Technical sheet :







	1050RT	Created on May 15, 2024 at
Capacities		Imperial
Operating Weight		4720 lb
Unladen weight		4251 lb
Operating Capacity at 35% Tipping Load		1049 lb
Operating Capacity At 50% Tipping Load		1499 lb
Tipping capacity		3000 lb
Weight and dimensions		
Overall Operating Height - Fully Raised	h27	144 in
Height to Hinge Pin – Fully Raised	h28	109 in
Dump reach - Full height	гб	26 in
Dump angle at full height	a5	38 °
Dump Height - Fully Raised	h29	84 in
Maximum Rollback Angle - Fully Raised	a4	102 °
Overall Height to top of ROPS	h17	71 in
Overall length with bucket	116	118 in
Overall Length without Bucket	1	89 in
Specified Height	h31	58 in
Reach at Specified Height	r4	39 in
	a17	72 °
Dump angle at specified height		72 32 °
Maximum Rollback Angle at Ground	a13 d5	
Carry Position		5 in
Maximum Rollback Angle at Carry Position	a14	32 °
Digging Position	h32	0 in
Angle of Departure with STD Counterweight		35 °
Ground clearance	m4	8 in
Track gauge	b10	41 in
Track Shoe Width	b20	10 in
Crawler base	y2	51 in
Overall width less bucket	b1	51 in
Bucket Width	e1	54 in
Clearance Radius - Front with Bucket	b18	73 in
Clearance Circle - Rear	wa1	51 in
Maximum rollback at specified height		72 °
Angle of Approach	a3	90 °
Grouser Height		0.98 in
Track Type / Track Rollers / Roller Type		Rubber / 4 / St
Performances		
Ground Speed - Single Speed		6 mph
Drawbar Pull/Tractive Effort		4400 lb
Bucket Breakout - Tilt Cylinder		2967 lb
Bucket Breakout - Lift Cylinder		3034 lb
Engine		
Engine brand		Yanmar
Engine model		3TNV88C-KMS
Motor Type		Radial Pistor
Gross Power / Power		25.50 kW @ 280
Net Power / Power		23.70 kW / 2800
Max. torque		81 ft/lbs
I.C. Engine power rating		34.20 Hp
I.C. Engine power rating Battery voltage		
		34.20 Hp
Battery voltage		34.20 Hp 12 V 800 A
Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere		34.20 Hp 12 V 800 A
Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Hydraulics		34.20 Hp 12 V 800 A 12 V / 55 A
Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Hydraulics Standard flow - Auxiliary hydraulics		34.20 Hp 12 V 800 A
Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Hydraulics Standard flow - Auxiliary hydraulics Tank capacities		34.20 Hp 12 V 800 A 12 V / 55 A 15 US gpm
Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Hydraulics Standard flow - Auxiliary hydraulics Tank capacities Oil Pan Capacity		34.20 Hp 12 V 800 A 12 V / 55 A 15 US gpm 2 US gal
Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Hydraulics Standard flow - Auxiliary hydraulics Tank capacities Oil Pan Capacity Hydraulic oil tank capacity		34.20 Hp 12 V 800 A 12 V / 55 A 15 US gpm 2 US gal 8 US gal
Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Hydraulics Standard flow - Auxiliary hydraulics Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank		34.20 Hp 12 V 800 A 12 V / 55 A 15 US gpm 2 US gal 8 US gal 10 US gal
Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Hydraulics Standard flow - Auxiliary hydraulics Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity		34.20 Hp 12 V 800 A 12 V / 55 A 15 US gpm 2 US gal 8 US gal 10 US gal 2 US gal
Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Hydraulics Standard flow - Auxiliary hydraulics Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity Displacement / Number of cylinders		34.20 Hp 12 V 800 A 12 V / 55 A 15 US gpm 2 US gal 8 US gal 10 US gal 2 US gal
Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Hydraulics Standard flow - Auxiliary hydraulics Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity Displacement / Number of cylinders Noise and vibration		34.20 Hp 12 V 800 A 12 V / 55 A 15 US gpm 2 US gal 8 US gal 10 US gal 2 US gal 0.43 US gal /
Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Hydraulics Standard flow - Auxiliary hydraulics Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity Displacement / Number of cylinders Noise and vibration Noise to environment (LwA)		34.20 Hp 12 V 800 A 12 V / 55 A 15 US gpm 2 US gal 8 US gal 10 US gal 2 US gal 0.43 US gal / 101 dB
Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Hydraulics Standard flow - Auxiliary hydraulics Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity Displacement / Number of cylinders Noise and vibration		34.20 Hp 12 V 800 A 12 V / 55 A 15 US gpm 2 US gal 8 US gal 10 US gal 2 US gal 0.43 US gal /

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26 in 38 ° 84 in 102 ° 71 in 118 in 89 in 58 in 39 in 72 ° 32 ° 5 in 32 ° 0 in 35 ° 8 in 41 in 10 in 51 in 51 in 54 in 73 in 51 in 72 ° 90° 0.98 in Rubber / 4 / Steel 6 mph 4400 lb 2967 lb 3034 lb Yanmar 3TNV88C-KMSV Radial Piston i.50 kW @ 2800 rpm 8.70 kW / 2800 rpm 81 ft/lbs 34.20 Hp 12 V 800 A 12 V / 55 A 15 US gpm 2 US gal 8 US gal 10 US gal 2 US gal 0.43 US gal / 3 101 dB 85.80 dB 5 PSI

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



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