

HV·HS Series

Vibrating Roller

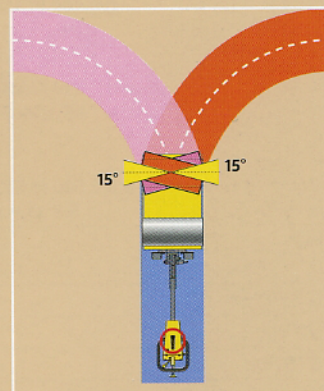
Hydrostatic all-drum drive
Minimal wall clearance on both side



HV Series
Gross Weights
600-830 kg
(1,320-1,830 lbs)



HS66ST
Power steering type
Gross Weights
690 kg (1,521 lbs)



SAKAI®

Quite easy to handle and highly efficient in works in all types of job site

Features

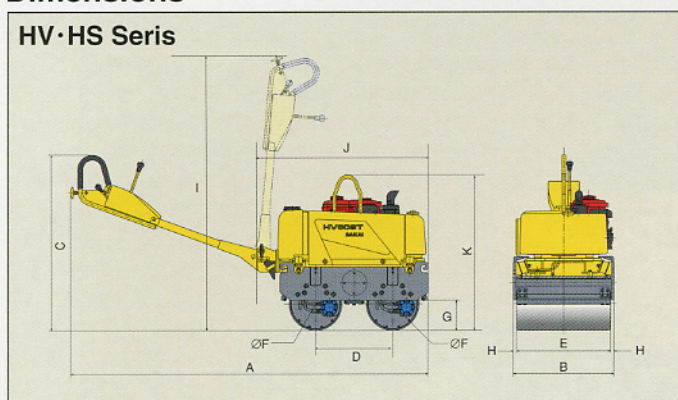
In addition to its excellent compaction performance, the HV series and HS offers:

- Small wall clearance and ample curb clearance on each side, allowing the closest possible approach in confined areas or around obstacles.
- Both drums driven by respective hydraulic motor with built-in reduction unit, eliminating the need for regular periodic adjustments that chain driven rollers require.
- Vinyl-coated steering handle assures firm grip. Coating also provides heat insulation.
- Semi-transparent plastic sprinkler tank permits at-a-glance checking of water level and eliminates spray nozzle clogging due to rust.
- Safety provisions: Reliable pinch protection device, positive pin-lock brake and horn switch.

Features for the HS series

- Power Steering is equipped at the front drum and can be turned very easily by switch at the F-R lever.
(The turning angles are 15 degrees on both the left and right)

Dimensions



	HV50ST	HV60ST	HV80/HV80ST	HS66ST
A	2,450(96)	2,450(96)	2,620(103)	2,480(98)
B	640(25)	680(26.8)	760(29.9)	680(26.8)
C	1,190(47)	1,190(47)	1,170(46)	1,025(40)
D	520(20.5)	520(20.5)	580(23)	650(25.6)
E	595(23.4)	635(25)	710(28)	635(25)
F	355(14)	355(14)	405(15.9)	355(14)
G	205(8)	205(8)	250(10)	270(10.6)
H	25/22(1/0.8)	25/22(1/0.8)	25(1)	21/38(0.8/1.5)
I	1,880(74)	1,880(74)	1,890(74.4)	1,780(70)
J	1,152(45.4)	1,152(45.4)	1,340(52.8)	1,265(49.8)
K	1,060(42)	1,060(42)	1,090(43)	1,135(45)

Unit: mm (in)

MODEL	HV50ST	HV60ST	HV80	HV80ST	HS66ST
WEIGHT					
Operating weight kg (lbs)	600 (1,320)	660 (1,455)	810 (1,790)	830 (1,830)	690 (1,520)
SPEED km/h (mph)	0 - 3.5 (0 - 22)	0 - 3.5 (0-22)	0 - 3.5 (0-22)	0 - 3.5 (0-22)	0 - 3.5 (0 -21)
VIBRATING POWER					
Frequency Hz (vpm)	55 (3,300)	55 (3,300)	55 (3,300)	55 (3,300)	55 (3,300)
Centrifugal force kN (lbs)	9.8 (2,200)	11.8 (2,600)	15.7 (3,500)	15.7 (3,500)	11.8 (2,600)
GRADABILITY % (deg.)	46 (25)	46(25)	46(25)	46(25)	46 (25)
ENGINE (KUBOTA)					
Model	KUBOTA E75-NB3	KUBOTA E75-NB3	KUBOTA EA8-N	KUBOTA EA8-NB	KUBOTA E75-NB3
Type	Water-cooled 4cycle diesel				
Rated output/speed KW/min (PS/rpm)	4.0/2,500 (5.5/2,500)	4.0/2,500 (5.5/2500)	5.0/2,500 (6.8/2500)	5.0/2,500 (6.8/2500)	4.0/2,500 (5.5/2,500)
Fuel tank capacity l (gal)	4.8 (1.3)	4.8 (1.3)	7.5 (2.0)	7.5 (2.0)	4.8 (1.3)
ENGINE (YANMAR)					
Model	YANMAR NFAD6-E	YANMAR NFAD6-E	YANMAR NFAD8-SA	YANMAR NFAD8-ESA	YANMAR NFAD6-ESA
Type	Water-cooled 4cycle diesel				
Rated output/speed KW/min (PS/rpm)	3.9/2,500 (5.3/2,500)	3.9/2,500 (5.3/2,500)	5.0/2,500 (6.8/2,500)	5.0/2,500 (6.8/2,500)	3.9/2,500 (5.3/2,500)
Fuel tank capacity l (gal)	5.2 (1.4)	5.2 (1.4)	7.1(1.9)	7.1(1.9)	4.8 (1.3)
POWER LINE Type	Hydrostatic transmission				
Final drive	Gear				
VIBRATING SYSTEM	Eccentric shaft type				
BARKE SYSTEM	Mechanical, pin lock type				
ROLLING SYSTEM	Tandem type both drum drive				
WATER Type	Gravity				
SPRINKER Capacity l (gal)	30 (7.9)	30(7.9)	40(10.6)	40(10..6)	30(7.9)

* Specification are subject to change without notice.



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