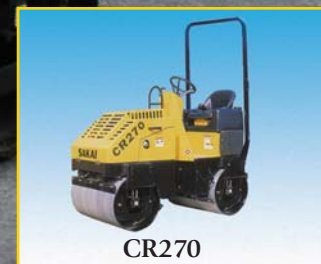


SAKAI

Compact Vibratory Asphalt Roller

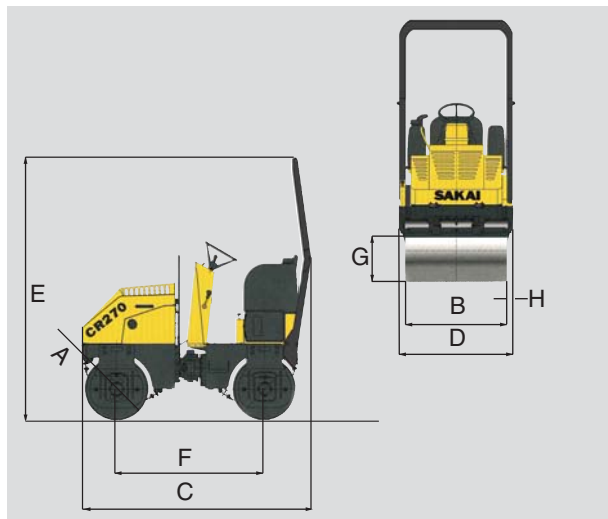
CR270

- Pedestrian Paths, Parking Lots, Driveways, Small Roads, Patchwork, etc.
- 4000 VPM High Frequency for Faster Compaction
- Thickest Drum of all Rollers in its Size Class
- Articulated Center-Point Steering
- Dual-Drum Drive
- Excellent Curb Clearances
- Zero Head & Tail Clearances
- Spray System with High Water Capacity



CR270

Model			CR270	
Operating Weight	lbs	kg	2,910	1320
	On front		1,325	600
	On rear		1,587	720
Vibration Frequency	vpm	Hz	4000	67
Centrifugal Force	lbs	kN	2,975	13.2
Amplitude	in	mm	0.014	0.35
Engine – Model				
Engine Type				
Horsepower	hp	kW	Water-cooled gasoline	
	rpm	min ⁻¹	17.8	13.2
			2500	2500
Speed Ranges	mph	km/h	0-4.6	0-7.5
Gradability	%		34	
Fuel Tank Capacity	gal	L	7.9	30
Sprinkler System – Capacity	gal	L	50	190
Braking				
Hydrostatic Service Brake				
Disc-type Parking Brake				
Steering				
Articulated Center Point				
Dimensional Data				
Drum Diameter (A)	ins	mm	22	560
Drum Width (B)			35	900
Overall Length (C)			75	1,910
Overall Width (D)			40	1,015
Overall Height (E)			96	2,440
Wheelbase (F)			51	1,300
Curb Clearance (G)			13.4	340
Turning Radius				
Inside	ins	mm	74.5	1,890
Outside			110	2,800



The Sakai CR270, compact ride-on tandem vibratory asphalt roller is designed for pedestrian or bicycle paths, parking lots, driveways, small roads, road widening, patchwork and other small asphalt applications. It offers the features and benefits of our larger rollers in a smaller package, giving paving contractors high performance and versatility at an affordable price.

Powerful Performance & Heavy-Duty Components – The CR270 boasts the same high frequency 4000 vpm that Sakai’s larger machines are known for, allowing for optimum productivity. This roller achieves ten impacts per foot (10 ipf) at 4.55 mph ground speed, allowing you to reach specified density faster, thus saving time and money. Sakai’s vibratory rollers are engineered from the ground up to produce a true 4000 vpm without compromising the integrity of the machine’s components. A combination of rear drum ballasting and internal front drum vibration, with centrifugal forces up to 2975 pounds, contribute to the CR270’s impressive performance.

The roller’s dual-drive drums are powered by hydraulic motors for optimum performance while its hydrostatic transmission simplifies operation while increasing productivity.

Sakai’s CR270 offers optimum reliability spray systems like Sakai’s highly successful, more sophisticated, larger double drum rollers. This unsurpassed system consists of rust-proof tanks, vinyl tubing, stainless spray bars, and brass nozzles that can simply be replaced by hand with 1/4 turn. Spring-loaded and adjustable scraper bars promote good surface contact and a wet drum from edge to edge. It’s high-capacity reservoir keeps the machine on the job throughout the work shift.

Articulated Center-Point Steering – Articulated center-pivot hydraulic steering ensures that the front and rear drums track each other while providing consistent forces and densities over their full rolling widths, even when the roller is rounding a curve or cul-de-sac. A short wheelbase allows for easy maneuverability and a tight turning radius, especially useful when working in confined areas.

Heavy-Duty Drum – The CR270 has the thickest drum shell of all of the rollers in its size class, making for a more reliable, longer lasting machine. The alloy steel drum edges are rounded to avoid marking of the asphalt mat. It also has excellent curb clearance, providing flush rolling up to 13.4” above the drum surface. Minimal side overhang and zero head and tail overhangs, combined with a comfortable bucket seat, improve visibility of the drum edge promoting both productivity and quality of the finished product.

High Safety & Comfort Standards – At Sakai, operator safety is our first priority. ROPS and seat belts are standard equipment on every Sakai roller sold in North America.

The CR270 is equipped with ergonomic vibration controls for ease of use. The roller also includes a throttle lever that allows the operator to fine-tune ground speed during rolling to maintain proper impact spacing.

For an eye-opening demonstration of the CR270, please contact your local Sakai dealer; or call Sakai directly at 800-323-0535.



SAKAI
MASTERS OF COMPACTION

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