

Technical sheet :

2550 RT



Capacities		Metric	Imperial
Max. capacity	Q	3305 kg	7286 lbs
Operating Weight		5260 kg	11596 lbs
Operating Capacity at 35% Tipping Load		1157 kg	2551 lbs
Operating Capacity At 50% Tipping Load		1652 kg	3642 lbs
Tipping capacity		3305 kg	7286 lbs
Weight and dimensions			
Overall Operating Height - Fully Raised	h27	4267 mm	167.992 in
Height to Hinge Pin - Fully Raised	h28	3251 mm	127.992 in
Reach - Fully Raised	dp1	876 mm	34.488 in
Dump angle at full height	a5	41 °	41 °
Dump Height - Fully Raised	h29	2489 mm	97.992 in
Maximum Rollback Angle - Fully Raised	a4	102.5 °	102.5 °
Overall Height to Top of Rops	h17	2111 mm	83.11 in
Overall length with bucket	l16	4008 mm	157.795 in
Departure angle	a2	25 °	25 °
Overall Length without Bucket	l1	3221 mm	126.811 in
Specified Height	h31	1720 mm	67.717 in
Reach at Specified Height	r4	795 mm	31.299 in
Dump angle at specified height	a17	66.8 °	66.8 °
Maximum Rollback Angle at Ground	a13	30 °	30 °
Carry Position	d5	208 mm	8.189 in
Maximum Rollback Angle at Carry Position	a14	31.6 °	31.6 °
Digging Position	h32	13 mm	0.512 in
Angle of Departure with STD Counterweight		25 °	25 °
Ground clearance	m4	313 mm	1026 ft 11 in
Track gauge	b10	1313 mm	51.693 in
Track Shoe Width	b20	450 mm	17.717 in
Crawler base	y2	1562 mm	61.496 in
Overall width less bucket	b1	1765 mm	69.488 in
Bucket Width	e1	2131 mm	83.898 in
Clearance Radius - Front with Bucket		2499 mm	98.386 in
Clearance Circle - Rear	wa1	1796 mm	70.709 in
Maximum rollback at specified height		66.8 °	66.8 °
Angle of Approach		90 °	90 °
Grouser Height		25 mm	0.984 in
Track Type / Track Rollers / Roller Type		Rubber / 5 / Steel	Rubber / 5 / Steel
Performances			
Ground Speed - Single Speed		8.5 km/h	5.3 mph
Ground Speed - Two Speed		12.1 km/h	7.5 mph
Drawbar Pull/Tractive Effort		5649 kg	12454 lbs
Bucket Breakout - Tilt Cylinder		3803 kg	8384 lbs
Bucket Breakout - Lift Cylinder		3373 kg	7436 lbs
Engine			
Engine brand		Deutz	Deutz
Engine model		TD 3.6 L4	TD 3.6 L4
Motor Type		Axial Piston Planetary Gear Box Reduction	Axial Piston Planetary Gear Box Reduction
Gross Power (kW) / Gross Power		55.4 kW / 2300 tr/min	55.4 kW / 2300 tr/min
Net Power (kW) / Net Power		52.7 kW / 2300 tr/min	52.7 kW / 2300 tr/min
Max. torque		330 Nm/m	330 Nm/m
Battery		12 V	12 V
Cold Cranking Amps at Temperature (CCA)		950	950
Alternator - Voltage / Ampere		12 V / 120 A	12 V / 120 A
Hydraulics			
Auxiliary hydraulics		110 l/min	110 l/min
Tank capacities			
Oil Pan Capacity		8.50 l	1.87 gal
Hydraulic tank capacity		52.20 l	11.48 gal
Fuel tank		121.10 l	26.64 gal
Coolant Capacity		23.10 l	5.08 gal
Displacement / Number of cylinders		3.60 l / 4	0.79 gal / 4

Noise and vibration			
Environmental noise (LwA)		106.1 dB(A)	106.1 dB(A)
Noise at driving position (LpA)		85.8 dB(A)	85.8 dB(A)
Miscellaneous			
Ground Pressure		0 Bar	0 PSI

Equipment

Selectable Self-Leveling Hydraulic Lift Action 4	Optional
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 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
Pneumatics	
Rubber Track Undercarriage System	Standard
Single Flange Front/Dual Flange Rear Idlers	Standard
Safety	
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
Secondary functions	
Counterweight	Standard
Dedicated Undercarriage	Standard



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