



VIBRATORY TANDEM ROLLER

All drum drive, articulated steering, compact size tandem type vibrating roller.

CR271 designed for small paving jobs, road maintenance, road widening, roadway, parking lots, bicycle paths, sports courts, small asphalt applications, rental house fleets.

Powerful Performance

- Vibration frequency of 67 Hz (4,000 vpm) allows highly efficient compaction with optimum impact spacing without sacrificing speed.

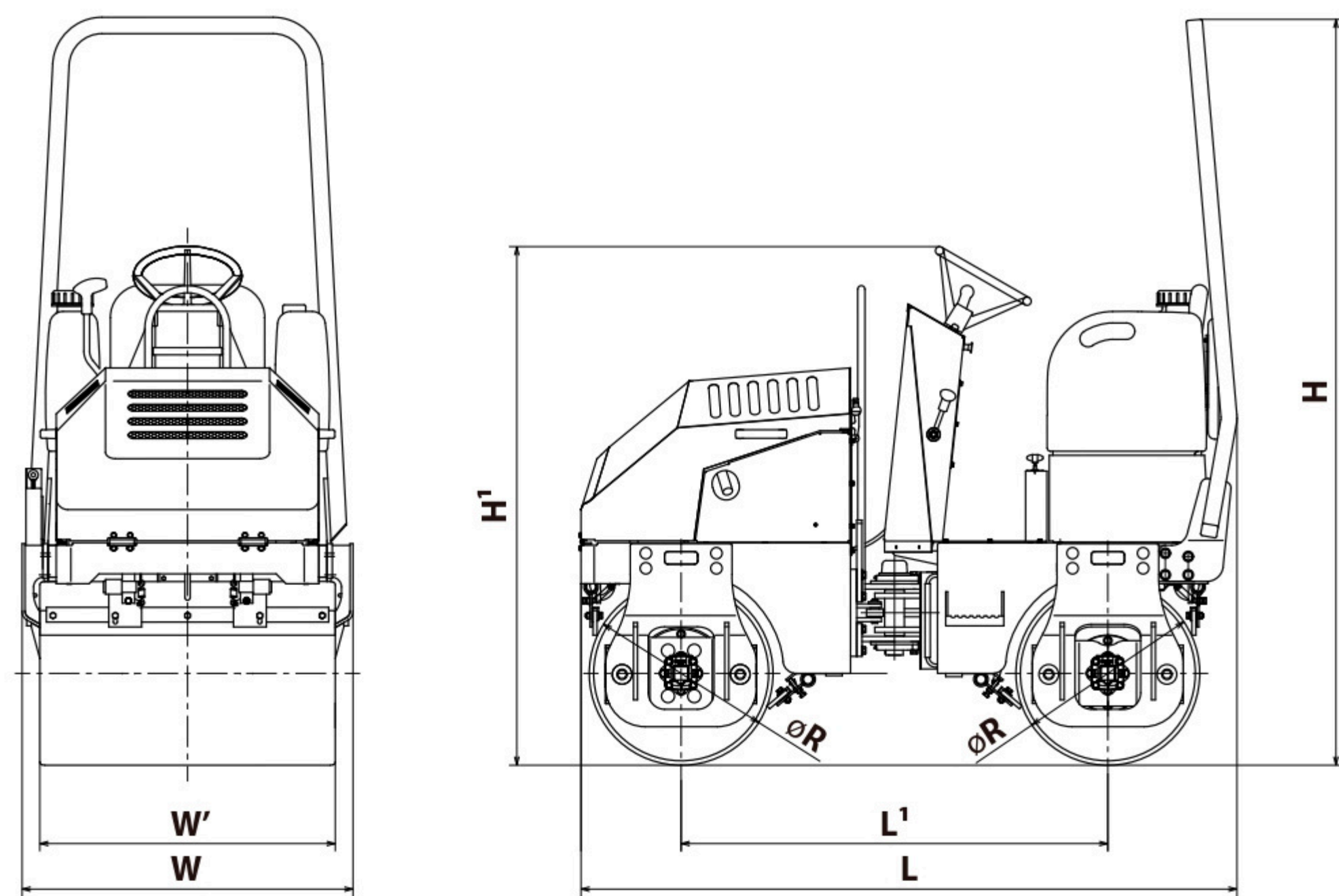
Comfort and Safety

- 1 m (39 in) × 1 m (39 in) visibility.
- Excellent 360-degree visual angle and drum edge visibility for added safety.

Simplified Maintenance

- Long life Sakai patented rubber isolators for drums.
- Flip open engine hood provides easy accessibility to engine and components for daily maintenance and service.

CR271



TYPE			Vibratory Tandem Roller	
MODEL			CR271	
CHASSIS MODEL			4CR2	
WEIGHTS	Max. Operating weight with ROPS	kg (lbs)	1,560 (3,440)	
	Operating weight with ROPS	kg (lbs)	1,470 (3,245)	
	Load on front axle - operating weight with ROPS	kg (lbs)	650 (1,435)	
	Load on rear axle - operating weight with ROPS	kg (lbs)	820 (1,810)	
PERFORMANCE	Centrifugal force	kN (lbs)	13.2 (2,965)	
	Frequency	Hz (vpm)	66.7 (4,000)	
	Amplitude	mm (in)	0.35 (0.014)	
	Dynamic linear pressure for front drum - operating weight with ROPS	N/cm (lbs/in)	218 (120)	
	Static linear pressure for rear drum - operating weight with ROPS	N/cm (lbs/in)	90 (50)	
	Number of speed shifts		1	
	Speed range	km / h (mph)	0–7.5 (0–4.7)	
	Gradeability	% (°)	25 (14)	
DIMENSIONS	Turning radius compacted surface (inside / outside)	m (in)	2.0 (79) / 2.9 (115)	
	Overall length L	mm (in)	2,000 (79)	
	Overall width W	mm (in)	1,010 (40)	
	Overall height (without ROPS) H'	mm (in)	1,580 (62)	
	Overall height (with ROPS) H	mm (in)	2,440 (96)	
	Wheelbase L'	mm (in)	1,300 (51)	
	Compaction width W'	mm (in)	900 (35)	
	Drum width W' / Drum diameter R	mm (in)	900/560 (35/22)	
	Shell thickness	mm (in)	13.5 (0.5)	
	Ground clearance	mm (in)	280 (11)	
	Curb clearance	mm (in)	325 (13)	
	Side clearance	mm (in)	55 (2)	
ENGINE	Make		HONDA	
	Model		GX630 (EPA Phase3, China Stage I)	
	Type		Gasoline, Air-cooled, 4-cycle, 2-cylinder V-type	
	Displacement	L (cu.in)	0.688 (42.0)	
	Rated output	kW (HP)/min ⁻¹	12.0 (16) / 3,600	
	Electric system battery	V (V/Ah × Qty)	12V (12V / 36 × 1)	
	Electric system alternator	V / A	12V / 17A	
DRIVE SYSTEM	Power transmission type		Hydrostatic	
	Drive wheel		All wheel	
VIBRATION SYSTEM	Power transmission type		Hydraulic	
	Number of amplitude		1	
	Vibrator type		Single eccentric shaft	
BRAKE SYSTEM	Service brake		Dynamic braking through hydrostatic drive system / FNR lever	
	Secondary brake (Emergency brake)		N/A	
	Parking brake		Mechanical, Disc type / Parking brake lever	
STEERING SYSTEM	Power transmission type		Hydraulic	
	Articulation / Oscillation angle	± (°)	30 / 0	
FLUID CAPACITY	Fuel tank	L (gal)	30 (7.9)	
	Hydraulic oil tank	L (gal)	30 (7.9)	
	Water sprinkler tank	L (gal)	150 (39.6)	

- Specified figures have a tolerance of ±5%.
 - All specifications may be changed without notice.
 - Specified figures are in SI Units, followed by their equivalent in English units of measurement in parentheses.
- Max. operating weight : Fuel=100%, Water=100%, Operator=75 kg
 - Operating weight : Fuel=50%, Water=50%, Operator=75 kg
 - The photos may contain optional equipment and/or attachment.

* Engine meets EPA standards.

* Using low quality fuel may cause engine failure.

- Standard Equipment :**
- Scrapers for both directions
 - Horn
 - Comfort seat
 - Water sprinkler system (Gravity)
 - 1 point lifting

- Optional Equipment :**
- ROPS CANOPY[w/ Seatbelt]
 - PROTECTION BAR
 - Backup alarm
 - Vandalism protections