

## ASPHALT COMPACTORS GIVE SMOOTH, DENSE FINISHES



### CR-SW Double Drum Rollers

- High Quality Honda and Kubota Engines
- High Frequency 4000 VPM on Both Drums
- Counter-rotating Eccentric Weights High Centrifugal Forces
- Articulated Power Steering Makes for Great Maneuverability
- Fold Down ROPS Standard on SW and TW Models

The SAKAI CR and SW Series of High Frequency Double Drum Rollers is available in four different models that make quick work of asphalt compaction chores on projects like parking lots, bike paths, sports courts and mainline patchwork.

### TW Combination Smooth Drum/Pneumatic Tire Rollers

- High Quality Kubota Engines
- High Frequency 4000 VPM Front Drum
- Wide Super Flat Rear Pneumatic Tires for Smooth Finish
- Articulated Power Steering Makes for Great Maneuverability
- Isolators are Covered Under 3-Year Power Train Warranty

The SAKAI TW Combination Rollers feature a high frequency front compaction drum that gets density fast while the rear pneumatic tires provide excellent finishes.

### PC Asphalt Plate Compactors

- High Quality Honda Gas Engines
- Abrasion-Resistant Alloy Steel Plates with Available PolyPads for Hardscaping
- Sprinkler System Perfect for Small Asphalt Jobs and Patchwork
- Easy to Own & Operate

SAKAI PC vibratory plate compactors offer compaction widths from 14-19.5 inches to handle numerous dirt and asphalt compaction jobs.

These plates feature water sprinkler systems for small asphalt jobs and patchwork.

SPECIFICATIONS		Double Drum				Smooth Pneumatic Combo		Forward Plates	
		CR271	SW300-1	SW320-1	SW330-1	TW320-1	TW330-1	PC600	PC800
Operating Weight	lbs	3,265	6,360	6,270	6,900	6,329	6,414	147	214
	Kg	1,480	2,885	2,871	3,130	2,871	2,910	66	97.1
Frequency	VPM/IPM	4,000	4,000	4,000	4,000	4,000	4,000	6,000	5,820
	Hz	67	67	67	67	67	67	100	97
Centrifugal Force per drum	lbs	2,976**	6,175*	7,055*	7,055*	7055**	7055**	2,646	3,642
	kN	13.2**	27.5*	31*	31*	31**	31**	11.8	16.2
Compaction Width	ins	35.5	39	47	51	47	51	13.8	20
	mm	900	1,000	1,200	1,300	1,200	1,300	350	500
Drum/Plate Size	ins	35 x 22	39 x 28	47 x 28	51 x 28	47 x 28	51 x 28	13.8 x 21	20 x 23
	mm	900 x 560	1,000 x 700	1,200 x 700	1,300 x 700	1,200 x 700	1,300 x 700	350 x 520	500 x 585
Amplitude	ins	0.014	0.013	0.013	0.013	0.013	0.013	N/A	N/A
	mm	0.35	0.33	0.33	0.33	0.33	0.33	N/A	N/A
Engine	Make	Honda	Kubota Tier 4i					Honda	Honda
	Model	GX630R						GX120U1	GX160U1
Horsepower	hp	20.8	35	35	35	35	35	3.89	5.36
	kW	15.5	26	26	26	26	26	2.9	4.0
Fuel Capacity	gal	7.9	26	26	26	26	26	0.7	1
	lit	30	100	100	100	100	100	2.5	3.6
Sprinkler Capacity	gal	40	48	48	48	48	48	2.8	2.8
	lit	150	180	180	180	180	180	10	10

\* Per Drum

\*\* Front Drum Only



### ABOUT SAKAI

Sakai was founded in Japan in May 1918 for the manufacture and repair of diesel locomotives. Over time, those product lines evolved into what is now the premier manufacturer of self-propelled vibratory rollers in the world, shipping more machines than any other manufacturer. Sakai products are now used successfully in over 110 countries around the globe.

More recently, Sakai has begun to market their own line of light compaction products to complement their existing lines of heavy smooth and padfoot vibratory compactors and rollers. The new LITE LINE from Sakai includes the compact vibratory soil and asphalt rollers, plate tampers, rammers and walk-behind rollers shown in this brochure.

The uniqueness and innovation of Sakai that popularized their highly successful heavy line transcends to this new line-up of light compaction products. If you are a rental store pursuing a solid light compaction line or a contractor looking for value in high impact light products, you owe it to yourself and your company to contact Sakai today.

Heavy and Light Products for the North American market are now made available and are shipped from Sakai's manufacturing headquarters in Adairsville, Georgia. This strong commitment to the American market is additionally supported by the rapid dispatch of parts and service from this facility in suburban Atlanta.

For more information, please contact Sakai at  
800-323-0535.

**SAKAI**  
MASTERS OF COMPACTION

Sakai America Inc.  
90 International Parkway, Adairsville, GA 30103  
Tel 770-877-9433 or toll free 800-323-0535  
Fax 770-877-9886 • www.sakaiamerica.com



## Light Compaction Equipment

# SAKAI



Compact Vibratory Soil Compactors



Vibratory Plate Compactors



High Impact Rammers

Vibratory Walk-Behind Compactors

Compact Double Drum Vibratory Rollers

Combination Vibratory/Pneumatic Rollers





### SV Vibratory Soil Compactors

- High Force Outputs and Superb Traction for Small to Medium Compaction Jobs
- Trench Compaction, Utility Backfill, Foundation and Repair Work
- Smooth or Padfoot Drum Configurations
- Tall Stack Keeps Exhaust Fumes Out of Trenches
- Strike-off Blade Available
- ROPS & Seat Belts Standard
- Isolators are Covered Under 3-Year Power Train Warranty

The SAKAI SV201-1 Series Vibratory Single Drum Compactors offers four different models to meet a variety of soil types and application requirements.

The SV201-1 Series offer a number of standard features found on SAKAI's larger single drum rollers such as a high compaction force, superior traction for trench work, unique hitch design, patented shock isolation system, superior serviceability, ROPS and seatbelts as well as a two brake, three-way failsafe braking system and a comfortable operating station.



## HIGH FORCE MACHINES DESIGNED AND BUILT TO COMPACT DIRT FAST



### PC/PF Plate Compactors

- High Quality Honda Gas Engines
- Great for Compaction in Trenches, around Foundations and Utilities and for Sidewalks and Repair Work
- Abrasion-Resistant Alloy Steel Plates
- Carrier option available for PC600 & PC800 series
- Advanced Isolation System Reduces Vibration at the Handle
- Sprinkler System For Asphalt on PC Models
- Easy to Own & Operate

The SAKAI PC & PF series of vibratory plate compactors with compaction widths from 14-24 inches is designed to handle a wide range of small to medium-sized applications.

These plates feature Honda gas engines and other quality components, making them the reliable choice for busy contractors and rental house applications. A unique combination of high centrifugal forces, frequencies and working speeds increases productivity and profitability over a host of jobs. A water sprinkler system on PC models gives these plates the added flexibility of handling asphalt patchwork.



### RS RAMMERS

- Quality Honda Gas Engines and Other Components Lower Costs
- Superior Shock Isolation System Lowers Vibration Level at the Operator Handle
- Height-Adjustable Handles for Operator Convenience

The SAKAI RS Series of High Impact Rammers is available in three different models that make quick work of compaction chores on a host of tight quarter applications. Designed for harder hitting with better balance, these machines have a great impact on your work schedule and your bottom line.



### HS WALK-BEHINDS

- Quality Honda Gas Engines and Other Components Lower Costs
- Steerable Front Drum Adds Maneuverability & Safety
- Short Side Frame Clearance for Compaction Close to Obstructions

The HS67ST is a unique, steerable walk-behind roller that simplifies compaction chores on numerous earthmoving projects. Offering high compaction clout, tight sideframe clearances and superb maneuverability, the HS can outperform any fixed drum machine. A sprinkler system makes this roller an excellent choice for smaller asphalt projects too!

SPECIFICATIONS		Vibratory Soil Compactors				Forward Plates		Reversible Plates				Rammers			Walk Behind	SPECIFICATIONS	
		SV201D-1	SV201T-1	SV201TB-1	SV201TF-1	PC600	PC800	PF120	PF150	PF281	PF301	RS45	RS65	RS75	HS67ST		
Operating Weight	lbs Kg	9,590 4,350	9,810 4,450	10,470 4,750	11,465 5,200	147 66	214 97.1	271 123	300 136	732 332	796 361	112 50	160 72	172 78	1,655 750	lbs Kg	Operating Weight
Frequency	VPM/IPM Hz	1,800 30	1,800 30	1,800 30	1,800 30	6,000 100	5,820 97	5,580 93	5,580 93	4,200 70	4,200 70	650-690 10.8-11.5	640-680 10.7-11.3	680-720 11.3-12	3,300 55	VPMIPM Hz	Frequency
Centrifugal/Impact Force	lbs kN	16,100 72	16,100 72	16,100 72	16,100 72	2,646 11.8	3,642 16.2	5,845 26	6,965 31	8,543 38	10,360 46	1,466 6	3,750 15	4,498 18	2,655* 11.8*	lbs kN	Centrifugal/Impact Force
Compaction Width	ins mm	54 1,370	54 1,370	54 1,370	54 1,370	13.8 350	20 500	15.7 400	20 500	17.5** 445**	18 445	9 230	11 280	11 280	25 635	ins mm	Compaction Width
Drum/Plate/Shoe Size	ins mm	54 x 40 1,370 x 1,000	54 x 41 1,370 x 1,050	54 x 41 1,370 x 1,050	54 x 43 1,370 x 1,090	13.8 x 21 350 x 520	20 x 23 500 x 585	16 x 24 400 x 600	20 x 28 500 x 700	18** x 34 445** x 860	18** x 34 445** x 860	9 x 13.5 230-340	11 x 13.5 280-340	11 x 13.5 280-340	25 x 14 635 x 355	ins mm	Drum/Plate/Shoe Size
Amplitude/Ramming Stroke	ins mm	0.065 1.65	0.06 1.52	0.06 1.52	0.039 1	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	1.6-2.5 40-60	1.6-2.5 40-60	1.6-2.5 40-60	N/A N/A	ins mm	Amplitude / Ramming Stroke
Engine Make		Kubota Tier 4i	Kubota Tier 4i	Kubota Tier 4i	Kubota Tier 4i	Honda	Honda	Honda	Honda	Honda	Yanmar	Honda	Honda	Honda	Honda		Engine Make
Engine Model		V3307	V3307	V3307	V3307	GX120U1	GX160U1	GX160U1	GX1200U	GX270K1	L70	GX100KPRF2	GX100KPRF2	GX120K1	GX390U1		Engine Model
Horsepower	hp kW	74 55	74 55	74 55	74 55	3.89 2.9	5.36 4.0	5.0 4.1	6.44 4.8	8.85 6.6	9 6.6	2.95 2.2	2.95 2.2	3.75 2.8	6.44 4.8	hp kW	Horsepower
Fuel Capacity	gal lit	26 100	26 100	26 100	26 100	0.7 2.5	1 3.6	1 3.6	1 3.6	1.6 6	1.4 5.4	0.6 2.2	0.6 2.2	0.6 2.2	1.3 4.8	gal lit	Fuel Capacity
Sprinkler Capacity	gal lit	N/A N/A	N/A N/A	N/A N/A	N/A N/A	2.8 10	2.8 10	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	7.9 30	gal lit	Spinkler Capacity

\*\* 24"/600mm with extension plate included

\* Per Drum