

SAKAI

MASTERS OF COMPACTION



LIGHT EQUIPMENT PRODUCT GUIDE

**Discount
Equipment**

www.Discount-Equipment.com

LIGHT COMPACTION

OVERVIEW

While Sakai has been involved in the manufacture and sale of heavy equipment since the 1930's, Sakai also offers an extensive array of light equipment in our product offering. From rammers/tamps and plate compactors to walk-behind rollers and trench rollers, our light equipment offering is the best in the industry.

EASY MAINTENANCE

Sakai engineering is highly-focused on the ease of use and functionality of our equipment. As such, we have easily-serviced engines on our complete line-up and common parts that you are more likely to be able to find at a local parts store. Less downtime for maintenance means higher productivity and greater utilization.

LIGHT COMPACTION

WARRANTY

Sakai offers a full warranty on all the equipment we manufacture. Rest assured that if you buy Sakai, you'll be well taken care of.



CR271



CR271

APPLICATION:

- Small to medium asphalt & soil compaction jobs
- Road maintenance
- Road widening
- County roads
- Driveways
- Landscaping
- Parking lots
- Bike trails and golf courses
- Utility installation

FEATURES & BENEFITS:

- High curb clearance
- Chamfered drum edges
- Excellent visibility
- Easy maintenance
- Steel hood and decking
- Extra large water tank capacity
- Heavy duty center joint
- Dual drum drive

		CR271
DRUM	Size W/D	35.5"/22.0" (900/560mm)
OPERATING	Weight	3,265lbs (1,480kg)
VIBRATION	Frequency	4,000vpm (66.7 Hz)
	Centrifugal Force	2,975lbs (13.2kN)
	Nominal Amplitude	0.014" (0.35mm)
ENGINE	Make & Model	Honda GX630R
	Horsepower	20.8HP (15.5kW)
	Fuel/Sprinkler	7.9gal (30.0L) 40.0gal (150.0L)

HS67ST



HS67ST

APPLICATION:

- Small to medium asphalt & soil compaction jobs
- Patching
- Landscaping
- Parking lots
- Bike trails and golf courses
- Narrow utility installation

FEATURES & BENEFITS:

- Steerable front drum (no scuffing of asphalt, easy on operator compared to fixed frame units)
- Large water tank
- Heavy duty hardened steel frame
- Safety cut off bumper pad
- External Vibratory Mechanism (not inside drums) for easy maintenance
- Control handle lifts into locking position for easy transportation

		HS67ST
DRUM	Size W/D	25.0"/14.0" (635/355mm)
OPERATING	Weight	1,545lbs (700kg)
VIBRATION	Frequency	3,300vpm (55.0 Hz)
	Centrifugal Force	2,650lbs (11.8kN)
	Nominal Amplitude	0.009" (0.24mm)
ENGINE	Make & Model	Honda GX390
	Horsepower	9.4HP (7.0kW)
	Fuel/Sprinkler	1.6gal (6.1L) 7.9gal (30.0L)

PLATE COMPACTORS



PLATE	13.8" X 20.5" (350X520mm)
OPERATING WEIGHT	159lbs (72kg)
CENTRIFUGAL FORCE	2,650lbs (11.8kN)
FUEL CAPACITY	0.5gal(2.0L)
ENGINE	Honda GX120 3.5HP (2.8kW)
WATER TANK CAPACITY	2.6gal (10.0L)

PC600

FEATURES & BENEFITS:

- Removable water tank with heavy duty hose & foldable handle
- Superior shock absorbing isolators
- Heavy duty hardened steel plate
- Extremely light weight



PLATE	18.9" X 22.6" (480X575mm)
OPERATING WEIGHT	172lbs (78kg)
CENTRIFUGAL FORCE	2,650lbs (11.8kN)
FUEL CAPACITY	0.5gal(2.0L)
ENGINE	Honda GX120 3.5HP (2.8kW)
WATER TANK CAPACITY	2.6gal (10.0L)

PC600W

FEATURES & BENEFITS:

- Dual belt drive
- Removable water tank with heavy duty hose and valve
- Heavy duty hardened steel plate
- Superior shock absorbing isolators
- Rolled steel plate for added durability
- Lift handles for easier loading and unloading



PLATE	19.7" X 23.0" (500X585mm)
OPERATING WEIGHT	225lbs (102kg)
CENTRIFUGAL FORCE	3,640lbs (16.2kN)
FUEL CAPACITY	1.0gal (3.6L)
ENGINE	Honda GX160 5.4HP (4.0kW)
WATER TANK CAPACITY	2.6gal (10.0L)

PC800

FEATURES & BENEFITS:

- Dual belt drive
- Removable water tank with heavy duty hose and valve
- Heavy duty hardened steel plate
- Superior shock absorbing isolators

REVERSIBLE PLATES



PLATE 15.7" X 23.6" (400X600mm)
OPERATING WEIGHT 273lbs (124kg)
CENTRIFUGAL FORCE 5,845lbs (26.0kN)
FUEL CAPACITY 1.0gal (3.6L)
ENGINE Honda GX160 5.4HP (4.0kW)

PF120

FEATURES & BENEFITS:

- Control handle lifts into locking position for easy transportation
- Heavy duty hardened steel plate
- Superior shock absorbing isolators
- Easy maintenance



PLATE 19.7" X 27.6" (500X700mm)
OPERATING WEIGHT 304lbs (138kg)
CENTRIFUGAL FORCE 6,970lbs (31.0kN)
FUEL CAPACITY 1.0gal (3.6L)
ENGINE Honda GX200 6.4HP (4.8kW)

PF150

FEATURES & BENEFITS:

- Control handle lifts into locking position for easy transportation
- Heavy duty hardened steel plate
- Superior shock absorbing isolators
- Easy maintenance



PLATE 19.7" X 32.3" (500X820mm)
OPERATING WEIGHT 578lbs (262kg)
CENTRIFUGAL FORCE 8,545lbs (38.0kN)
FUEL CAPACITY 1.4gal (5.3L)
ENGINE Honda GX270 8.4HP (6.3kW)

PF281

FEATURES & BENEFITS:

- Reversible plates
- Control handle lifts into locking position for easy transportation
- Heavy duty hardened steel plate
- Superior shock absorbing isolators
- Easy maintenance

RAMMERS



RS65



RS75

		RS55	RS65
SHOE	Size	10.2"X13.4" (260X340mm)	11.0"X13.4" (280X340mm)
COMPACTION	Weight	132lbs (60kg)	152lbs (69kg)
	Width	10.2" (260mm)	11.0" (280mm)
VIBRATION	Frequency	648 - 690vpm (10.8 - 11.5Hz)	648 - 690vpm (10.8 - 11.5Hz)
	Impact Force	2,700lbs (12.0kN)	3,375lbs (15.0kN)
ENGINE	Make & Model	Honda GX100	Honda GX100
	Horsepower	2.8HP (2.1kW)	2.8HP (2.1kW)
RAMMING	Stroke	1.6" - 2.4" (40 - 60mm)	2.0" - 2.8" (50 - 70mm)

		RS75
SHOE	Size	11.0"X13.4" (280X340mm)
COMPACTION	Weight	165lbs (75kg)
	Width	11.0" (280mm)
VIBRATION	Frequency	648 - 690vpm (10.8 - 11.5Hz)
	Impact Force	4,050lbs (18.0kN)
ENGINE	Make & Model	Honda GXR120
	Horsepower	3.6HP (2.7kW)
RAMMING	Stroke	2.0" - 2.8" (50 - 70mm)

SW354 SERIES



SW354

APPLICATIONS:

- Small to Medium Size Commercial Paving Projects
- Municipal and County Road Maintenance
- Highway Shoulders and Widening Projects



		SW354	SW354 (wide drum)
DRUM	Size W/D	47"/27" (1,200/675mm)	51"/27" (1,300/675mm)
OPERATING	Weight	6,525lbs (2,960kg)	6,745lbs (3,060kg)
VIBRATION	Frequency	4,000vpm (66.7Hz)	4,000vpm (66.7Hz)
	Centrifugal Force	6,520lbs (29.0kN)	6,520lbs (29.0kN)
	Nominal Amplitude	0.012" (0.31mm)	0.011" (0.29mm)
ENGINE	Make & Model	Kubota D1703 T4 Final	Kubota D1703 T4 Final
	Horsepower	24HP (18.2kW) @ 2,200rpm	24HP (18.2kW) @ 2,200rpm

SV204 SERIES



SV204D

APPLICATIONS:

- Low to Medium Production Soil Compaction Jobs
- Wide Variety of Soils
- Small to Medium Site Prep Jobs
- Confined Areas
- Large Trench Compaction
- Utility and Repair Work

		SV204D	SV204T
DRUM	Type	Smooth	Padfoot
	Size W/D	54"/39"(1,370/1,000mm)	54"/41"(1,370/1,050mm)
OPERATING	Weight	10,220lbs (4,635kg)	10,440lbs (4,735kg)
	Gradability	52%	49%
VIBRATION	Frequency	1,800vpm (30Hz)	1,800vpm (30Hz)
	Centrifugal Force	16,635lbs (74kN)	16,635lbs (74kN)
	Nominal Amplitude	0.065" (1.65mm)	0.060" (1.52mm)
ENGINE	Make & Model	Kubota V3307 T4 Final	Kubota V3307 T4 Final
	Horsepower	73HP (54.6kW) @ 2,200rpm	73HP (54.6kW) @ 2,200rpm

SV204 SERIES



SV204TB

FEATURES & BENEFITS:

- High Centrifugal Force Outputs
- Choice of Drum Configurations
- Durable Rubber Isolator System for Vibratory Drum
- Traction Control
- Heavy-Duty Center Hitch Design
- ROPS and Seat Belts Standard
- Three Braking Choices
- Raised Exhaust for Trench Work
- Operator Station Access from Both Sides of Machine

		SV204TB	SV204TF
DRUM	Type	Padfoot with Blade	Padfoot/Smooth Shell
	Size W/D	54"/41"(1,370/1,050mm)	54"/43"(1,370/1,090mm)
OPERATING	Weight	11,100lbs (5,035kg)	11,980lbs (5,435kg)
	Gradability	46%	41%
VIBRATION	Frequency	1,800vpm (30Hz)	1,800vpm (30Hz)
	Centrifugal Force	16,635lbs (74kN)	16,635lbs (74kN)
	Nominal Amplitude	0.060" (1.52mm)	0.039" (1.00mm)
ENGINE	Make & Model	Kubota V3307 T4 Final	Kubota V3307 T4 Final
	Horsepower	73HP (54.6kW) @ 2,200rpm	73HP (54.6kW) @ 2,200rpm

ABOUT US



Sakai was founded in Japan in May 1918 for the manufacture and repair of diesel locomotives. Over time, those product lines evolved into what now is 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. Products for the North American market are now made in America and shipped from the Sakai manufacturing plant in Adairsville, Georgia. This strong commitment to the American market is supported by the rapid dispatch of parts and service from our facility in suburban Atlanta.

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