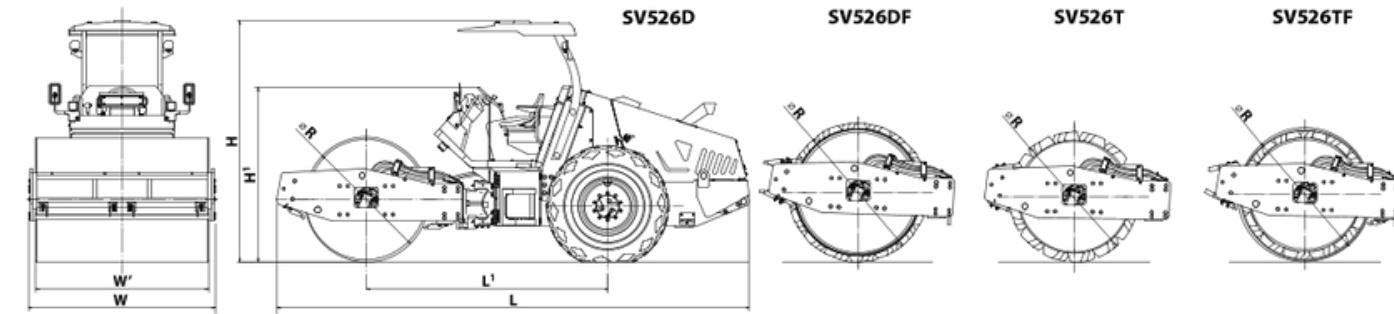


SV526 Series



SV526 Series

Soil Compactor



TYPE	Vibratory Single Drum Roller			
	SV526D	SV526DF*1	SV526T	SV526TF*2
DRUM TYPE	Smooth Drum	Combi. Drum	Padfoot Drum	Combi. Drum
WEIGHTS	Max. operating weight with AWNING kg (lbs.)	10,325 (22,765)	11,965 (26,380)	10,665 (23,515)
	Operating weight with AWNING kg (lbs.)	10,235 (22,565)	11,875 (26,180)	10,575 (23,315)
	Load on front axle - operating weight with AWNING kg (lbs.)	5,800 (12,790)	7,505 (16,550)	6,180 (13,625)
	Load on rear axle - operating weight with AWNING kg (lbs.)	4,435 (9,780)	4,370 (9,635)	4,395 (9,690)
	Static Linear Pressure(drum) - operating weight with AWNING kg/cm (lbs/in.)	27.2 (150)	—	39.6 (220)
PERFORMANCE	Centrifugal force (L / H) kN(lbs.)[kgf]	150 (33,720) [15,300] / 255 (57,325) [26,000]		
	Frequency @ low amplitude/high amplitude Hz (vpm)	33.3 (2,000) / 28.8 (1,730)		
	Amplitude (L / H) mm (in)	0.87 (0.034) / 2.05 (0.081)	0.62 (0.024) / 1.47 (0.058)	0.81 (0.032) / 1.90 (0.075)
	Number of speeds: Speed range (L / H) km / h (mph)	2 speeds: 0-6 (0-3.7) / 0-10 (0-6.2)		
	Gradeability % (°)	63% (32°)	56% (29°)	63% (32°)
	Turning radius at compacted surface (inner / outer) m (in)	3.4 (134) / 5.6 (221)		
DIMENSIONS	Overall length L mm (in)	5,810 (229)		
	Overall width W mm (in)	2,300 (91)		
	Overall height (without AWNING) H ¹ mm (in)	2,160 (85)	2,195 (86)	2,165 (85)
	Overall height (with AWNING) H mm (in)	2,960 (117)	2,995 (118)	2,975 (117)
	Wheelbase L ¹ mm (in)		2,970 (117)	
	Compaction width W' mm (in)		2,130 (84)	
	Drum width W' x Drum diameter R mm (in)	2,130 x 1,530 (84 x 60)	2,130 x 1,708 (84 x 67)	2,130 x 1,600 (84 x 63)
	Pad height mm (in)	—	75 (3)	100 (4)
	Number of pads pcs.	—	160	140
	Shell thickness mm (in)	25 (1.0)		22 (0.9)
	Tire size x Number of tires		23.1 - 26 - 8PR (OR) x 2	
	Ground clearance mm (in)	400 (16)	370 (15)	390 (15)
	Curb clearance mm (in)	500 (20)	555 (22)	520 (20)
	Side clearance mm (in)		85 (3)	
ENGINE	Make & Model	Isuzu "4BG1T" (EPA-Tier 2: equivalent)		
	Type	Water-cooled, 4-cycle, 4-cylinder, overhead valve, direct injection type diesel engine with turbocharger		
	Displacement L (cu. in.)	4.329 (264.2)		
	Rated output kW (HP)/min ⁻¹	83.3 (112) / 2,100		
	Electric system - battery V (V / Ah x Qty)	24 V (12 V / 80 Ah, 655 CCA x 2 pcs.)		
	Electric system - alternator V/A	24 V / 50 A		
DRIVE SYSTEM	Power transmission type	Hydrostatic transmission		
	Drive wheels	Drum and tires		
VIBRATION SYSTEM	Power transmission type	Hydrostatic transmission		
	Number of amplitudes	2		
	Vibrator type	Single eccentric shaft type		
Brake System	Service brake (primary brake)	Hydrostatic, dynamic brake (FNR lever)		
	Parking brake (secondary brake)	Spring applied, hydraulically released type multi-disc brake (Brake button)		
	Emergency brake	Hydrostatic + Spring applied, hydraulically released type multi-disc brake (Brake pedal)		
STEERING SYSTEM	Type	Hydraulic type (articulated)		
	Articulation / Oscillation angle ± (°)	±37° / ±9°		
FLUID CAPACITY	Fuel tank L (gal.)	215 (56.8)		
	Hydraulic oil tank L (gal.)	50 (13.2)		

¹⁾ Refer the specifications of D or DF without padfoot shells.

²⁾ Refer the specifications of T for TF without smooth shells.

● Specified figures have a tolerance of ±5%.

● All specifications may be changed without notice.

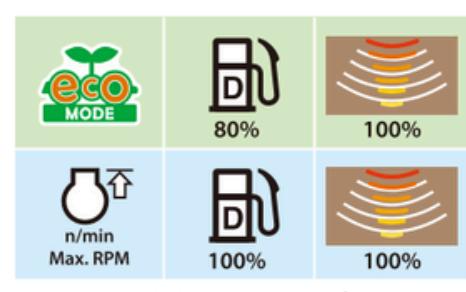
● Specified figures are in SI Units, followed by their equivalent English units of measurement in ().

● Max. operating weight: Fuel=100%, Water=100%, Operator=75 kg

● Operating weight: Fuel=50%, Water=50%, Operator=75 kg

● The photos may contain optional equipment and/or attachment.

* Using low quality fuel may cause engine failure.



ECO Compaction Mode

The photos may contain optional equipment and/or attachment.



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Standard Equipment:

- Instruments
- Gauges
- ECO MODE
- Scrapers for both directions
- Backup alarm
- Horn
- AWNING
- Front-facing working lights (2 pcs.)
- Rear-facing working lights (2 pcs.)
- Mirrors
- 4 points lifting
- Accessory socket (24 V)
- Safety steps
- Vandalism protection

Optional Equipment:

- Enclosed CABIN
- Enclosed ROPS-Cabin w/seat belt
- ROPS-Canopy w/seat belt
- Air conditioner
- Deluxe seat
- Turn signal lamp
- Combi. lamp
- Rotary beacon
- Pad locks for vandalism protection

Reasons for being No.1

Durable Instrument Panel & Brake Pedal

Standard : AWNING
Option : ROPS-Canopy, Enclosed Cabin
Enclosed ROPS-Cabin

Reinforced AWNING :

- Stays : Bending structure
- Roof : Rubber mounted

Side by Side Mounted Radiator & Hydraulic Oil Cooler, Access doors for cleaning and service

Powerful Compaction Force & High Amplitude

For SV526D

- Total applied force : 31.8 tons
- Centrifugal force : 26 tons
- High amplitude : 2.05 mm

*ECO Compaction Mode is standard.

Muffler Cover to prevent burns

Unique Shock Absorbing Design for better isolation and prolonged parts life (4-5 times longer)

Drum Variations in addition to D type

T DF TF

Durable Center-pin Hitch
Lube. cycle : 250 hrs

Tool Box in each side

Solid Fuel Tank

Large Size Sedimentener

- Water Deposit Capacity : 118 ml