Technical sheet:

1050RT



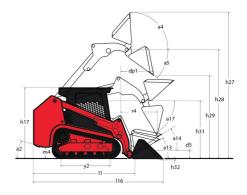


	1050RT Created on May 20, 2024 at 5:17:14	AIVI U
Capacities	Metric	
Operating Weight	2141 kg	
Unladen weight	1928 kg	
Operating Capacity at 35% Tipping Load	476 kg	
Operating Capacity At 50% Tipping Load	680 kg	
Tipping capacity	1361 kg	
Weight and dimensions	- The state of the	
Overall Operating Height - Fully Raised	h27 3650 mm	
	h28 2769 mm	
Height to Hinge Pin – Fully Raised		
Dump reach - Full height	r6 673.10 mm	
Dump angle at full height	a5 38 °	
Dump Height - Fully Raised	h29 2134 mm	
Maximum Rollback Angle - Fully Raised	a4 102°	
Overall Height to top of ROPS	h17 1816 mm	
Overall length with bucket	l16 2985 mm	
Overall Length without Bucket	l1 2258 mm	
Specified Height	h31 1466 mm	
Reach at Specified Height	r4 991 mm	
Dump angle at specified height	a17 72°	
Maximum Rollback Angle at Ground	a13 32°	
Carry Position	d5 127 mm	
Maximum Rollback Angle at Carry Position	a14 32 °	
• ,	h32 0 mm	
Digging Position	1152 U 111111 35 °	
Angle of Departure with STD Counterweight		
Ground clearance	m4 191 mm	
rack gauge	b10 1039 mm	
Track Shoe Width	b20 250 mm	
Crawler base	y2 1283 mm	
Overall width less bucket	b1 1290 mm	
Bucket Width	e1 1372 mm	
Clearance Radius - Front with Bucket	b18 1854 mm	
Clearance Circle - Rear	wa1 1290 mm	
Maximum rollback at specified height	72 °	
Angle of Approach	a3 90°	
Grouser Height	25 mm	
Frack Type / Track Rollers / Roller Type	Rubber / 4 / Steel	
Performances	Hubber 7 47 decei	
	10.10 km/h	
Ground Speed - Single Speed		
Orawbar Pull/Tractive Effort	1996 kg	
Bucket Breakout - Tilt Cylinder	1346 kg	
Bucket Breakout - Lift Cylinder	1376 kg	
ingine in the second se		
ingine brand	Yanmar	
ingine model	3TNV88C-KMSV	
Motor Type	Radial Piston	
Gross Power / Power	25.50 kW @ 2800 rpm	
let Power / Power	23.70 kW / 2800 rpm	
Max. torque	109.40 Nm	
C. Engine power rating	34.20 Hp	
Sattery voltage	12 V	
Cold Cranking Amps at Temperature (CCA)	800 A	
· · · · · · ·		
Alternator - Voltage / Ampere	12 V / 55 A	
lydraulics		
tandard flow - Auxiliary hydraulics	55 I/min	
ank capacities		
il Pan Capacity	5.87	
lydraulic oil tank capacity	30 I	
uel tank	36 I	
Coolant system capacity	6.62	
Displacement / Number of cylinders	1.641/3	
loise and vibration		
loise to environment (LwA)	101 dB	
loise at driving position (LpA)	85.80 dB	
	00.00 UD	
Miscellaneous		

1050RT - Dimensional drawing







Equipment

Lifting function	
All-Tach® Attachment Mounting System	Standard
Auxiliary Hydraulics	Standard
IdealTrax™ Automatic Track Tensioning System	Standard
Motorization/Power	
Combination Radiator & Hydraulic Oil Cooler	Standard
Dual-Element Air Cleaner with Indicator	Standard
Engine Auto-Shutdown System	Optional
Glowplugs Starts Assist	Standard
Operator station	
Foot Throttle	Standard
Full-Suspension Seat	Optional
Multi-Function Display Screen	Standard
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
Secondary functions	
Counterweight	Standard
Dedicated Undercarriage	Standard
Security	
Anti-Vandalism Protection	Standard
Back-Up Alarm	Standard
Easy Manager	Standard
Engine Alert System with Error Display	Standard
Mechanical Lift Cylinder Lock	Standard





Head Office

B.P. 249 - 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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