

SAKAI Walk-Behind Vibrating Rollers Finish Small Jobs with Big Power

SV8 Vibrating Roller



The Mini Powerhouse efficiently compacts tight working areas

Operating Weight 750 kg (1,660 lbs)
Centrifugal Force 1,300 kg (2,870 lbs)

SAKAI



Designed for cost efficiency and on-the-job performance by engineers experienced in earth and pavement compactor design and operation, the new SV-8 walk-behind vibrating roller combines easy handling with superior performance.

In accordance with the same consideration for safety and operability given to all SAKAI equipment, the SV-8 offers the following features.

*Durable construction assures high reliability and easy maintenance.

*Designed for repair, maintenance and construction of sidewalks, compacted shoulders, playgrounds, cycle tracks, driveways, trenches and other similar work, the SV-8's side cover is raised to go over curbs, and other low obstructions.

*Roller drive gear cover designed and mounted to prevent mud and water from entering and decreasing efficiency. Quiet, fuel efficient engine is designed for easy starting in cold weather.

*All control levers are within easy reach of the operator.

*Double drum drive assures equally efficient compaction on level ground and steep grades. Hydrostatic transmission enables smooth speed changes over an infinitely variable, stepless range.

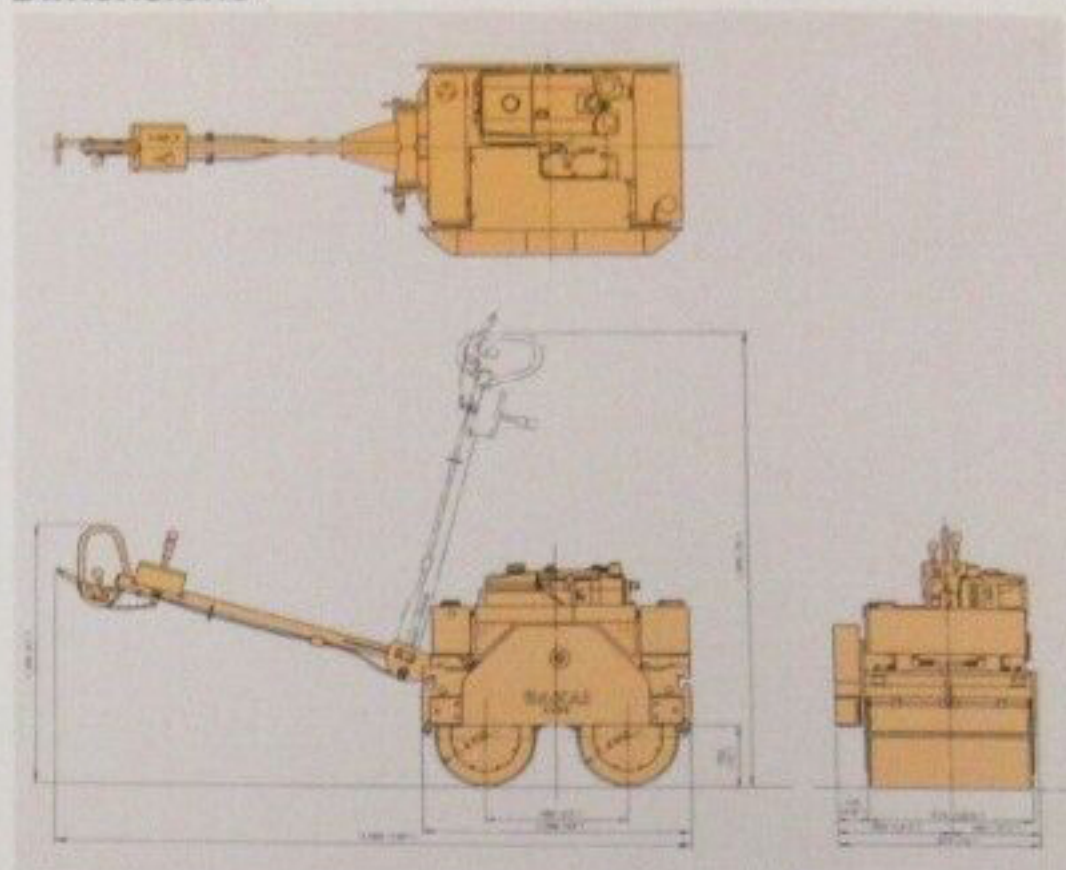
*Specially designed rubber isolators reduce transmission of roller vibrations to the handle, thus reducing operator fatigue and increasing worker efficiency.

*Emergency safety device, provided as standard equipment, automatically stops the roller from reversing when the handle hits, say, the operator's chest or other obstructions.

*Built-in water sprinkler system (standard equipment) matches the roller to all compaction surfaces.

*Overall roller length is only 1250 mm when the handle is folded, thereby minimizing the required storage space and enabling transportation by lightweight trucks.

Dimensions



Specifications

Item	Model	SV8 (STANDARD)	SV8 (ALTERNATIVE)
WEIGHTS			
Gross weight		Approx. 750 kg (1,660 lbs)	Approx. 770 kg (1,700 lbs)
Empty weight		Approx. 720 kg (1,590 lbs)	Approx. 740 kg (1,630 lbs)
DIMENSIONS			
Overall length		Approx. 2,560 mm (100")	
Overall width		Approx. 825 mm (32")	
Overall height		Approx. 1,200 mm (47")	
Wheelbase		Approx. 580 mm (23")	
Rolling width		Approx. 675 mm (26.5")	
Curb clearance		Approx. 250 mm (10")	
SPEED			
(Forward & Reverse)		0—3.5 km/h (0-2.1 mile/h)	
VIBRATING POWER			
Frequency		3,000 vpm	
Centrifugal force		1,300 kg (2,870 lbs)	
GRADABILITY			
		Approx. 36% (20°)	
ENGINE			
Model		MITSUBISHI "D75" Diesel Engine	
Type		Water-cooled, 4-cycle	
Rated output		7.5 PS/2,400 rpm	
Starting system		Manual type	Electric type
Battery			12V 35Ah × 1
POWER LINE			
Transmission		Hydrostatic transmission	
Final drive		Spur gear	
VIBRATING SYSTEM			
Clutch		Mechanical type	
Vibrator		Eccentric shaft type	
BRAKE SYSTEM			
Type		Mechanical, internal expanding type	
ROLLING SYSTEM			
Type		Tandem type, both roll drive	
Dimension			
Front roll: width × dia.		675 mm × 405 mm (26.5" × 16")	
Rear roll: width × dia.		675 mm × 405 mm (26.5" × 16")	
Suspension system		Rubber shock absorber type	
WATER SPRINKLER SYSTEM			
		Gravity type	
FLUID CAPACITY			
Fuel tank		6.5 liter (1.7 gal)	
Hydraulic oil tank		16 liter (4.2 gal)	
Sprinkler tank		25 liter (6.6 gal)	

*Specifications are subject to change without notice.

SAKAI Walk-behind Vibrating Roller Series

Model	Operating weight	Centrifugal force
SV6	600 kg (1,320 lbs)	1,200 kg (2,650 lbs)
SV8	750 kg (1,660 lbs)	1,300 kg (2,870 lbs)
SV10	1,090 kg (2,400 lbs)	2,200 kg (4,850 lbs)

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