SSR200AC-8H
SINGLE DRUM ROLLER

Total Weight
20 000kg

Weight at Drum
10 000kg

DrumWidth
2 130m

Centrifugal force (kN)
280/ 178

Vibration frequency (Hz)
32/ 36

KEY FEATURES

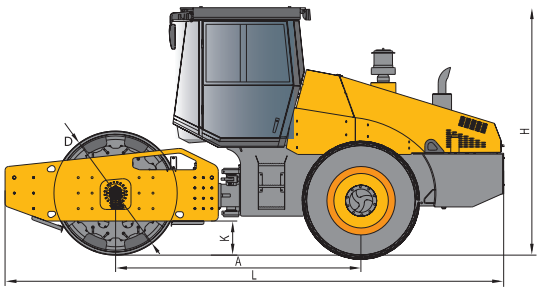
- The use of water wheel type lubrication on the vibratory bearing extends the bearing life up to 5,000 hours.
- Double filtration of engine high intake air, the hydraulic system contains three stage filtration.
- 10% greater excitation force than other products in the same category resulting in
- 16.7% greater production.
- Cab mounted on vibration damping mounts
- Cab temperature control
- Operator control forces have been reduced
- Rounded bumpers front and rear
- Large rear glass and sloped hood for greater visibility

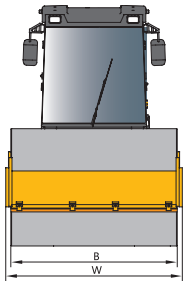
SSR200AC-8H

Dimensions & Specifications

OVERALL DIMENSIONS	
Operating mass	20000 kg
Mass allocated to vibrating drum	10000 kg
Mass allocated to driving axle	10000 kg
Static linear load of vibrating drum	470 N/cm
Vibration frequency	29/35 Hz
Nominal amplitude	1.9/0.95 mm
Centrifugal force	368/258 kN
Diameter of vibrating drum	1600 mm
Width of vibrating drum	2130 mm
Vibrating drum rim thickness	40 mm
Travel speed	0~5km/h
	0~8km/h
Theoretical gradeability	30%
Min. ground clearance	440 mm
Wheelbase	3185 mm
Steering angle	±35°
Swing angle	±12°
Min. turning outer diameter	12350 mm
Tire specification	20.5-25-16PR
Brand	WEICHAI
Model	WP6G200E331
Emission	China III
Rated power	147 kW
Battery (V×Ah)	24×120
Fuel tank	300 L
Hydraulic oil tank	100 L

DIMENSIONS	
A(mm)	3185 mm
W(mm)	2318 mm
L(mm)	6620 mm
D(mm)	1600 mm
H(mm)	3330 mm
B(mm)	2130 mm
K(mm)	440 mm





STANDARD CONFIGURATIONS

Config.	Systems	Description	Qty	Details		Remarks
Standard confi.	Main machine	SSR200AC-8H single drum roller, standard	1	1. Engine 2. Travel pump 3. Vibration pump 4. Travel motor 5. Vibration motor 6. Operating platform 7. Vibratory drum (Smooth) 8. Electrical system	9. Operating system 10. Front frame 11. Rear frame 12. Covering part 13. Rear axle assembly 14. Center articulated frame 15. Cab+Air Con	
Optional confi.	Shed	Shed	1	Low cost		Optional
	Vibratory drum with welded pad foot	Drum with welded pad foot	1	Vibratory drum with welded pad foot, which cannot be removed, suitable for compaction of clay, semi-clay, rocks, gravels, expansive soil, and coal cinder base		Substitute smooth drums permissible
	Vibratory drum with assembled pad foot	Drum with assembled pad foot	1	Vibratory drum with assembled pad foot, which can be removed to form a smooth drum; suitable for compaction of clay, semi-clay, rocks, gravels, expansive soil, and coal cinder base		Optional

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