



EFQM®



SDLG machines are built to be like the people that own them: hardworking, genuine and reliable. Cost effective, robust machines with fuel efficient engines that are easy to operate and easy to maintain. And when you need parts or service, you can trust your dealership to deliver on the SDLG promise: **Reliability in Action.**

RC730

Full hydraulic drive road roller

RC730 Full hydraulic drive road

RC730 is a full hydraulic drive road roller with front steel wheel and rear rubber wheel. As a combination of steel wheel and rubber wheel, the front steel wheel compacts by vibrating, and the rear rubber compacts by rubbing, which The compaction process accompanied by rubbing makes the compaction layer particles not destroyed and inlaid, so that the road roller achieves uniform and dense effect, good mobility, fast travel speed, and high compaction efficiency.

Reliable and Stable

- Parking brake test switch: Press the test switch and parking brake at the same time, push the walking handle to see whether it's walking, if not, it indicates that the parking brake is effective.
- Braking mode: Press the red emergency brake button to cut off the power of the whole machine to achieve emergency braking. Press P to cut off the power of the brake solenoid valve to achieve the parking brake.
- Sprinkler flow potentiometer: The amount of water sprinkling can be adjusted steplessly. 0 for stopping; I for continuous spraying; black fan for intermittent spraying, the larger the fan angle is, the longer the intermittent time is. Water is sprayed water only when walking.



- Vibration start switch: press the vibration start button to start vibration, and press again to stop.
- Walking handle (right): F for front, R for rear, N for neutral. When the handle is back to the neutral position, the oil inlet port and oil return port of motor are in close state. The hydrostatic braking is adopted to achieve flexible parking.
- Accelerator control handle (left): mechanical accelerator, stepless speed regulation; accelerator is smaller in the turtle direction; accelerator is larger in the rabbit direction.



Energy Saving and High Efficiency

- The through-axis excitation mechanism patented by SDLG (single eccentric block, single amplitude) has good amplitude consistency and good compaction quality.
- Excitation force is the largest among industry similar products, and compaction efficiency is high.
- Engine manufactured by Kubota for SDLG and Poclair variable piston walking motor guarantee strong power, large driving force and high compaction efficiency.
- Engine manufactured by Kubota for SDLG has stable and mature quality and high reliability.
- Standardized with Donaldson high-end air filter: Being fit with the hood air inlet, it has high filtration efficiency, and completely solves the engine early wear problems in the industry.
- Walking system: Poclair variable piston walking motor provides large driving force, stable transmission, and high reliability.
- Vibration system: Vibration pump/vibrator motor from sauer, an internationally renowned brand, has stable quality and reliable performance.

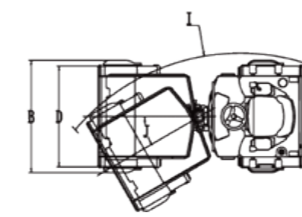
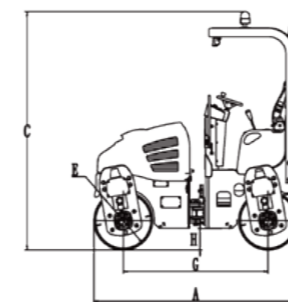


Comfortable and Convenient

- Instrument desk: integrating the functions of light, water sprinkling, vibration and braking.
- Functional handle: The walking handle (right), vibration start switch (right), accelerator handle (left), starting key (lower right), vibration wheel selection switch (lower right), etc., are accessible and easy to operate.
- Filters adopting centralized arrangement: open hood, which can be maintained by standing on the ground; maintenance parts are centrally arranged, and serial numbers 1-5 are hydraulic oil shell return filter, oil-water separator, fuel refining filter, air filter, and water filter, respectively.
- Oil outlet concentration: The hydraulic oil dispersion, hydraulic tank and engine oil outlet are arranged in centralized manner.



Main parameter



Optional Equipment
Weather canopy
Suspension seat
Thickened floor
Extra Lighting

Item	Specifications
Overall dimensions	
LxWxH	2424x1337x2678mm
Width of vibratory drum	1200mm
Diameter of vibratory drum	700mm
Wheelbase	1728mm
Min.ground clearance	260mm
Min.turning radius	3818mm
Inside turning radius	2618mm
Compaction width	1200mm
Theoretical gradeability	40%
Swing angle	±5°
Turning angle	30°
Drum thickness	13mm
Overall performance	
Operating weight	3000kg
Front wheel distributed weight	-kg
Rear wheel distributed weight	-kg

Item	Specifications
Engine	
Nominal amplitude (high/low)	0.5mm
Frequency	55/67Hz
Excitation force (high/low)	46/31kN
Static linear load	120/-N/cm
Engine	
Model	D1803-M-DI-ET05
Type	Inline, water-cooled, four-stroke, direct injection
Rated Power/Speed	24.4kW/2400r/min
Engine displacement	1826ml
Cylinder bore /stroke	87/102.4mm
Emission standard	GB 20891-2014
Min. Fuel-consume ratio	251g/kW.h
Max.torque	111.9N.m
Transmission system	
Service brake type	Forward 1 reverse 1
Parking brake type	0 ~ 10km/h
Emergency braking	0 ~ 10km/h

Item	Specifications
Brake system	
Service brake type	Return control lever to neutral position
Parking brake type	SAHR
Emergency braking	Press the red emergency stop switch
Steering system	
Type	Full hydraulic steering
System pressure	14Mpa
Vibratory system	
Type	Open-type system
System pressure	25MPa
Fill capacity	
Fuel	40L
Hydraulic oil	45L
Engine	7L
Vibrating wheel	14.5L
Water	245L

* The right of final interpretation of the abovementioned parameters shall be reserved by SDLG. No further notice will be given in case of any change. Illustrations in the text may not always be the standard illustrations for this model.