

## SWC208H Tandem Vibratory Roller(Hydraulic Transmission)

Hydraulic double drum vibratory road roller SWC208H adopts dual frequency and amplitudes vibration system with imported piston pump and motors, center articulated steering with crabwalk unit for flexible maneuverability, integrated multi-disc wet brake with oil-cutoff braking for reliable safety, electric power sprinkler system with large capacity reinforced polyethylene water tank, which ensure you to achieve high working efficiency.

TypeVertical,water cooled,direct injectionRated power80KWRated speed2200rpmRated fuel consumption210g/kw-hMain Technical Specification8000kgDperating weight8000kgTypeHydraulic vibrationFrequency45/50HzAmplitude0.34/0.67mmStatic linear load231/231N/cmVertical oscillation8°Drum shell thickness20mmCentrifugal force(high ampl.)90KN×2Centrifugal force(low ampl.)69KN×2Transmission System140%Traveling speed(km/h)	Engine		
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Main Technical SpecificationOperating weight8000kgTypeHydraulic vibrationFrequency45/50HzAmplitude0.34/0.67mmStatic linear load231/231N/cm/ertical oscillation8°Orum shell thickness20mmCentrifugal force(high ampl.)90KN×2Centrifugal force(low ampl.)69KN×2Transmission System40%Traveling speed(km/h)0-11.1Forward/Reverse0-11.1Fraveling pumpSAUER/REXROTH piston pump	Rated speed	2200rpm	
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Vertical oscillation       8°         Orum shell thickness       20mm         Centrifugal force(high ampl.)       90KN×2         Centrifugal force(low ampl.)       69KN×2         Transmission System       69KN×2         Type       Hydraulic drive         Grade ability       40%         Traveling speed(km/h)       0-11.1         Forward/Reverse       0-11.1         Traveling pump       SAUER/REXROTH piston pump	Amplitude	0.34/0.67mm	
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Transmission System       Type       Hydraulic drive       Grade ability       40%       Traveling speed(km/h)       Forward/Reverse       0-11.1       Traveling pump       SAUER/REXROTH piston pump	Centrifugal force(high ampl.)	90KN×2	
Type     Hydraulic drive       Grade ability     40%       Traveling speed(km/h)	Centrifugal force(low ampl.)	69KN×2	
Grade ability     40%       Graveling speed(km/h)     0-11.1       Forward/Reverse     0-11.1       Traveling pump     SAUER/REXROTH piston pump	Transmission System		
Fraveling speed(km/h)       Forward/Reverse       0-11.1       Traveling pump       SAUER/REXROTH piston pump	Туре	Hydraulic drive	
Forward/Reverse 0-11.1 Traveling pump SAUER/REXROTH piston pump	Grade ability	40%	
Traveling pump SAUER/REXROTH piston pump	Traveling speed(km/h)		
	Forward/Reverse	0-11.1	
Traveling motor SAUER/REXROTH piston motor	Traveling pump	SAUER/REXROTH piston pump	
	Traveling motor	SAUER/REXROTH piston motor	

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Axle	
Drive type	Dual wheel drive
Front axle load	4000kg
Rear axle load	4000kg
Steering System	
Туре	Articulated frame, hydraulic steering
Steering cylinder	Two cylinders
Steering pump	Gear pump
Working pressure	13MPa
Steering angle	±35°
Min. steering radius	5605mm
Braking System	
Service brake	Oil cut off brake
Parking brake	Button operated
Dimensions	
Overall length	4562mm
Overall width	1850mm
Overall height	2930mm
Drum width	1730mm
Wheel base	3217mm
Drum Dia.	1050mm
Ground clearance	324mm
Service Capacities	
Hydrauclic tank	65L
Vibrating bearing	20L
Coolant liquid	34L
Reducer	2.6L
Fuel tank	80L
Engine crank case	16L