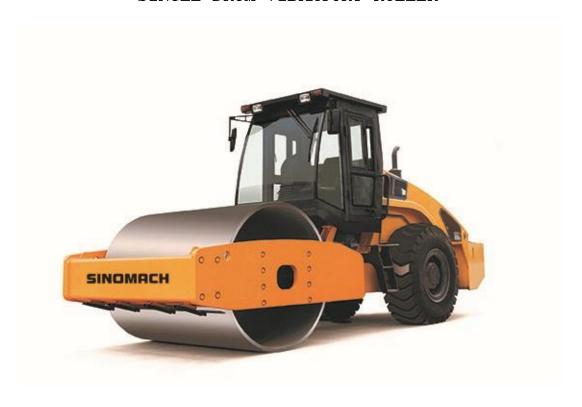
GYS12J SINGLE DRUM VIBRATORY ROLLER



Application

Suitable for compaction of large-scale engineering foundations such as high-grade roads, dams, railways, airports, etc. It can crush non-stick materials such as sand, gravel, gravel, rock fill and semi-stick materials.

<u>Characteristic</u>

- 1. Equipped with 4-cylinder supercharged Weichai power, with large power reserve, high efficiency, energy saving and environmental protection, and the emission reaches the national standard II
- 2. Mechanical drive, three speeds
- 3. Hydraulic vibration, electric control, vibration, large centrifugal force, good compaction performance
- 4. Hydraulic steering, articulated frame, light and flexible steering, light and flexible operation

- 5. Equipped with a special gearbox for the roller with a synchronizer, which has large transmission torque and light shifting
- 6. Gas-assisted hydraulic caliper disc driving brake, mechanical parking drum brake, safe and reliable
- 7. The rear hood can be turned up at a large angle for easy maintenance
- 8. Hydraulic components use well-known brands and reliable performance
- 9. Standard cab, optional air conditioning

Main parameter				
Operating weight	12,000 kg			
Vibratory drum diameter	1,430 mm			
Compaction width	1,980 mm			
Static line pressure	285 N/cm			
Min. ground clearance	380 mm			
Wheel base	2,900 mm			
Min. turning radius	5,800 mm			
Gradeability	30%			
Vibratory amplitude	1.6/0.8 mm			
Vibratory frequency	30 Hz			
Centrifugal force	265/125 kN			
Travelling speed				
(Forward)	I/II/III 2.0/4.2/8.7 km/h			
(Reverse)	I/II 2.0/4.2 km/h			
Tyre model	17.5-25-12PR			
Engine model	WEICHAI WP4G110E221			
Rated power	82 kW			
Rated speed	2,000 r/min			
Dimension (Length \times Width \times Height)	5,570 x 2,160 x 3,010 mm			

Main configuration

S/N	ITEM	MODEL	NO.	MANUFACTURER
1	Engine	WP4G110E221	1	WEICHAI
2	Transmission	CAP5-50GF05	1	FAW
3	Driving axle	CY1621A	1	XUZHOU
4	Tyre	17.5-25	2	BAOXIA
5	Vibratory pump	P5100	1	PERMCO
6	Vibratory motor	M5100	1	PERMCO

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