



SWC210H Tandem Vibratory Roller(Hydraulic Transmission)

SWC210H hydraulic double drum vibratory road roller 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.

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| Engine | |
| Model | Cummins 6BT5.9 |
| Type | Vertical,water cooled,direct injection |
| Rated power | 110KW |
| Rated speed | 2300rpm |
| Rated fuel consumption | 215g/kw-h |
| Main Technical Specification | |
| Operating weight | 10000kg |
| Type | Hydraulic vibration |
| Frequency | 40/46Hz |
| Amplitude | 0.4/0.8mm |
| Static linear load | 238/238N/cm |
| Vertical oscillation | 8° |
| Drum shell thickness | 20mm |
| Centrifugal force(high ampl.) | 115KNx2 |
| Centrifugal force(low ampl.) | 85KNx2 |
| Transmission System | |
| Type | Hydraulic drive |
| Grade ability | 40% |
| Traveling speed(km/h) | |
| Forward/Reverse | 0-11.1 |
| Traveling pump | SAUER/REXROTH piston pump |
| Traveling motor | SAUER/REXROTH piston motor |
| Axle | |

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|----------------------|---------------------------------------|
| Drive type | Dual wheel drive |
| Front axle load | 5000kg |
| Rear axle load | 5000kg |
| Steering System | |
| Type | 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 | 5062mm |
| Overall width | 2250mm |
| Overall height | 3000mm |
| Drum width | 2100mm |
| Wheel base | 3717mm |
| Drum Dia. | 1350mm |
| Ground clearance | 324mm |
| Service Capacities | |
| Hydraulic tank | 65L |
| Vibrating bearing | 20L |
| Coolant liquid | 34L |
| Reducer | 2.6L |
| Fuel tank | 154L |
| Engine crank case | 16L |

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