



LGC203 Tandem Vibratory Roller (Mechanical Transmission)

LGC203 is a small-size Tandem Vibratory Roller, it is applied to mending and maintaining various roads, expressway shoulder, side walk, parking area, sports ground and garden lawn. It is especially suited for compaction of pipeline channel and drainage trench etc.

Features:

Mechanical drive, hydraulic vibration and steering

Reliable and super engine of ChangChai with large power storage, low oil consumption

Compact design and small size

Scrapers and sprinkling devices on all drums

Engine	
Model	LGC203
Type	Vertical, water cooled, direct injection
Rated power	21KW
Rated speed	2400rpm
Main Technical Specification	
Operating weight	3000kg
Type	Hydraulic single drum vibration
Frequency	50Hz
Amplitude	0.5mm
Static linear load	128/172N/cm
Drum shell thickness	12mm
Drum width	1000mm
Centrifugal force	30KN×2
Transmission System	
Type	Mechanical drive(Gear box)
Grade ability	20%
Gear shifts(Forward/Reverse)	F2/R2
Traveling speed(km/h)	
Forward/Reverse I	2.2/2.2
Forward/Reverse II	5.6/5.6
Axle	

Shanghai Longji Construction Machinery Co., Ltd.

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Drive type	Rear wheel drive
Front axle load	1280kg
Rear axle load	1720kg
Steering System	
Type	Hydraulic articulated steering
Steering cylinder	Two cylinders
Steering pump	Gear pump
Min. steering radius	4600mm
Braking System	
Service brake	Oil cut off brake
Parking brake	Mechanical
Dimensions	
Overall length	2900mm
Overall width	1314mm
Overall height	2600mm
Wheel base	2100mm
Drum Dia.	800mm
Ground clearance	220mm
Service Capacities	
Fuel tank	70L
Water tank	100L

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