

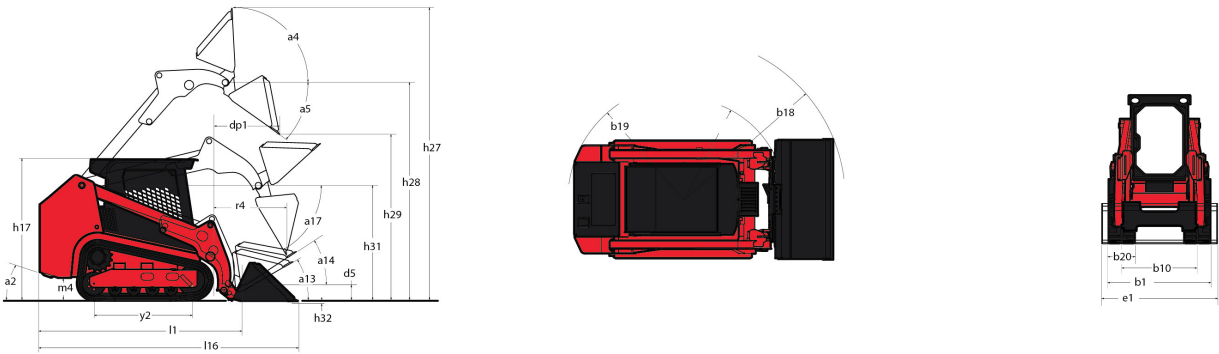
Technical sheet :

1650 RT



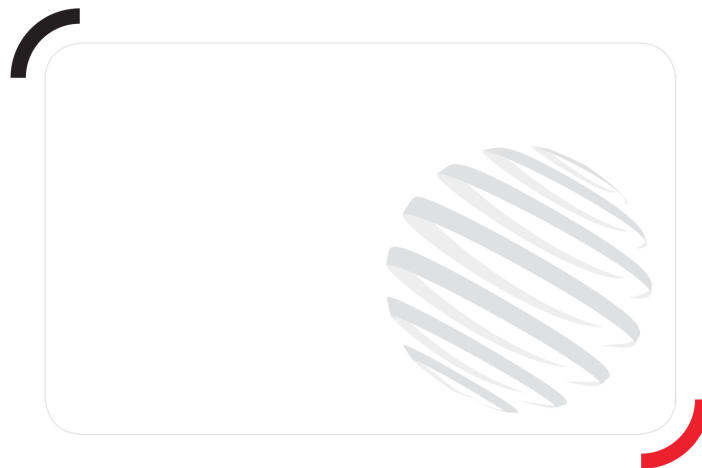
Capacities		Metric	Imperial
Tipping Load		2139 kg	4716 lbs
Operating Weight		3638 kg	8020 lbs
Operating Capacity at 35% Tipping Load		748 kg	1649 lbs
Operating Capacity At 50% Tipping Load		1069 kg	2357 lbs
Weight and dimensions			
Overall Operating Height - Fully Raised	h27	4008 mm	157.795 in
Height to Hinge Pin - Fully Raised	h28	3038 mm	119.606 in
Reach - Fully Raised	dp1	641 mm	25.236 in
Dump angle at full height	a5	39 °	39 °
Dump Height - Fully Raised	h29	2329 mm	91.693 in
Maximum Rollback Angle - Fully Raised	a4	98	98
Overall Height to Top of Rops	h17	1969 mm	77.52 in
Overall length with bucket	l16	3205 mm	126.181 in
Overall Length without Bucket	l1	2393 mm	94.213 in
Specified Height	h31	1638 mm	64.488 in
Reach at Specified Height	r4	559 mm	22.008 in
Dump angle at specified height	a17	73 °	73 °
Maximum Rollback Angle at Ground	a13	28	28
Carry Position	d5	198 mm	7.795 in
Maximum Rollback Angle at Carry Position	a14	28	28
Digging Position	h32	53 mm	2.087 in
Angle of Departure with STD Counterweight		28 °	28 °
Ground clearance	m4	185 mm	606 ft 11 in
Track gauge	b10	1356 mm	53.386 in
Track Shoe Width	b20	320 mm	12.598 in
Crawler base	y2	1265 mm	49.803 in
Overall width less bucket	b1	1676 mm	65.984 in
Bucket Width	e1	1676 mm	65.984 in
Clearance Radius - Front with Bucket		1979 mm	77.913 in
Clearance Circle - Rear	wa1	1440 mm	56.693 in
Maximum rollback at specified height		62 °	62 °
Angle of Approach		90 °	90 °
Grouser Height		25 mm	0.984 in
Track Type / Track Rollers / Roller Type		Rubber / 3 / Steel	Rubber / 3 / Steel
Performances			
Ground Speed - Single Speed		10.5 km/h	6.5 mph
Ground Speed - Two Speed		16.1 km/h	10 mph
Drawbar Pull/Tractive Effort		4345 kg	9579 lbs
Bucket Breakout - Tilt Cylinder		1919 kg	4231 lbs
Bucket Breakout - Lift Cylinder		2295 kg	5060 lbs
Engine			
Engine brand		Yanmar	Yanmar
Engine model		4TNV98C-NMS2	4TNV98C-NMS2
Motor Type		Radial Piston	Radial Piston
Gross Power (kW) / Gross Power		51.7 kW / 2500 tr/min	51.7 kW / 2500 tr/min
Net Power (kW) / Net Power		51 kW / 2500 tr/min	51 kW / 2500 tr/min
Max. torque		241	241
Battery		12 V	12 V
Cold Cranking Amps at Temperature (CCA)		950	950
Alternator - Voltage / Ampere		12 V / 100 A	12 V / 100 A
Hydraulics			
Auxiliary hydraulics		71 l/min	71 l/min
Tank capacities			
Oil Pan Capacity		9 l	1.98 gal
Hydraulic tank capacity		39 l	8.58 gal
Fuel tank		62.5 l	13.75 gal
Coolant Capacity		12.9 l	2.84 gal
Displacement / Number of cylinders		3.3 l / 4	0.73 gal / 4
Miscellaneous			
Ground Pressure		0 Bar	0 PSI

Dimensional drawing



Equipment

Comfort	
Air suspension seat	Optional
Electrical System	
Back-Up Alarm	Optional
Combination Radiator & Hydraulic Oil Cooler	Standard
Counterweight	Standard
Electricity / Safety	
High-Flow Auxiliary Hydraulics	Optional
Hydraulics	
Auxiliary Hydraulics	Standard
Operators Station	
Dual-Element Air Cleaner with Indicator	Standard
Engine Auto-Shutdown System	Standard
ROPS/FOPS Level II Overhead Guard	Standard
Performance	
Electronic Attachment Control - 14-Pin Connector	Optional
Structure	
All-Tach® Attachment Mounting System	Standard
Power-A-Tach® Attachment Mounting System	Optional
Selectable Self-Leveling Hydraulic Lift Action 4	Optional
Two-Speed Hydrostatic Drive System	Standard



Siège Social
430 rue de l'Aubinière - 44150 Ancenis Cedex - France
Tel: +33(0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97
www.manitou.com



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