

SANY®

QUALITY CHANGES THE WORLD

SSR212

SANY Road Roller



Cummins
Engine Model



119kW
Rated power



60%
Theoretical gradeability



T4f
Emission standard

High-performance compaction

High-frequency vibration and consistent compaction technology (with maximum vibration frequency of 36Hz and amplitude uniformity of <5%) for higher compaction efficiency (improved by 10%) and smoother compacted surface.

Energy efficiency and economy

ECO technology adopted for a combined fuel consumption as low as 9.7L/h while keeping the engine speed at the optimal economic zone (1600rpm) and the compaction performance unchanged.

High adaptability

Synchronized flow divider valve and differential lock rear axle adopted to intelligently match the front and rear driving forces, with both forward and backward gradient reaching 50%, featuring anti-skid and recovery capability and strong adaptability.

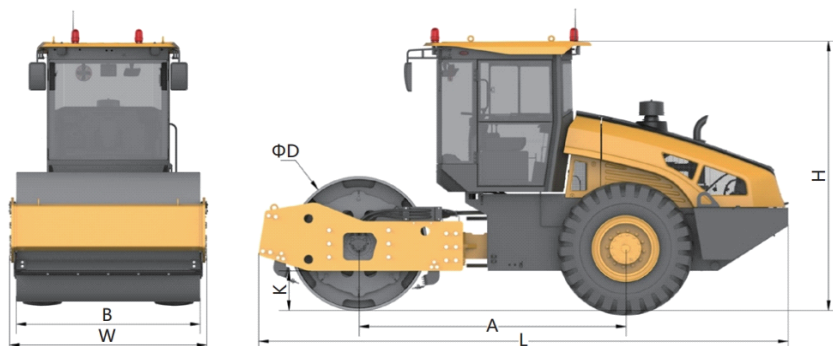
Driving comfort

New streamlined noise-reduction and vibration-damping cab features a high-capacity A/C with defrost/defog functions, an air-suspension seat, an adjustable steering wheel with a sliding armrest, and a 7-inch full LCD display, comprehensively enhancing ergonomics and comfort for high-end driving experience.

Overall Dimensions

The following specifications refer to the standard configuration. Actual values may vary depending on selected optional equipment.

Unit: mm



Reminder:

Any change in the technical parameters and configuration due to product modification or upgrade may occur without prior notice. The machine in the picture may include additional equipment. This brochure is for reference only, and goods in kind shall prevail. Copyright at SANY. No part of this brochure may be copied or used for any purpose without written approval from SANY.

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Technical Specifications

| CATEGORY | ITEM | UNIT | PARAMETERS |
|---------------------------------|--|------|----------------------------|
| Power parameters | Engine Model | - | Qummins QSB4.5 |
| | Rated Power | kW | 119 |
| | Emission | - | T4f |
| Mass load | Operating Weight | kg | 12100 |
| | Weight at Drum | kg | 6930 |
| | Weight at Axle | kg | 5170 |
| | Static Linear Load | N/cm | 319 |
| Vehicle parameters | Overall dimensions (length×width×height) | mm | 5785×2285×3000 |
| | Vibration frequency | Hz | 32/36 |
| Compaction mechanism parameters | Nominal amplitude | mm | 1.8/0.9 |
| | Centrifugal Force | kN | 280/178 |
| | Dia. of vibratory drum | mm | 1500 |
| | Width of vibratory drum | mm | 2130 |
| | Thickness of drum | mm | 25 |
| Maneuverability parameters | Travel speed | km/h | 0~5 0~6 0~7.5 0~9 |
| | Theoretical gradeability | % | 60 |
| | Min. clearance to ground | mm | 431 |
| | Wheelbase | mm | 2940 |
| | Steering angle | ° | ±35 |
| | Swing angle | ° | ±12 |
| | Min. outside turning diameter | mm | 11700 |
| | Tires | mm | 23.1~26 |
| | Fuel Tank | L | 200 |
| | Hydraulic Tank | L | 80 |
| Capacity parameters | Battery | V×Ah | 24×120 |

Configuration

● Standard ○ Optional

| ITEM | SSR212 | ITEM | SSR212 |
|-----------------------------|--------|---|--------|
| Smooth drum | ● | Herringbone tire | ○ |
| Detachable pad | ○ | Heavy-duty floatation tire (Heavy-duty floatation tire) | ● |
| Welded pad | ○ | Intelligent compaction system | ○ |
| Cab | ● | Rearview camera | ● |
| Operator Canopy | ○ | Manual release of parking brake | ○ |
| Differential lock rear axle | ● | Synchronous flow division and anti-skidding | ○ |
| Hand rest | ○ | | |