



R165

CONTROL TYPES

OPTIONAL



T-BAR



HAND/FOOT



JOYSTICK

When it's time to get a high-performance and versatile solution for your agricultural and construction operations choose the R165. A true crowd favorite. Compact body style with true raw power. With perfect all-terrain maneuverability, this machine is ideal for your most demanding applications in confined spaces and on uneven ground. Combining driving comfort, precision of movement, multifunction use (thanks to endless attachments available).

748 kg
OPERATING CAPACITY
[AT 50% TIPPING LOAD]

1.58 m
OVERALL WIDTH
[LESS BUCKET]



Capacities	Metric	Imperial
Rated Operating Capacity	748 kg	1650 lb
Rated Operating Capacity with Optional Counterweight	816.50 kg	1800 lb
Unladen weight	2796 kg	6164 lb
Weight and dimensions		
Overall Operating Height - Fully Raised	3876 mm	153 in
Height to Hinge Pin - Fully Raised	3009.90 mm	118 in
Overall Height to Top of ROPS	1955.80 mm	77 in
Dump angle at full height	38 °	38 °
Dump height	2379 mm	94 in
Overall length with bucket	3101 mm	122 in
Dump reach - Full height	579 mm	23 in
Rollback at ground	28 °	28 °
Seat to ground height	904 mm	36 in
Wheelbase	966 mm	39 in
Overall width less bucket	1580 mm	62 in
Bucket Width	1562 mm	61 in
Ground clearance	160 mm	6 in
Overall length - Less Bucket	2385 mm	94 in
Departure angle	21 °	21 °
Clearance Radius - Front with Bucket	1869 mm	74 in
Clearance Circle - Front without Bucket	1153 mm	45 in
Clearance Circle - Rear	1466 mm	58 in
Performances		
Travel Speed with Two-Speed Option - Maximum	19.50 km/h	12 mph
Travel speed (unladen)	12.60 km/h	8 mph
Wheels		
Standard tires	10.00x16.5 HD	10.00x16.5 HD
Engine		
Engine brand	Yanmar	Yanmar
Engine model	4TNV98C-NMS2V	4TNV98C-NMS2V
Engine norm	Stage V	Stage V
Gross Power (kW)	51.70 kW	69.3 hp
Net Power (kW)	51 kW	68.4 hp
Max. torque / Engine rotation	241 Nm / 1625 rpm	178 ft./lbs / 1625 rpm
Battery	12 V	12 V
Starter (kW)	3 kW	4 hp
Hydraulics		
Standard flow - Auxiliary hydraulics	77 l/min	20 US gpm
High-Flow Auxiliary Hydraulics - Option	114 l/min	30 US gpm
Tank capacities		
Fuel tank	62.50 l	17 US gal
Reservoir Capacity Hydraulics	39 l	10 US gal
Displacement	3.30 l	0.87 US gal
Noise and vibration		
Environmental noise (LwA)	101 dB	101 dB
Whole-Body Vibration (ISO 2631-1)	1.05 m/s ²	1.05 m/s ²
Vibration to whole hand/arm	< 1.53 m/s ²	< 1.53 m/s ²