



Equip the world and create value



SINGLE DRUM VIBRATORY ROAD ROLLER

GYS10J

MAIN FEATURES

- Mechanical drive, three-speed gear.
- Hydraulic vibration, with super compaction performance; electronic control delay vibrate with smooth transition.
- Hydraulic steering, articulated frame with flexible steering and operation.
- Adopt specific gearbox with synchronizer, big transmission torque, easy to shift gear.
- Gas-assisted hydraulic clamp disc service brake, internal expanding drum mechanical parking brake, safe and reliable.
- Rear engine cover can be turned up for big angle for convenient maintenance.
- Equipped with famous brand hydraulic components with reliable performance.
- Standard equipped with cabin, air conditioner is for your choice.

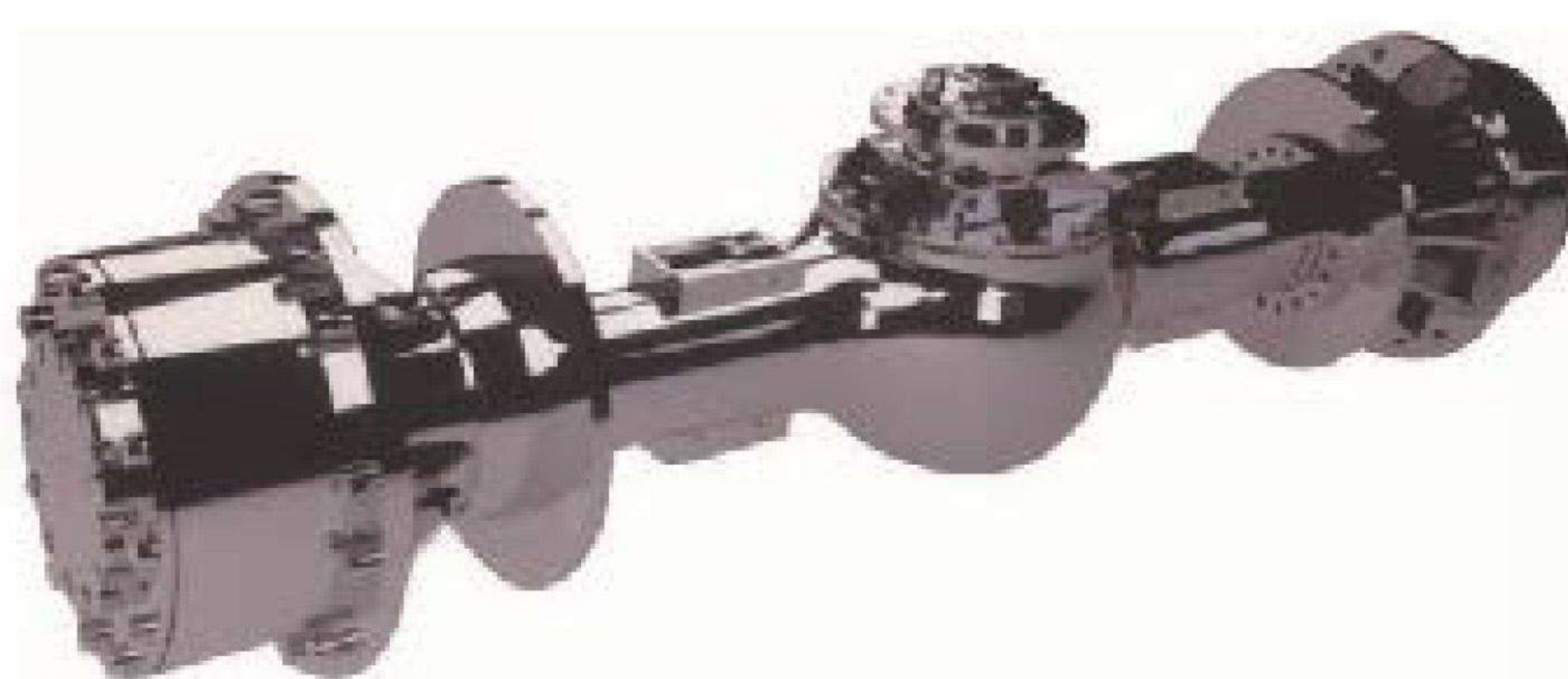
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SINGLE DRUM VIBRATORY ROAD ROLLER

Applications

Compacting the foundation of large infrastructure projects, such as highway, dam, railway, airport, also non-cohesive and semi-cohesive materials, such as sand, gravel, macadam, rock fill.

Transmission,brake system



Equipped with drive axle with differential and caliper disc brakes for high traction and good performance.

Equipped with the specific gearbox of the roller with synchronizer, with light and comfortable shifting and reliable performance.

It has two sets of brake systems, the service brake is air-cylinder caliper disc type, and the parking brake is an internal-up type drum type with high safety.

TECHNICAL SPECIFICATIONS

Item	Parameters
Operating weight(kg)	10000
Drum width(mm)	2100
Static line pressure (N/cm)	240
Vibration frequency (Hz)	30
Centrifugal force(kN)	225/105KN
Travel speed(km/h)	
Forward I / II / III	2.0/4.2/8.7
Backward I / II	2.0/4.2
Diesel engine	WP4G110E221
Rated power (kW)	82
Rated speed (r/min)	2000
Dimensions (L*W*H) (mm)	5570*2250*3080

Engine

4-cylinder, superpressurized, world famous WEICHAI (YUCHAI is optional) engine with power reserve, high efficiency, ultra-low fuel consumption, energy saving and environmental protection.



Vibration system

Vibration system: famous brand gear pump and gear motor with high efficiency and reliable quality.

Electronic control vibration, easy to operate, with high and low amplitude vibration selection, excellent compaction performance.

Adopt three-stage shock absorption with shock absorption performance.

Adopt unique vibration wheel structure, processing technology, assembly and high-quality bearings with long maintenance cycle.

Cabin

Beautiful machine modeling , sealed soundproof cabin. There are shock measures with comfort driving.

European streamlined design for rear cover, which can be opened for a big angel, with convenient daily maintenance.

国机重工集团国际装备有限公司

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