

**SAKAI®**

# SV640

Series



**SV640T**

## Vibratory Single Drum Roller

**The innovatively designed SV640 is applicable to medium to large soil compaction jobs. The SV640 includes new roller features and optimizes job profitability through efficiency.**

### Proven Compaction Performance

- Increased compactive force reaches target density in fewer roller passes.
- Provides higher centrifugal force and amplitude.
- Achieves uniform compaction throughout lift thickness.

### Standard Automatic Traction Control

- Anti-slip control system for drum and tires ensures compaction while traveling forward or in reverse—even on jobs with soft ground, slopes or rough terrains.

### Low Operating Costs

- Sakai's new ECO Compaction Mode (ECM) reduces fuel consumption up to 20% while maintaining powerful performance.
- Durable, quality components such as the hydraulics, drum, and center-pin hitch assure longer life and lower maintenance costs.
- Sakai's unique drum mounting system extends the life of the drum isolators.

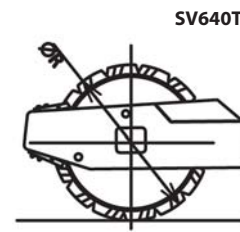
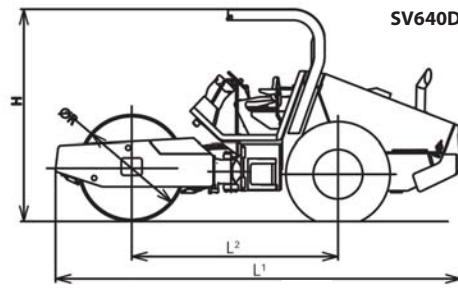
### Operator Comfort and Safety

- Includes Sakai's durable dual rubber isolation system between the drum and the operator deck.
- Brake pedal comes standard for added safety.
- Large, comfortable cab with many standard features and your choice of options.

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

Options shown. Contact your dealer for details.

# SV640 Series



TYPE			
<b>MODEL</b>			
<b>CHASSIS MODEL</b>			
<b>WEIGHT</b>	Operating weight [with ROPS]	kg(lbs)	
	Load on front axle [operating weight with ROPS]	kg(lbs)	
	Load on rear axle [operating weight with ROPS]	kg(lbs)	
<b>PERFORMANCE</b>	Centrifugal force [L / H]	kN(lbs)[kgf]	
	Frequency [L / H]	Hz(vpm)	
	Amplitude [L / H]	mm(in)	
	Dynamic linear pressure for front drum [operating weight with ROPS][L / H]	N/cm (lb/in)	
	No.of speeds		
	Speed range [L / H]	km/h(mph)	
	Gradability	%(°)	
	Min.turning radius [outer]	m(in)	
	Overall length <b>L<sup>1</sup></b>	mm(in)	
	Overall width <b>W<sup>2</sup></b>	mm(in)	
	Overall height [without ROPS]	mm(in)	
	Overall height [with ROPS] <b>H</b>	mm(in)	
	Wheelbase <b>L<sup>2</sup></b>	mm(in)	
	Compaction width <b>W<sup>1</sup></b>	mm(in)	
	Drum width <b>W<sup>1</sup></b> / Drum diameter <b>R</b>	mm(in)	
Pad height	mm(in)		
No.of pads	pcs.		
Shell thickness	mm(in)		
Tire size × No.of tires			
Inflation [each wheels]	kPa(psi)		
Ground clearance	mm(in)		
Curb clearance	mm(in)		
Side clearance	mm(in)		
<b>ENGINE</b>	Make		
	Model		
	EPA emission standard		
	Type		
	Displacement	L(cu.in)	
	Rated output	kW(HP)/min-1	
	Electric system battery	V(V/CCA×Qty)	
	Electric system alternator	V/A	
	<b>POWER LINE</b>	Transmission	
		Type	
Drive wheel			
<b>VIBRATION SYSTEM</b>	Drive		
	No.of amplitude		
	Vibrator		
<b>BRAKE SYSTEM</b>	Service (working)		
	Secondary (emergency)		
	Parking (parking)		
<b>STEERING SYSTEM</b>	Type		
	Articulation / Oscillation	±(°)	
<b>FLUID CAPACITY</b>	Fuel tank	L(gal)	
	Hydraulic tank	L(gal)	

Vibratory Single Drum Roller		
SV640D	SV640T	
<b>3SV55</b>		
13,150(28,990)		13,525(29,820)
7,150(15,760)		7,485(16,500)
6,000(13,230)		6,040(13,320)
172 / 255 (38,665 / 57,325) [17,440 / 26,000]		
33.3 / 28.3(2,000 / 1,700)		
1.02 / 2.08 (0.040 / 0.082)		0.94 / 1.92 (0.037 / 0.076)
1,137 / 1,526 (649 / 872)		-
2		
0 - 6 / 0 - 10(0 - 3.7 / 0 - 6.2)		
50(27)		46(25)
5.6(221)		
5,840(230)		5,835(230)
2,295(90)		
2,190(86)		2,265(89)
3,050(120)		3,110(122)
2,970(117)		
2,130(84)		
2,130 / 1,530 (84 / 60)		2,130 / 1,600 (84 / 63)
-		100(4)
-		140
25(0.98)		22(0.87)
23.1-26-8PR(OR)×2		23.1-26-10PR(OR)×2
137.34(19.9)		
405(15.5)		450(17.5)
500(19.5)		530(20.5)
82.5(3)		
CUMMINS		
QSB 4.5		
EPA Interim Tier 4		
Diesel, water cooled, 4 cycle, 4 cylinder with turbo charger		
4.460(272.2)		
119(160) / 2,200		
24(12 / 760×2)		
24 / 70		
Hydrostatic transmission		
Hydraulic		
All wheel		
Hydrostatic		
2		
Eccentric shaft type		
Hydrostatic dynamic brake through drive system / FNR Lever		
Hydrostatic + Spring-applied hydraulically released (SAHR) / Brake pedal		
SAHR / Panel button		
Hydraulic(Articulated)		
37 / 9.0		
265(70)		
50(13)		

- Operating weight : 100% Fuel, 100% Water, no Operator.
- Specifications are subject to change without notice.
- Above specified numbers could be deviated within ±5%.
- All units are SI units. Inside of ( ) is for reference units.
- The photos may contain optional equipment and/or attachments.

#### Optional Equipment

- ROPS+CAB • Mirrors • Air conditioner • Work lights
- Rotary beacon • Compaction Control unit ; CCV,CIS • Telematics



**SAKAI AMERICA, INC.**  
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