



Reliability In Action

RS7140H / RS7160H

ROAD ROLLER

Engine power: 118 kW

Nominal Amplitude Range: 2.0/1.0 mm

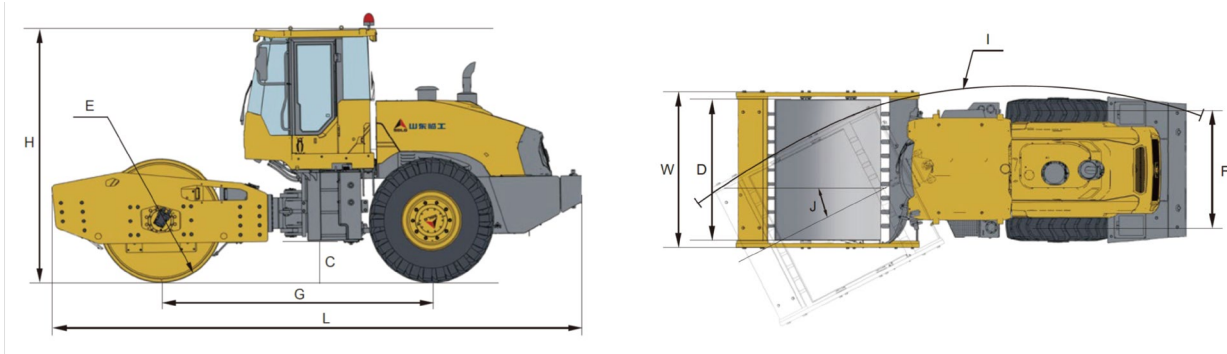
Vibration Frequency: 30/33 Hz



**Powerful Engine,
High Compaction Efficiency**

**High-End Design,
Reliable & Durable**

**Comfortable & Safe,
Easy Maintenance**



Overall dimensions		RS7140H RS7160H		Engine		Service capacities		
LxWxH (mm)	6121×2300×3380 6315×2318×3380			Engine model	WP6G160E201		Fuel capacity (L)	270
Width of vibratory drum (D)(mm)	2130			Engine type	In-line, Water-cooled, Four-stroke, Direct Injection Diesel Engine		Hydraulic oil (L)	93
Wheel tread (F)(mm)	-			Rated Power/Speed (kW/rpm)	118		Engine oil (L)	16
Wheelbase (G)(mm)	3260 3336			Engine displacement (ml)	6750		Drive axle main drive and wheel reducer (L)	32
Min ground clearance (C)(mm)	-			Cylinder bore/stroke (mm)	105/130		Chamber Gear Oil (L)	13
Min turning radius (I)(mm)	6400 6446			Emission standard	GB 20891-2007(China Stage II)			
Theoretical gradeability	30%			Min. Fuel-consume ratio (g/kW.h)	≤196			
Turning angle (J)(°)	±35°			Max. torque (N.m/rpm)	600/1400~1600			
Overall performance		RS7140H RS7160H		Brake system		STD configuration		
Operating weight (kg)	14250 16000			Service brake type	Travel Control Lever Returns to Neutral Position		Weichai WP6G160E201	
Wheel distributed weight (front/rear)(kg)	14250(8025/6225) 16000(9595/6405)			Parking brake type	-		Closed Circuit Vibration System	
Nominal amplitude (high/low)(mm)	2.0/1.0					Closed-Circuit Hydraulic System for Front and Rear Wheels		
Vibration frequency (Hz)	30/33					Single Drum Smooth Wheel Vibratory Roller		
Excitation force (high/low)(kN)	310/200 325/220					Split-type Cab		
Static linear load (N/cm)	377 450					Air Conditioner		
Transmission system				Steering system		Pneumatic Tire		
Speed at forward gear (km/h)	0~4.3/0~9			Steering system type		Open Circuit System		
Speed at reverse gear (km/h)	0~4.3/0~9			System pressure (MPa)		14		
				Swing angle (°)		±12		
				Vibratory system		Rotating Beacon		
				Vibratory system type		Closed Circuit System		
						Options		
						Water-filled Tire		
						Antifreeze Cold Environment Module		
						Road Roller Flameout Cable Module		
						Lug Housing Assembly		

*SDLG reserves the right to change specifications and materials at any time without prior notification. Features of the machine in photos may include additional equipment. If you need more information and available options, please contact your local distributor or SDLG.



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