

Reliability In Action

Customer service is first priority

SDLG focuses on delivering outstanding customer service throughout a machine's life cycle. Its integrated service management system monitors and analyzes the machine's functions to ensure that it is working at optimum capacity, while service alerts notify customers about forthcoming maintenance checks. SDLG's attention to detail is one of the ways it continues to be the industry's No. 1 in terms of customer service satisfaction.

Value-added service

SDLG's aftercare promise guarantees high quality service and offers experts who are on-hand to answer any questions or to solve problems. SDLG's service team uses advanced technology to support its maintenance checks in the field. Moreover, it aims to work with customers to define an efficient business solution.

Global service network

SDLG's worldwide service and spare parts network provides fast, efficient and professional round-the-clock service, anytime, anywhere. SDLG exceeds customers' expectations.



Congratulations SDLG for winning
EFQM Global Excellence Award
One of the top three quality awards in the world

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RS7100H/RS7120H

**Fully Hydraulic Single-Drum
Vibratory Road Roller**

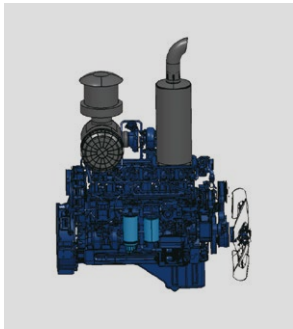


RS7100H/RS7120H

Fully Hydraulic Single-Drum Vibratory Road Roller

ENGINE SYSTEM

- Weichai engine,high-pressure common rail, supercharged intercooling, three-stage fuel filtration, strong power, energy-saving and efficient



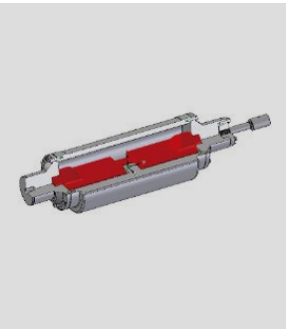
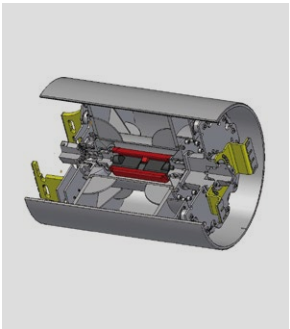
COMFORTABLE CABIN

- Newly upgraded H series cab with beautiful appearance, wide view and comfortable driving experience
- The rocker switch has a variety of functions and a reasonable layout
- New instrument panel, human-machine interaction interface is vivid, the whole machine status information is simple and obvious



ADVANCED VIBRATION SYSTEM

- Vibrating wheel adopts through-axis design, amplitude is stable and consistent,good compaction performance



EASY MAINTENANCE

- Engine filter is centrally located on one side for easy maintenance
- The engine hood is equipped with an electric actuator, which can be opened and closed with one key, a large opening and closing angle for easy maintenance
- Fuse control box centrally arranged, easy to do maintenance and repair
- Air conditioning filter is outside mounted, easy to remove and clean



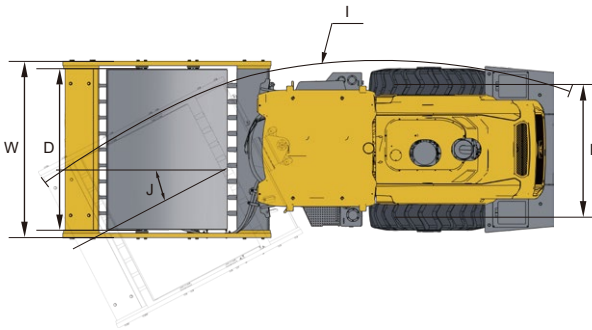
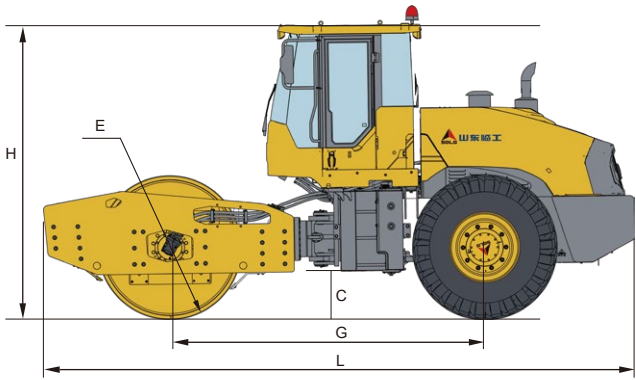
ROBUST STRUCTURES

- Front and rear frame articulated connection, high reliability, small turning radius
- Internationally famous brand drive axle, large driving force, smooth running, superior performance and long service life



Main performance and parts specifications

RS7100H/RS7120H



Item	Specifications	
	RS7100H	RS7120H
Overall dimensions		
LxWxH	5555x2298x3150mm	5947x2316x3170mm
Width of vibratory drum(D)	2130mm	2130mm
Wheel tread(F)	-	-
Wheelbase(G)	3040mm	3284mm
Min. ground clearance(C)	350mm	355mm
Min. turning radius(I)	6000mm	6400mm
Compaction width(D)	2130mm	2130mm
Theoretical gradeability	30%	30%
Turning angle(J)	±35°	±35°
Overall performance		
Operating weight	10000kg	12000kg
Front wheel distributed weight	5770kg	6920kg
Rear wheel distributed weight	4230kg	5080kg
Nominal amplitude (high/low)	1.82/0.8mm	1.9/0.95mm
Frequency	30/33Hz	30/33Hz
Excitation force (high/low)	245/139kN	270/163kN
Static linear load	265N/cm	318N/cm
Engine		
Model	WP4.1G110E311	WP6G125E202
Type	Inline, water-cooled, four-stroke, direct injection	Inline, water-cooled, four-stroke, direct injection
Rated Power/Speed	82kW	92kW
Engine displacement	4088ml	6750ml
Cylinder bore /stroke	105/118mm	105/130mm
Emission standard	GB20891-2014(China III)	GB 20891-2007(China II)
Min. Fuel-consume ratio	≤240g/kW.h	≤220g/kW.h

Item	Specifications	
	RS7100H	RS7120H
Max. torque	460m/(1400-1600)r/min	540N.m/(1300~1500)r/min
Transmission system		
Clutch type	-	-
Transmission type	-	-
Gears	Forward 2&reverse 2	Forward 2&reverse 2
Speed at forward gear I	0-5.8km/h	0-5.3km/h
Speed at forward gear II	0-13km/h	0-12km/h
Speed at reverse gear I	0-5.8km/h	0-5.3km/h
Speed at reverse gear II	0-13km/h	0-12km/h
Brake system		
Service brake type	Return control lever to neutral position to apply service brake	Return control lever to neutral position to apply service brake
Parking brake type	Press rocker switch to apply parking brake	Press P to apply parking brake
Steering system		
Type	Open-type system	Open-type system
System pressure	14Mpa	14Mpa
Swing angle	±12	±12°
Vibratory system		
Type	Closed system	Closed system
System pressure	-	-
Fill capacity		
Fuel	230L	270L
Hydraulic oil	88L	93L
Engine	17L	16L
Transmission	-	-
Drive axle (main drive and wheel reducer)	12L	12L
Brake system	-	-

*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.