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.

If you need any technical or service parts support on our products, please contact this web page.

www.sakainet.co.jp/english/
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 with Seatbelt
- PROTECTION BAR
- Backup alarm
- Vandalism protections

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**TYPE**

**MODEL**

CR271

**CHASSIS MODEL**

CR271

**SPECIFICATIONS**

**Vibratory Tandem Roller**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall length</td>
<td>2,000 (79) mm</td>
</tr>
<tr>
<td>Overall width</td>
<td>1,010 (40) mm</td>
</tr>
<tr>
<td>Overall height</td>
<td>1,580 (62) mm</td>
</tr>
<tr>
<td>Wheelbase L</td>
<td>1,300 (51) mm</td>
</tr>
<tr>
<td>Drum width W'</td>
<td>900 (35) mm</td>
</tr>
<tr>
<td>Shell thickness</td>
<td>13.5 (0.5) mm</td>
</tr>
<tr>
<td>Ground clearance</td>
<td>280 (11) mm</td>
</tr>
<tr>
<td>Curb clearance</td>
<td>325 (13) mm</td>
</tr>
<tr>
<td>Side clearance</td>
<td>55 (2) mm</td>
</tr>
</tbody>
</table>

**ENGINE**

Make: HONDA

Model: GX630 (EPA Phase3, China Stage I)

Type: Gasoline, Air-cooled, 4-cycle, 2-cylinder V-type

Displacement: 0.688 (42.0) L (cu.in)

Rated output: 12.0 (16) kW (HP) / 3,600 min⁻¹

Electric system battery: 12V (12V / 36 x 1)

Electric system alternator: 12V / 17A

**DRIVE SYSTEM**

Power transmission type: Hydrostatic

Drive wheel: All wheel

**VIBRATION SYSTEM**

Power transmission type: 1

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: N/A

**STEERING SYSTEM**

Power transmission type: Mechanical, Disc type / Parking brake lever

Articulation / Oscillation angle: ± 0°

**FLUID CAPACITY**

Fuel tank: 30 (7.9) L (gal)

Hydraulic oil tank: 30 (7.9) L (gal)

Water sprinkler tank: 150 (39.6) L (gal)

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* 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.

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