500 rpm 51 kW / 2500 rpm 241 Nm
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
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
10.50 km/h 16.10 km/h 16.10 km/h 4345 kg 1919 kg 2295 kg Vanmar 4TNV98C-NMS2 Radial Piston 51.70 kW @ 2500 rpm 51 kW / 2500 rpm 241 Nm 69.30 Hp 12 V 950 A
10.50 km/h 16.10 km/h 16.10 km/h 4345 kg 1919 kg 2295 kg Vanmar 4TNV98C-NMS2 Radial Piston 51.70 kW @ 2500 rpm 51 kW / 2500 rpm 241 Nm 69.30 Hp 12 V
10.50 km/h 16.10 km/h 16.10 km/h 4345 kg 1919 kg 2295 kg Vanmar 4TNV98C-NMS2 Radial Piston 51.70 kW @ 2500 rpm 51 kW / 2500 rpm 241 Nm 69.30 Hp 12 V 950 A
10.50 km/h 16.10 km/h 4345 kg 1919 kg 2295 kg Vanmar 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
10.50 km/h 16.10 km/h 16.10 km/h 4345 kg 1919 kg 2295 kg Vanmar 4TNV98C-NMS2 Radial Piston 51.70 kW @ 2500 rpm 51 kW / 2500 rpm 241 Nm 69.30 Hp 12 V 950 A 12 V 950 A 12 V/ 100 A
10.50 km/h 16.10 km/h 16.10 km/h 4345 kg 1919 kg 2295 kg Vanmar 4TNV98C-NMS2 Radial Piston 51.70 kW @ 2500 rpm 51 kW / 2500 rpm 241 Nm 69.30 Hp 12 V 950 A 12 V
10.50 km/h     16.10 km/h     16.10 km/h     4345 kg     1919 kg     2295 kg     Vanmar     4TNV98C-NMS2     Radial Piston     51.70 kW @ 2500 rpm     241 Nm     69.30 Hp     12 V     950 A     12 V / 100 A     91     39 I     62.50 I
10.50 km/h     16.10 km/h     16.10 km/h     4345 kg     1919 kg     2295 kg     Vanmar     4TNV98C-NMS2     Radial Piston     51.70 kW @ 2500 rpm     241 Nm     69.30 Hp     12 V     950 A     12 V / 100 A     71 l/min     91     39 l     62.50 l     12.90 l
10.50 km/h     16.10 km/h     16.10 km/h     4345 kg     1919 kg     2295 kg     Vanmar     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     91     39 I     62.50 I
10.50 km/h     16.10 km/h     16.10 km/h     4345 kg     1919 kg     2295 kg     Vanmar     4TNV98C-NMS2     Radial Piston     51.70 kW @ 2500 rpm     241 Nm     69.30 Hp     12 V     950 A     12 V / 100 A     71 l/min     91     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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