



SWC203H Tandem Vibratory Roller Hydraulic Transmission)

SWC203H hydraulic tandem vibratory roller, which is dual wheel drive, total hydraulic pressure, articulated direction change, auto-watering on the front and rear wheel. It is a double drums tandem vibratory roller and may vibrate in double drums or single drum. SWC203H roller is applied to mending and maintaining various roads, expressway shoulders, sidewalk, parking area, sports ground and garden lawn.

Features:

Reliable and superid engine of ZN390Q with large power storage and low oil consumption

Full hydraulic travel and vibration drive in both drums

Compact design and small size

Hydraulic center articulated steering

Vertical vibration with great excited force and high efficiency

Equipped with stopping push button

Engine	
Model	Cummins A1700
Type	Vertical, water cooled, direct injection
Rated power	28KW
Rated speed	2800rpm
Main Technical Specification	
Operating weight	3000kg
Type	Hydraulic vibration
Frequency	50Hz
Amplitude	0.5mm
Static linear load	120/120N/cm
Vertical oscillation	8°
Drum shell thickness	12mm
Centrifugal force	30KN×2
Transmission System	
Type	Hydraulic drive
Grade ability	30%

Shanghai Longji Construction Machinery Co., Ltd.

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Traveling speed(km/h)	
Forward/Reverse	0-11
Traveling pump	SAUER/REXROTH piston pump
Traveling motor	SAUER/REXROTH piston motor
Axle	
Drive type	Dual wheel drive
Front axle load	1500kg
Rear axle load	1500kg
Steering System	
Type	Articulated frame, hydraulic steering
Steering cylinder	Two cylinders
Steering pump	Gear pump
Steering angle	±30°
Min. steering radius	5000mm
Braking System	
Service brake	Oil cut off brake
Parking brake	Button operated
Dimensions	
Overall length	2760mm
Overall width	1400mm
Overall height	2430mm
Drum width	1250mm
Wheel base	2100mm
Drum Dia.	700mm
Ground clearance	220mm
Service Capacities	
Fuel tank	70L
Water tank	100L

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