



# R105



## CONTROL TYPES

OPTIONAL



T-BAR



HAND/FOOT

Experience versatility with the R105, an ultra-compact Skid Loader that easily navigates tight spaces to handle the real-world demands tough operators like you face on a daily basis. Built to get work done on any terrain and in any condition, this nimble machine is compatible with our wide variety of Skid Loader attachments—adapting to whatever challenges are waiting on your to-do list. A whole lotta machine in a small package, the R105 is perfect for those looking to transform their property or business operations with a multi-purpose workhorse.

**467 kg**  
OPERATING CAPACITY  
[AT 50% TIPPING LOAD]

**1.8 m**  
OVERALL HEIGHT  
[1,24 M WIDE WITHOUT BUCKET]



Capacities	Metric	Imperial
Rated Operating Capacity	476 kg	1050 lb
Rated Operating Capacity with Optional Counterweight	533 kg	1175 lb
Unladen weight	1965 kg	4200 lb
Weight and dimensions		
Overall Operating Height - Fully Raised	3607 mm	142 in
Height to Hinge Pin - Fully Raised	2731 mm	108 in
Overall Height to Top of ROPS	1784 mm	70 in
Dump angle at full height	40°	40°
Dump height	2083 mm	82 in
Overall length with bucket	2997 mm	118 in
Dump reach - Full height	641 mm	25 in
Rollback at ground	31°	31°
Seat to ground height	826 mm	33 in
Wheelbase	876 mm	34 in
Overall width less bucket	1232 mm	49 in
Bucket Width	1372 mm	54 in
Ground clearance	159 mm	6 in
Overall length - Less Bucket	2248 mm	89 in
Clearance Radius - Front with Bucket	1829 mm	72 in
Clearance Circle - Front without Bucket	1067 mm	42 in
Clearance Circle - Rear	1372 mm	54 in
Performances		
Travel speed (unladen)	8.26 km/h	5 mph
Wheels		
Standard tires	27x8.5x15 HD	27x8.5x15 HD
Engine		
Engine brand	Yanmar	Yanmar
Engine model	3TNV88C-KMSV Stage V	3TNV88C-KMSV Stage V
Engine norm	Stage V	Stage V
Gross Power (kW)	25.50 kW	34.2 hp
Net Power (kW)	23.70 kW	31.78 hp
Max. torque / Engine rotation	109.40 Nm / 1820 rpm	81 ft / lbs / 1820 rpm
Battery	12 V	12 V
Starter (kW)	2.30 kW	3.08 hp
Hydraulics		
Standard flow - Auxiliary hydraulics	55 l/min	15 US gpm
Tank capacities		
Fuel tank	43.18 l	11 US gal
Reservoir Capacity Hydraulics	30.30 l	8 US gal
Displacement	1.64 l	0.43 US gal
Noise and vibration		
Environmental noise (LwA)	101 dB	101 dB
Whole-Body Vibration (ISO 2631-1)	1.12 m/s <sup>2</sup>	1.12 m/s <sup>2</sup>
Vibration to whole hand/arm	< 1.70 m/s <sup>2</sup>	< 1.70 m/s <sup>2</sup>