

SAKAI

MASTERS OF COMPACTION



Reliable.
Easy-to-Use.
Durable.

LIGHT EQUIPMENT PRODUCT GUIDE

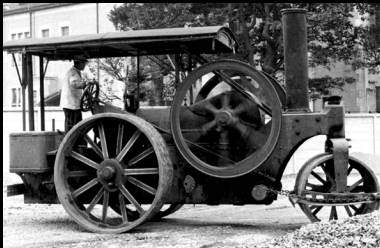


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WHY SAKAI?

Quality that has stood the test of 100 years...

Sakai was founded in 1918 and while we have been involved in the manufacture of heavy compaction equipment since 1929, we also offer a range of light compaction equipment. From rammers and plate compactors to walk-behind rollers and ride-on vibratory soil and asphalt rollers, our compaction equipment is the most proven in the industry.



Easy to use, easy to maintain...

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 durable analog controls which are simpler to use as well as less likely to break. Less downtime for operator training and maintenance means higher productivity and greater utilization.

A warranty you'll likely never need...

Sakai offers a full warranty on all the equipment we manufacture. Claims on Sakai machines are historically few and far between but rest assured that if you buy a Sakai, you'll be well taken care of even if you do experience issues.

EQUIPMENT	FULL MACHINE	ENGINE
Rammers	1 year	2 yrs (Honda)
Plate Compactors	1 year	2 yrs (Honda)
HS67ST	1 year	2 yrs (Honda)
CR271	1 year / 1,000 hours	
204 Series / 354 Series	3 years / 3,000 hours	

RAMMERS



RS65



RS75

Key Features & Benefits:

- ✓ Steel cage mitigates accidental drop damage
- ✓ Throttle lever doubles as fuel-cutoff to prevent leaks
- ✓ Double air filter system with easy access
- ✓ Reduced shock to operator vs competitors
- ✓ Superior ground visibility (no plastic covers)

	RS65	RS75
Shoe Size	11" x 13.4" (280 x 340 mm)	11" x 13.4" (280 x 340 mm)
Weight	152 lbs (69 kg)	165 lbs (75 kg)
Compaction Width	11" (280 mm)	11" (280 mm)
Vibration Frequency	648-690 vpm (10.8-11.5 Hz)	648-690 vpm (10.8-11.5 Hz)
Impact Force	3,375 lbs (15 kN)	4,050 lbs (18 kN)
Ramming Stroke	2"-2.8" (50-70 mm)	2"-2.8" (50-70 mm)
Engine Model	Honda GX100	Honda GXR120
Horsepower	2.8 HP (2.1 kW)	3.6 HP (2.7 kW)
OPTIONS: See Page 5		



PC600

PC800

Key Features & Benefits:

- ✓ Quick-release water tank
- ✓ Reliable water spray system
- ✓ Superior shock isolation for operators
- ✓ Heavy-duty abrasion-resistant hardened steel plate
- ✓ Foldable handle (PC600) / reversible handle (PC800)
- ✓ Extremely lightweight relative to force

	PC600	PC800
Plate Size	13.8" x 20.5" (350 x 520 mm)	19.7" x 23" (500 x 585 mm)
Operating Weight	159 lbs (72 kg)	225 lbs (102 kg)
Force	2,650 lbs (11.8 kN)	3,640 lbs (16.2 kN)
Water Tank	2.6 gal (10 L)	2.6 gal (10 L)
Fuel Tank	0.5 gal (2 L)	1.0 gal (3.6 L)
Engine Model	Honda GX120	Honda GX160
Horsepower	3.5 HP (2.8 kW)	5.4 HP (4 kW)
OPTIONS: See Page 5		

Several optional attachments are available to order for our RS65 / RS75 rammers as well as our PC600 / PC800 plate compactors. Ask your Sakai dealer for pricing and availability.

6" Trench Foot
(RS65/RS75)

This optional foot size is used in applications where a trench is narrower than the standard 11" x 13.4" rammer shoe. Applications include electrical and plumbing trenches.



(PC800 kit pictured)

Wheel Kit
(PC600/800)

Our optional wheel kit attaches to Sakai plate compactors allowing easier transport for loading and around the job site.

Vulcan Mat
(PC600/800)

This rubber mat attaches to the bottom of our plate compactors to protect landscaping pavers and stones from damage during compaction.





HS67ST		
Applications	<ul style="list-style-type: none">• Patching• Landscaping• Parking lots• Bike trails• Golf courses• Narrow utility installs	
Drums	25" x 14" (635/355 mm)	
Operating Weight	1,545 lbs (700 kg)	
Vibration Frequency	3,300 vpm (55 Hz)	
Force / Amplitude	2,650 lbs (11.8 kN) / 0.009" (0.24 mm)	
Engine Model	Honda GX390 – 9.4 HP (7 kW)	



CR271	
Applications	<ul style="list-style-type: none">• Small-medium asphalt / soil jobs• Road maintenance / widening• County roads• Driveways & parking lots• Landscaping• Bike trails & golf courses• Utility installation
Drums	35.5" x 22" (900/560 mm)
Operating Weight	3,245 lbs (1,470 kg)
Vibration Frequency	4,000 vpm (66.7 Hz)
Force / Amplitude	2,965 lbs (13.2 kN) / 0.014" (0.35 mm)
Engine Model	Honda GX630R – 20.8 HP (15.5 kW)
Fuel / Water Capacity	7.9 gal (30 L) / 39.6 gal (150 L)
OPTIONS: Strobe, Extended Warranty	

ROLLERS

No DPF. No DEF needed.
No ECM, mechanical engine!

Folding ROPS

Triple-filtered spray system with timer

Extra-wide comfort bench seat

Excellent curb clearance

SW354

Heavy-duty center hitch

Chamfered drum edges

All-drum drive with independent vibe

Counter-rotating eccentrics



51" WIDE-DRUM
VARIANT AVAILABLE!

ROLLERS

No DPF. No DEF needed. No ECM, mechanical engine!

Folding ROPS

Triple-filtered spray system with timer

Extra-wide comfort bench seat

Separate release agent tank

Great for turns – tires won't damage curbs

TW354 Combi

Super-flat tires knead for a smooth finish

Chamfered drum edges

Durable isolators

Heavy-duty center hitch



SW354	
Applications	<ul style="list-style-type: none">• Small-medium paving projects• Parking lots & driveways• Municipal & county roads• Road maintenance & patch work• Highway shoulders• Widening projects
Drums	47" x 27" (1200/675 mm)
Operating Weight	6,525 lbs (2,960 kg)
Vibration Frequency	4,000 vpm (66.7 Hz)
Force / Amplitude	6,520 lbs (29 kN) / 0.012" (0.31 mm)
Engine Model	Kubota D1703 T4 Final
Horsepower	24 HP (18.2 kW) @ 2,200 rpm
Fuel / Water Capacity	10.6 gal (40 L) / 52.8 gal (200 L)
OPTIONS: Guardman (NEW!), Canopy, Strobe, Cocoa Mat, Drum Lights, Work Lights, Extended Warranty, Telematics	

TW354 COMBI	
Applications	<ul style="list-style-type: none">• Small-medium tonnage projects• Parking lots & driveways• Municipal & county roads• Road maintenance & patch work• Road shoulders, ramps, widening• Tennis courts & bike paths
Drum	47" x 27" (1200/675 mm)
Operating Weight	5,865 lbs (2,660 kg)
Vibration Frequency	3,120 vpm (52 Hz)
Force / Amplitude	4,630 lbs (20.6 kN) / 0.014" (0.36 mm)
Engine Model	Kubota D1703 T4 Final
Horsepower	24 HP (18.2 kW) @ 2,200 rpm
Fuel / Water Capacity	10.6 gal (40 L) / 52.8 gal (200 L)
OPTIONS: Guardman (NEW!), Canopy, Strobe, Cocoa Mat, Drum Lights, Work Lights, Extended Warranty, Telematics	



	SV204D (SMOOTH)	SV204T (PADFOOT)
Drum	54" x 39" (1,370/1,000 mm)	54" x 41" (1,370/1,050 mm)
Operating Weight	10,220 lbs (4,635kg)	10,440 lbs (4,735kg)
Gradability	52%	49%
Vibration Frequency	1,800 vpm (30 Hz)	1,800 vpm (30 Hz)
Force	16,635 lbs (74 kN)	16,635 lbs (74 kN)
Amplitude	0.065" (1.65 mm)	0.060" (1.52 mm)
Engine Model	Kubota V3307 T4 Final	
Horsepower	73 HP (54.6 kW) @ 2,200 rpm	
OPTIONS: Blade Kit, Strobe, Work Lights, Extended Warranty		



	SV204TB (PADFOOT + BLADE)	SV204TF (PADFOOT + SHELL)
SV204 Applications	<ul style="list-style-type: none">• Low-med production site work• Wide variety of soils• Confined areas• Large trench compaction• Utility & repair work	
Drum	54" x 41" (1,370/1,050 mm)	54" x 43" (1,370/1,090 mm)
Operating Weight	11,100 lbs (5,035 kg)	11,980 lbs (5,435 kg)
Gradability	46%	41%
Vibration Frequency	1,800 vpm (30 Hz)	1,800 vpm (30 Hz)
Force	16,635 lbs (74 kN)	16,635 lbs (74 kN)
Amplitude	0.060" (1.52 mm)	0.039" (1.00 mm)
Engine Model	Kubota V3307 T4 Final	
Horsepower	73 HP (54.6 kW) @ 2,200 rpm	
OPTIONS: Blade Kit, Strobe, Work Lights, Extended Warranty		



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SakaiAmerica.com



Sakai was founded in Japan in 1918 for the manufacture and repair of diesel locomotives. Over time, those product lines evolved into what is now considered the most durable and easy-to-use line of compaction equipment in the world. Sakai products are now distributed globally.

Sakai America was established and began importing machines in 1976. We now build many U.S. and Canadian market machines here in our Adairsville, Georgia, manufacturing plant. Our nationwide network of dealers and extensive domestic parts stock in Georgia reinforces our strong commitment to the North American market.

Why **Sakai**? Japanese reliability, quality, and dependability that comes from intensive engineering and simplicity.

Authorized Dealer:

2023.01

800-323-0535

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