

## GYS10J

### 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, rock fill and semi-stick materials.

#### Characteristic

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**

<b>MODEL : GYS10J</b>	
<b>Operating weight</b>	<b>10,000 kg</b>
<b>Vibratory drum diameter</b>	<b>1,430 mm</b>
<b>Compaction width</b>	<b>1,980 mm</b>
<b>Static line pressure</b>	<b>240 N/cm</b>
<b>Min. ground clearance</b>	<b>380 mm</b>
<b>Wheel base</b>	<b>2,900 mm</b>
<b>Min. turning radius</b>	<b>5,800 mm</b>
<b>Gradeability</b>	<b>30%</b>
<b>Vibratory amplitude</b>	<b>1.6 / 0.8 mm</b>
<b>Vibratory frequency</b>	<b>30 Hz</b>
<b>Centrifugal force</b>	<b>225 / 105 kN</b>
<b>Travelling speed</b>	
<b>( Forward )</b>	<b>I / II / III 2.0/4.2/8.7 km/h</b>
<b>( Reverse )</b>	<b>I / II 2.0/4.2 km/h</b>
<b>Tyre model</b>	<b>17.5 – 25 - 12PR</b>
<b>Engine model</b>	<b>WEICHAI WP4G110E221</b>
<b>Rated power</b>	<b>82 kW</b>
<b>Rated speed</b>	<b>2,000 r/min</b>
<b>Dimension</b>	<b>5,570 x 2,160 x 3,010 mm</b>

## Main configuration

S/N	ITEM	MODEL	NO.	MANUFACTURER
1	Engine	WP4G	1	WEICHAI
2	Transmission	CAP5	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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ข้อมูลอาจมีการเปลี่ยนแปลง เนื่องจากผู้ผลิตมีการพัฒนาคุณภาพเครื่องจักรอย่างต่อเนื่อง