Technical sheet:

2550RT

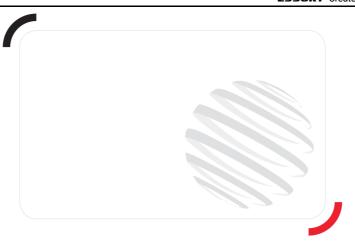




	2550RT Created on July 27, 2024 at 9:54:15 A	M UT
Capacities	Imperial	
Max. capacity	Q 7286 lb	
Operating Weight	11596 lb	
Unladen weight	11596 lb	
Operating Capacity at 35% Tipping Load	2551 lb	
Operating Capacity At 50% Tipping Load	3642 lb	
Tipping capacity	7286 lb	
Weight and dimensions		
Overall Operating Height - Fully Raised	h27 168 in	
Height to Hinge Pin – Fully Raised	h28 128 in	
Dump reach - Full height	r6 34 in	
Dump angle at full height	a5 41 °	
Dump Height - Fully Raised	h29 98 in	
Maximum Rollback Angle - Fully Raised		
- ·		
Overall Height to top of ROPS	h17 83 in	
Overall length with bucket	l16 158 in	
Departure angle	a2 25°	
Overall Length without Bucket	l1 127 in	
Specified Height	h31 68 in	
Reach at Specified Height	r4 31 in	
Dump angle at specified height	a17 66.80 °	
Maximum Rollback Angle at Ground	a13 30°	
Carry Position	d5 8 in	
Maximum Rollback Angle at Carry Position	a14 31.60°	
Digging Position	h32 0.51 in	
Angle of Departure with STD Counterweight	25 °	
Ground clearance	m4 12 in	
Track gauge	b10 52 in	
Track Shoe Width	b20 18 in	
Crawler base	y2 61 in	
Overall width less bucket	b1 69 in	
Bucket Width	e1 84 in	
Clearance Radius - Front with Bucket	b18 98 in	
Clearance Circle - Rear	wa1 71 in	
	66.80 °	
Maximum rollback at specified height		
Angle of Approach	a3 90 °	
Grouser Height	0.98 in	
Track Type / Track Rollers / Roller Type	Rubber / 5 / Steel	
Performances		
Ground Speed - Single Speed	5 mph	
Ground Speed - Two Speed	8 mph	
Drawbar Pull/Tractive Effort	12454 lb	
Bucket Breakout - Tilt Cylinder	8384 lb	
Bucket Breakout - Lift Cylinder	7436 lb	
Engine		
Engine brand	Deutz	
Engine model	TD 3.6 L4	
Motor Type	Axial Piston Planetary Gear Box Reduction	on
Gross Power / Power	55.40 kW @ 2300 rpm	
Net Power / Power	52.70 kW / 2300 rpm	
Max. torque	243 ft/lbs	
I.C. Engine power rating	74.29 Hp	
Battery voltage	12 V	
Cold Cranking Amps at Temperature (CCA)	950 A	
Alternator - Voltage / Ampere	12 V / 120 A	
	12 V / 120 A	
Hydraulics Standard flow: Auxiliary hydraulica	00.110	
Standard flow - Auxiliary hydraulics	29 US gpm	
Tank capacities	A116	
Oil Pan Capacity	2 US gal	
Hydraulic tank capacity	14 US gal	
Fuel tank	32 US gal	
Liquid cooling tank volume	6 US gal	
Displacement / Number of cylinders	0.95 US gal / 4	
Noise and vibration		
Noise to environment (LwA)	106.10 dB	
Noise at driving position (LpA)	85.80 dB	
Miscellaneous		
Ground Pressure	5 PSI	

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
Elevated Planetary Final Drives	Standard
Engine Auto-Shutdown System	Standard
Glowplugs Starts Assist	Standard
Horsepower Management System	Standard
Two-Speed Hydrostatic Drive System	Standard
Operator station	
Air suspension seat	Optional
Drive Sensitivity Adjustment	Standard
Electro-Hydraulic Joystick Controls	Standard
Foot Throttle	Standard
Full-Suspension Seat	Standard
IdealAccess™ Fold-Up Door	Optional
Multi-Function Display Screen	Standard
Pressurized Cab Enclosure with A/C	Optional
Rearview Camera	Standard
ROPS/FOPS Level II Overhead Guard	Standard
Sliding Side Windows	Standard
Swing-out Cab Door	Standard
Variable Speed Control, Selectable On & Off	Optional
Other options Control of the Control	
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	Standard
Easy Manager	Standard
Engine Alert System with Error Display	Standard
Mechanical Lift Cylinder Lock	Standard
Straight Tracking	Standard
Tilt-out Foot Pod	Standard





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