

**VIBRATORY TANDEM ROLLER****MODEL/CR27****CHASSIS MODEL/4CR2****WEIGHTS**

Operating weight ( with ROPS )	kg (lb)	1,480 (3,265)
Empty weight (with ROPS)	kg (lb)	1,330 (2,935)
Load on front axle (operating weight with ROPS)	kg (lb)	650 (1,435)
Load on rear axle (operating weight with ROPS)	kg (lb)	830 (1,830)

**PERFORMANCE**

Centrifugal force	kN (lb)	13.2 (2,975)
Frequency	Hz (vpm)	66.7 (4,000)
Amplitude	mm (in)	0.35 (0.014)
Dynamic linear pressure for front roll (operating weight with ROPS)	N/cm (lb/in)	217 (124)
Static linear pressure for rear roll (operating weight with ROPS )	N/cm (lb/in)	90 (52)
No.of speeds		1
Speed range (Forward & Reverse)	km / h (mph)	7.5 (4.6)
Gradability	% ( ° )	27 (15.0)
Min. turn radius (outer)	m (in)	2.8 (110)

**DIMENSIONS**

Overall length	mm (in)	2,000 (79)
Overall width	mm (in)	1,010 (40)
Overall height (with ROPS)	mm (in)	2,275 (90)
Wheelbase	mm (in)	1,300 (51)
Compaction width	mm (in)	900 (35.5)
Drum width / Drum diameter (outer)	mm (in)	900 / 560 (35.5 / 22.0)
Shell thickness	mm (in)	13.5 (0.53)
Ground clearance	mm (in)	280 (11.0)
Curb clearance	mm (in)	325 (13.0)
Side clearance	mm (in)	55 (2.2)

**ENGINE**

Make		HONDA
Model		GX630R (EPA-Phase 2)
Type		Gasoline , Air-cooled , 4-cycle
Displacement	L (cu.in)	0.688 (42.0)
Rated output	kW (HP)/min-1	12.0 (16.1) / 3,600
Electric system battery	V (V/Ah × Qty)	12 (12 / 36 × 1 )
Electric system alternator	V / A	12 / 17

**POWER LINE**

Transmission		Hydrostatic transmission
Type		Hydraulic
Drive wheel		All wheel

**VIBRATION SYSTEM**

Drive		Hydrostatic
Amplitude control		1
Vibrator		Eccentric shaft type

**BRAKE SYSTEM**

Service (emergency)		-
Parking		Mechanical, disc type / Side Lever
Working (nominal)		Hydrostatic dynamic brake through drive system / F&R Lever

**STEERING SYSTEM**

Type		Hydraulic type (articulated)
Articulation / Oscillation (+/-)		30 / 0

**FLUID CAPACITY**

Fuel tank	L (gal)	30 (7.9)
Hydraulic tank	L (gal)	30 (7.9)
Sprinkler tank	L (gal)	150 (40)