SAKAI
MASTERS OF COMPACTION

HV Series
HS
PC Series
PF Series
RS Series

WALK-BEHIND ROLLER

HV520·620 / HV58 / HV80·80ST / HS67ST

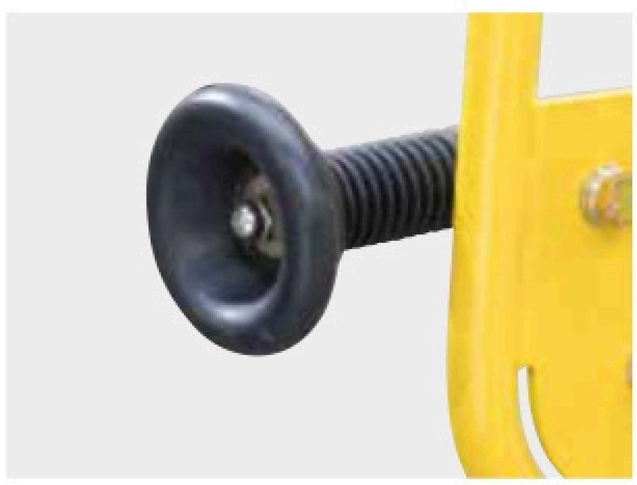
HV520·620

Easy to handle and highly efficient for compaction of soil and asphalt on all types of job sites

Head light

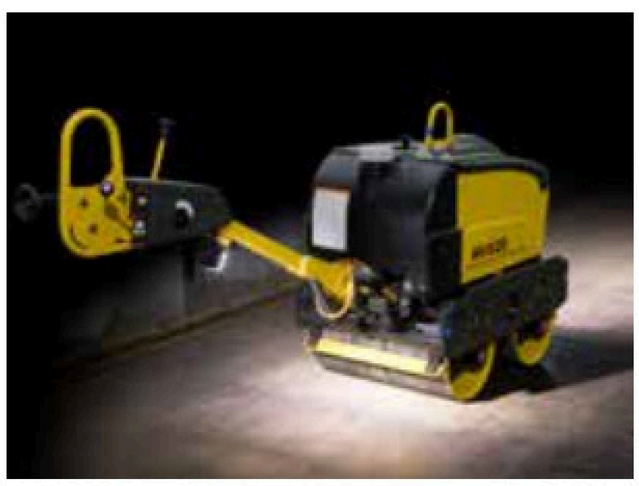
Locking pin for folding handle

Large diameter and chained water cap



Safety brake knob (dead man's handle)

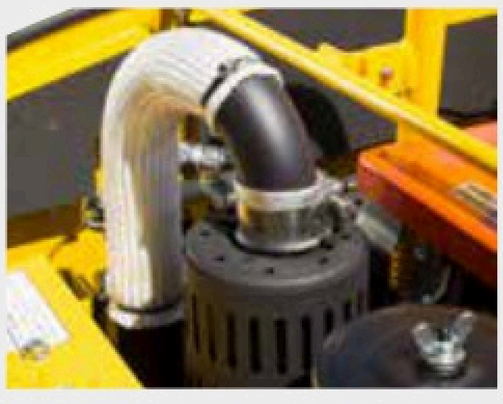
Hour meter



Foot light (Option)

Special Mention!

One-touch open covers for easy maintenance



Water hammer protection muffler

High Efficiency

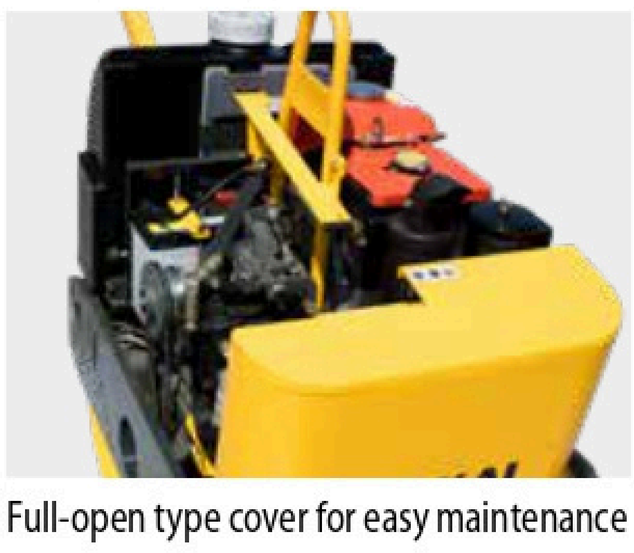
- Small wall clearance and ample curb clearance allow the closest possible approach to any obstacles.
- All comands for operating the machine are centralized and can be made from the operation handle.
- Improving fuel consumption by 10% (vs.HV51ST / 61ST)
- Increasing capacity of sprinkler tank (30 L → 35 L) (vs. SAKAI's past model)
- Super silent (Sound power level : 94 dB)

HV58

HV80

HS67ST

Head light
(standard for HV58, HS67ST)



Full-open type cover for easy maintenance

Power steering (HS67ST)
Steering angle: +/- 15 degrees

Option

Foot light

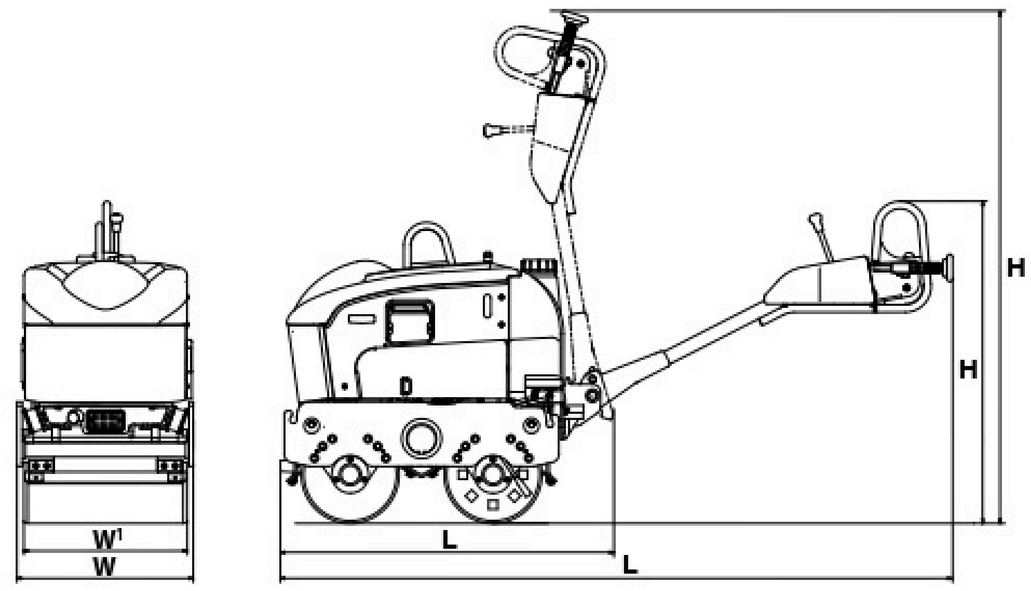
Head light (HV80ST)

High Efficiency

- Easily adjustable sprinkler system and wide water pipes splashes water onto both drums from edge to edge.
- Open type side guard protects the engine from obstacles and allows easy access for maintenance of the engine.
- The HS model is equipped with a power steering system that allows the front drum to turn 15 degrees to the left and right with a single switch operation.

SPECIFICATIONS

WALK-BEHIND ROLLER



MODEL			HV520	HV620
CHASSIS MODEL			5HV22	5HV23
WEIGHTS	Max. operating weight	kg (lbs)	620 (1,365)	640 (1,410)
	Operating weight	kg (lbs)	600 (1,320)	620 (1,365)
PERFORMANCE	Centrifugal force	kN (lbs) [kgf]	9.8 (2,205) [1,000]	11.8 (2,650) [1,200]
	Frequency	Hz (vpm)	60 (3,600)	
	Speed range (Forward & Reverse)	km/h (mph)	0–3.0 (0–1.9)	
	Gradeability	% (°)	38 (21)	
DIMENSIONS	Overall length [fold/unfold] **L**	mm (in)	1,210 / 2,450 (48 / 96.5)	
	Overall width **W**	mm (in)	640 (25.2)	695 (27.4)
	Overall height [fold/unfold] **H**	mm (in)	1,865 / 1,175 (73.4 / 46.3)	
	Compaction width **W1**	mm (in)	595 (23.4)	650 (25.6)
ENGINE	Make / Model		KUBOTA / E75-E3-NB3	
	Type		Diesel, Water cooled, 4 cycle, 1 cylinder	
	Max. output	kW(HP)/min-1	4.2 (5.6) / 2,100	
	Starting system		Electric starter	
POWER LINE	Transmission		Hydrostatic	
	Drive wheel		All wheel	
VIBRATION SYSTEM			Eccentric shaft type	
BRAKE SYSTEM	Service brake		Dynamic brake through hydrostatic drive system (F-N-R lever)	
	Parking brake		Mechanical pin lock type (Lever)	
FULUID CAPACITY	Fuel tank	L (gal)	4.8 (1.3)	
	Sprinkler tank (Gravity)	L (gal)	35 (9.2)	
HOUR METER			○	
FRONT LIGHTING SYSTEM			○	
FOOT LIGHTING SYSTEM			OPTION	
POWER STEERING			–	

MODEL			HV58
CHASSIS MODEL			5HV25
WEIGHTS	Max. operating weight	kg (lbs)	615 (1,355)
	Operating weight	kg (lbs)	595 (1,310)
PERFORMANCE	Centrifugal force	kN (lbs) [kgf]	9.8 (2,205) [1,000]
	Frequency	Hz (vpm)	60 (3,600)
	Speed range (Forward & Reverse)	km/h (mph)	0–3.0 (0–1.9)
	Gradeability	% (°)	38 (21)
DIMENSIONS	Overall length [fold/unfold] **L**	mm (in)	1,210 / 2,450 (48 / 96.5)
	Overall width **W**	mm (in)	640 (25.2)
	Overall height [fold/unfold] **H**	mm (in)	1,865 / 1,175 (73.4 / 46.3)
	Compaction width **W1**	mm (in)	595 (23.4)
ENGINE	Make / Model		KUBOTA / E75-E3-NB3
	Type		Diesel, Water cooled, 4 cycle, 1 cylinder
	Max. output	kW(HP)/min-1	4.2 (5.6) / 2,100
	Starting system		Electric starter
POWER LINE	Transmission		Hydrostatic
	Drive wheel		All wheel
VIBRATION SYSTEM			Eccentric shaft type
BRAKE SYSTEM	Service brake		Dynamic brake through hydrostatic drive system (F-N-R lever)
	Parking brake		Mechanical pin lock type (Lever)
FULUID CAPACITY	Fuel tank	L (gal)	4.8 (1.3)
	Sprinkler tank (Gravity)	L (gal)	35 (9.2)
HOUR METER			○
FRONT LIGHTING SYSTEM			○
FOOT LIGHTING SYSTEM			OPTION
POWER STEERING			–

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PLATE COMPACTOR

PC43 / PC53 / PC63 / PC100 / PC800

PC Series

Full range of plate compactors for any materials and any job sites

Highly durable high tension steel plate

180 degrees rotatable plate

Compaction plate can be turned 180 degrees to prolong the service life.

Engine guard with lifting point
(except PC100)

Safety Provisions

- Sakai's original rubber shock-absorbers assure easy handling and comfortable operation.
- Hand-arm vibration is reduced by 30% (for PC43, 53, 63).

High Efficiency

- Highly durable high tension steel plate assures long service life and perfect compaction on any job site.

Option

Sprinkler System
(standard for PC800)

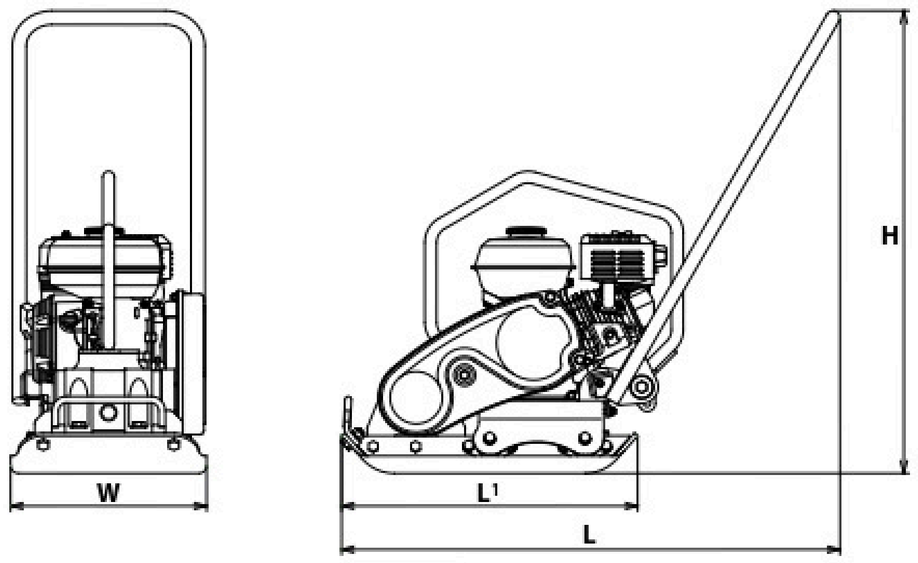
Transport wheels

Throttle lever

Foldable handle

Simple transport wheels

SPECIFICATIONS
PLATE COMPACTOR



MODEL			PC43	PC53	PC63
CHASSIS MODEL			5PC34	5PC35	5PC36
WEIGHTS	Max. operating weight	kg (lbs)	48 (106)	55 (121)	64 (141)
	Operating weight	kg (lbs)	47 (104)	54 (119)	63 (139)
PERFORMANCE	Centrifugal force	kN (lbs) [kgf]	6.4 (1,440) [650]	9.0 (2,030) [920]	10.8 (2,425) [1,100]
	Frequency	Hz (vpm)	96.7 (5,800)		
	Working speed	m/min (ft/min)	20–25 (66–82)		
DIMENSIONS	Overall length **L**	mm (in)	850 (33)	905 (36)	915 (36)
	Overall width **W**	mm (in)	298 (12)	340 (13.5)	360 (14)
	Overall height **H**	mm (in)	790 (31)	845 (33)	850 (34)
	Vibrating plate **W** × **L**[1]	mm (in)	298 × 480 (12 × 19)	340 × 530 (13.5 × 21)	360 × 545 (14 × 21.5)
ENGINE	Make / Model		HONDA / GX100		HONDA / GX120
	Type		Gasoline, Air cooled, 4 cycle, 1 cylinder		
	Max. output	kW(HP)/min^{-1}	2.2 (3.0) / 3,800		2.8 (3.8) / 3,800
	Starting system		Recoil starter		
VIBRATION SYSTEM			Eccentric shaft type		
FLUID CAPACITY	Fuel tank	L (gal)	0.77 (0.2)		2.0 (0.53)
SPRINKLER SYSTEM			OPTION		
ROTATING PLATE			○		
BODY PROTECTION GUARD			○		
SIMPLE TRANSPORT WHEELS			OPTION		
TRANSPORT WHEELS			OPTION		
FOLDABLE HANDLE			OPTION		
THROTTLE LEVER			OPTION		

MODEL			PC100	PC800
CHASSIS MODEL			VPC14	VPC23
WEIGHTS	Max. operating weight	kg (lbs)	104 (229)	109 (240)
	Operating weight	kg (lbs)	103 (227)	102 (225)
PERFORMANCE	Centrifugal force	kN (lbs) [kgf]	16.7 (3,750) [1,700]	16.2 (3,640) [1,650]
	Frequency	Hz (vpm)	96.7 (5,800)	97 (5,820)
	Working speed	m/min (ft/min)	21–25 (69–82)	25–30 (82–98)
DIMENSIONS	Overall length **L**	mm (in)	1,050 (41.3)	915 (36)
	Overall width **W**	mm (in)	480 (18.9)	500 (19.7)
	Overall height **H**	mm (in)	910 (35.8)	960 (37.8)
	Vibrating plate **W** × **L**[1]	mm (in)	480 × 575 (18.9 × 22.6)	500 × 585 (19.7 × 23)
ENGINE	Make / Model		YANMAR / L48N6 - VSAYI	HONDA / GX160
	Type		Diesel, Air cooled, 4 cycle, 1 cylinder	Gasoline, Air cooled, 4 cycle, 1 cylinder
	Max. output	kW(HP)/min^{-1}	3.5 (4.7) / 3,600	4.0 (5.4) / 4,000
	Starting system		Recoil starter	
VIBRATION SYSTEM			Eccentric shaft type	
FLUID CAPACITY	Fuel tank	L (gal)	2.4 (0.63)	3.6 (0.95)
SPRINKLER SYSTEM			OPTION	○
ROTATING PLATE			○	–
BODY PROTECTION GUARD			–	○
SIMPLE TRANSPORT WHEELS			OPTION	
TRANSPORT WHEELS			OPTION	
FOLDABLE HANDLE			OPTION	
THROTTLE LEVER			OPTION	

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REVERSIBLE PLATE COMPACTOR

PF120 / PF150 / PF301

PF Series

Smooth and steady running with dynamic compacting force delivers high productivity at any job sites

Hydrostatic operation lever

Guard bar

Fully sealed belt-cover

Safety Provisions

- Guard bar protects the machine and engine from any damages at job site or during transportation.
- SAKAI original rubber isolators assures comfortable operation and easy control.

High Efficiency

- Newly designed body frame promises smooth and steady compaction for high productivity.
- Hydrostatic operation lever assures easy and quick forward-reverse movements.

Easy Maintenance

- Fully sealed belt-cover protects belt from harmful gravels and assures long sevice life.

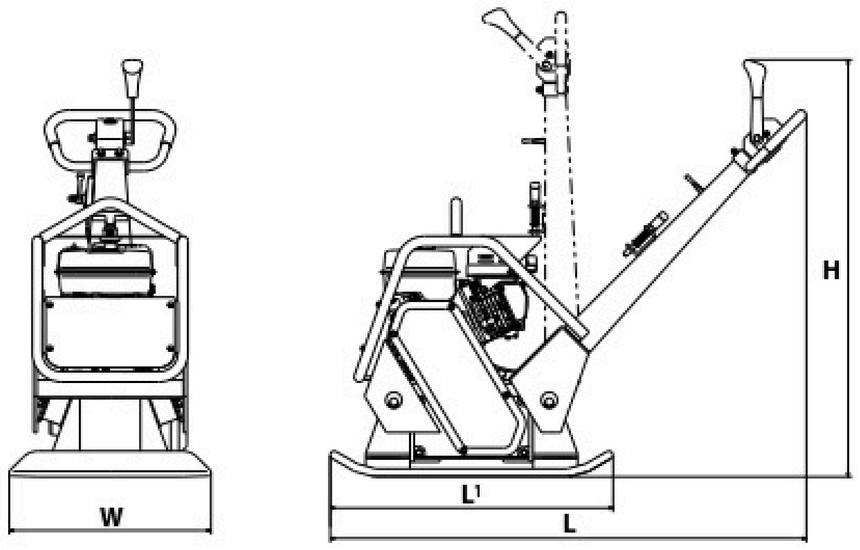
Option

Extension Plates (PF301)

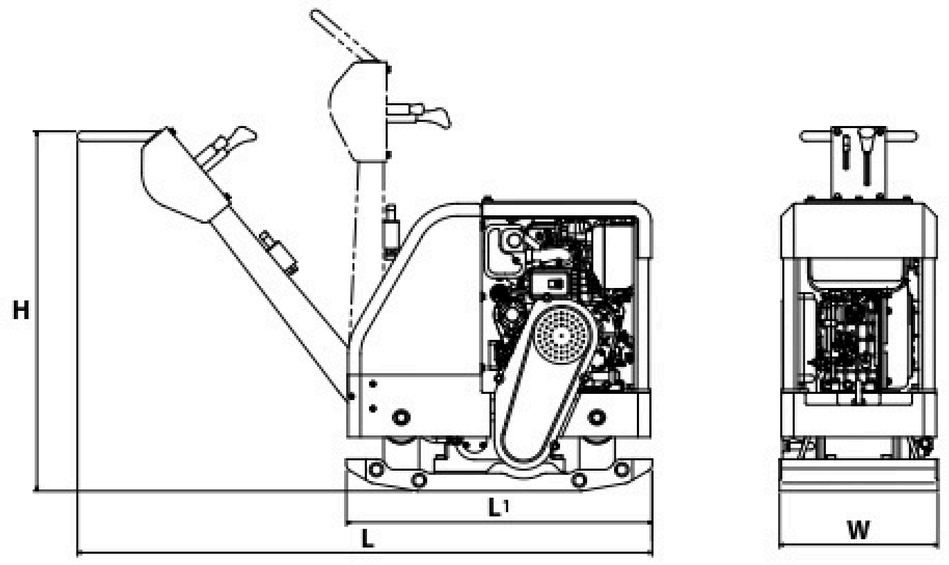
Compaction width can be adjusted by extension plates. (Increased by 155 mm / 6.1 in.)

SPECIFICATIONS
REVERSIBLE PLATE COMPACTOR

PF120 • PF150



PF301



MODEL			PF120	PF150	PF301
CHASSIS MODEL			VPF8	VPF7	VPF5
WEIGHTS	Max. operating weight	kg (lbs)	125 (276)	139 (306)	365 (805)
	Operating weight	kg (lbs)	124 (273)	138 (304)	363 (800)
PERFORMANCE	Centrifugal force	kN (lbs) [kgf]	26 (5,845) [2,650]	31 (6,970) [3,160]	46 (10,340) [4,690]
	Frequency	Hz (vpm)	93 (5,580)		70 (4,200)
	Working speed	m/min (ft/min)	0–23 (0–75)		
DIMENSIONS	Overall length **L**	mm (in)	1,080 (42.5)	1,130 (44.5)	1,615 (63.5)
	Overall width **W**	mm (in)	400 (15.7)	500 (19.7)	445 (18)
	Overall height **H**	mm (in)	995 (39.2)		1,010 (40)
	Vibrating plate **W × L¹**	mm (in)	400 × 600 (15.7 × 23.6)	500 × 700 (19.7 × 27.6)	445 × 860 (18 × 34)
ENGINE	Make / Model		HONDA / GX160	HONDA / GX200	YANMAR / L70V6-VESAYI
	Type		Gasoline, Air cooled, 4 cycle, 1 cylinder		Diesel, Air cooled, 4 cycle, 1 cylinder
	Max. output	kW(HP)/min^{-1}	4.0 (5.4) / 4,000	4.8 (6.4) / 3,600	4.8 (6.4) / 3,800
	Starting system		Recoil starter		Electric starter
VIBRATION SYSTEM			Eccentric shaft type		
FLUID CAPACITY	Fuel tank	L (gal)	3.6 (0.95)		3.3 (0.87)
EXTENSION PLATES			–		OPTION

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Bara Putra Pejajar

www.baraputra.co.id

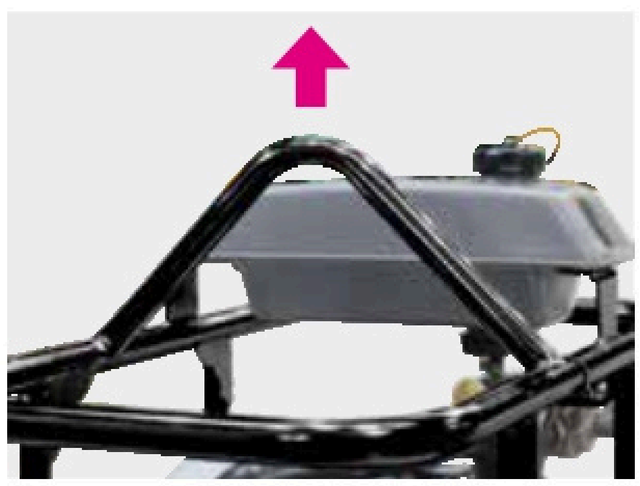
RAMMER

RS45 / RS55 / RS65 / RS75

RS Series

Covering the full range, from the lightest class in the world to heavy duty weight class for a variety of job sites

Shoe with tapered front corner



Guard bar with lifting point

Original large size rubber isolators for easy control and comfortable operation

One throttle lever
(Engine-off, Fuel-off, Throttle adjustment)

UV protected fuel tank

Malti air cleaner system for long interval of engine maintenance

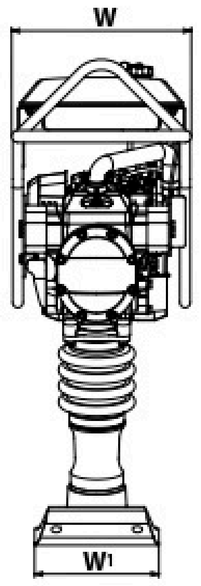
Option

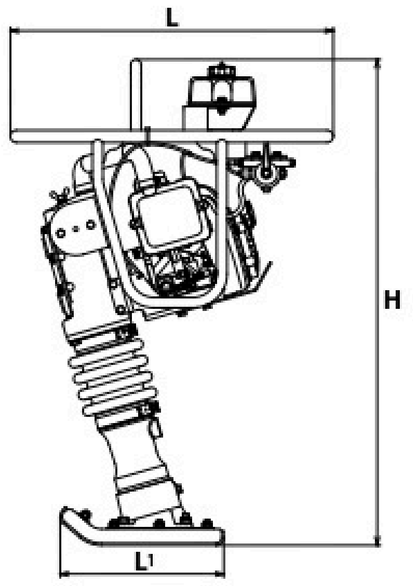
Hand cart

Transport wheels

Hour / Tacho meter

SPECIFICATIONS
RAMMER





MODEL			RS45	RS55
CHASSIS MODEL			VRS4	5RS7
WEIGHTS	Max. operating weight	kg (lbs)	53 (117)	58 (128)
	Operating weight	kg (lbs)	52 (115)	57 (126)
PERFORMANCE	Impact blow	kN (lbs) [kgf]	6 (1,320) [610]	
	Frequency	Hz (vpm)	10.8–11.5 (650–690)	
	Travel speed	m/min (ft/min)	8–12 (26–39)	
	Ramming stroke	mm (in)	40–60 (1.5–2.5)	
DIMENSIONS	Overall length **L**	mm (in)	675 (26.5)	
	Overall width **W**	mm (in)	375 (15)	
	Overall height **H**	mm (in)	1,015 (40)	
	Ramming shoe **W**^{1} × **L**^{1}	mm (in)	230 × 340 (9 × 13.5)	260 × 340 (10 × 13.5)
ENGINE	Make / Model		HONDA / GX100	
	Type		Gasoline, Air cooled, 4 cycle, 1 cylinder	
	Max. output	kW(HP)/min^{-1}	2.3 (3.1) / 4,000	
	Starting system		Recoil starter	
	Carburetor		Float chamber	
FLUID CAPACITY	Fuel tank	L (gal)	2.8 (0.74)	
MULTI AIR CLEANER			○	
ONE THROTTLE LEVER			○	
HOUR / TACHO METER			OPTION	
TRANSPORT WHEELS			OPTION	
HAND CART			OPTION	

MODEL			RS65	RS75
CHASSIS MODEL			VRS2	VRS3
WEIGHTS	Max. operating weight	kg (lbs)	70 (154)	76 (168)
	Operating weight	kg (lbs)	69 (152)	75 (165)
PERFORMANCE	Impact blow	kN (lbs) [kgf]	15 (3,375) [1,530]	18 (4,050) [1,835]
	Frequency	Hz (vpm)	10.8–11.5 (650–690)	
	Travel speed	m/min (ft/min)	12–16 (39–52)	
	Ramming stroke	mm (in)	50–70 (1.5–3.0)	
DIMENSIONS	Overall length **L**	mm (in)	740 (29)	
	Overall width **W**	mm (in)	395 (16)	
	Overall height **H**	mm (in)	1,040 (41)	
	Ramming shoe **W**^{1} × **L**^{1}	mm (in)	280 × 340 (11 × 13.5)	
ENGINE	Make / Model		HONDA / GX100	HONDA / GXR120
	Type		Gasoline, Air cooled, 4 cycle, 1 cylinder	
	Max. output	kW(HP)/min^{-1}	2.1 (2.8) / 3,600	2.7 (3.6) / 3,600
	Starting system		Recoil starter	
	Carburetor		Diaphragm chamber	
FLUID CAPACITY	Fuel tank	L (gal)	2.8 (0.74)	
MULTI AIR CLEANER			○	
ONE THROTTLE LEVER			○	
HOUR / TACHO METER			OPTION	
TRANSPORT WHEELS			OPTION	
HAND CART			OPTION	

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