

# SAKAI®

# SV204

Series

Soil Compactor



**SV204D**

## Vibratory Single Drum Roller

### Performance

- 73HP (54.6kW) water-cooled Kubota diesel engine
- DPF & DOC with muffler
- Improved traction

### Safety Features

- ROPS canopy and seat belt standard
- Foot operated emergency stop brake standard
- Patented drum vibration isolation system and floating deck insulate the operator from vibration
- High positioned exhaust pipe vents exhaust gas up away from the operator

### Maintenance Features

- 12V power outlet standard



**SV204T**



**SV204TF**

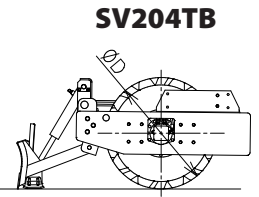
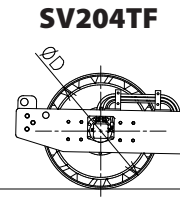
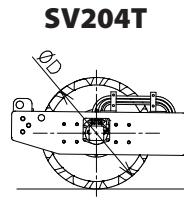
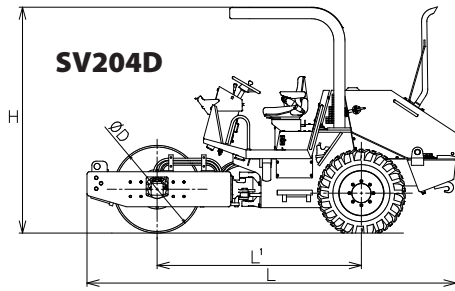
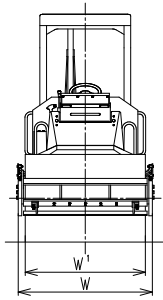


**SV204TB**

[www.sakaiamerica.com](http://www.sakaiamerica.com)

Options shown. Contact your dealer for details.

# SV204 Series



TYPE		Vibratory Single Drum Roller				
MODEL		SV204D	SV204T	SV204TF	SV204TB	
CHASSIS MODEL		1SV65				
<b>WEIGHTS</b>	Max. operating weight with ROPS	kg (lbs)	4,675 (10,305)	4,775 (10,525)	5,475 (12,070)	5,075 (11,190)
	Operating weight with ROPS	kg (lbs)	4,635 (10,220)	4,735 (10,440)	5,435 (11,980)	5,035 (11,100)
	Load on front axle - operating weight with ROPS	kg (lbs)	2,175 (4,795)	2,275 (5,015)	2,975 (6,560)	2,625 (5,785)
	Load on rear axle - operating weight with ROPS	kg (lbs)	2,460 (5,425)	2,460 (5,425)	2,460 (5,425)	2,410 (5,315)
<b>PERFORMANCE</b>	Centrifugal force	kN (lbs) [kgf]	74 (16,635) [7,545]			
	Frequency	Hz (vpm)	30 (1,800)			
	Amplitude	mm (in)	1.65 (0.065)	1.52 (0.060)	1.00 (0.039)	1.52 (0.060)
	Dynamic linear pressure for front drum - operating weight with ROPS	N/cm (lbs/in)	156 (90)	-	739 (420)	-
	Number of speed shifts		1			
	Speed range (L / H)	km/h (mph)	0 - 7.4 (0 - 4.6)	0 - 7.5 (0 - 4.7)	0 - 7.6 (0 - 4.7)	0 - 7.5 (0 - 4.7)
	Gradability	% (°)	52 (27)	49 (26)	41 (22)	46 (24)
	Turning radius compacted surface (inside / outside)	m (in)	2.5 / 4.0 (99 / 158)			
	Overall length L	mm (in)	4,210 (166)			4,770 (188)
	Overall width W	mm (in)	1,570 (62)			1,580 (62)
Overall height (without ROPS)	mm (in)	1,785 (70)	1,800 (71)	1,815 (71)	1,800 (71)	
Overall height (with ROPS) H	mm (in)	2,585 (102)	2,600 (102)	2,615 (103)	2,600 (102)	
Wheelbase L <sup>1</sup>	mm (in)	2,330 (92)				
Compaction width W <sup>1</sup>	mm (in)	1,370 (54)				
Drum width W / Drum diameter D	mm (in)	1,370 / 1,000 (54 / 39)	1,370 / 1,050 (54 / 41)	1,370 / 1,090 (54 / 43)	1,370 / 1,050 (54 / 41)	
Pad height	mm (in)	-	70 (2.8)			
Number of pads	pcs.	-	80			
Shell thickness	mm (in)	19 (0.7)				
Tire size x Number of tires		11.2-20-6PR				
Inflation (each wheel)	kPa (psi)	177 (25.6)				
Ground clearance	mm (in)	290 (11)	300 (12)	310 (12)	300 (12)	
Curb clearance	mm (in)	300 (12)	315 (12)	330 (13)	315 (12)	
Side clearance	mm (in)	100 (4)				
<b>ENGINE</b>	Make	KUBOTA				
	Model	V3307-CR-T-EF05 (EPA Tier4)				
	Type	Diesel, water-cooled, 4-cycle, 4-cylinder inline, with turbo charger				
	Displacement	L (cu.in)	3.331 (203.3)			
	Rated output	kW (HP) / min <sup>-1</sup>	54.6 (73) / 2,200			
	Electric system battery	V (V / Ah x Qty)	12V (12V / 72Ah, CCA750 x 1)			
	Electric system alternator	V / A	12V / 90A			
	<b>DRIVE SYSTEM</b>	Power transmission type	Hydrostatic			
Drive wheel		All wheel (drum & tires)				
<b>VIBRATION SYSTEM</b>	Power transmission type	Hydraulic				
	Number of amplitude	2				
<b>BRAKE SYSTEM</b>	Vibrator type	Single eccentric shaft				
	Service brake	Dynamic braking through hydrostatic drive system / FNR lever				
	Secondary brake (Emergency brake)	Hydrostatic + Spring applied hydraulically released type (SAHR) / Brake pedal				
<b>STEERING SYSTEM</b>	Parking brake	SAHR / Panel button				
	Power transmission type	Hydraulic				
<b>FLUID CAPACITY</b>	Articulation / Oscillation angle	± (°)	40 / 10			
	Fuel tank	L (gal)	100 (26.4)			
	Hydraulic oil tank	L (gal)	38 (10)			

Using low quality fuel may cause engine failure.

- Specified figures have a tolerance of ±5%.
- All specifications may be changed without notice.
- Specified figures are in SI Units, followed by their equivalent in English units of measurement in parentheses.

- Max. operating weight : Fuel=100%, Water=100%, Operator=75kg.
- Operating weight : Fuel=50%, water=50%, operator=75kg.
- The photos may contain optional equipment and/or attachment.