



**SV620T**



**SV620D**

## VIBRATORY SINGLE DRUM ROLLER

**The innovatively designed SV620 is applicable to medium to large soil compaction jobs.**

**The SV620 includes new roller features and optimizes job profitability through efficiency.**

### Proven Compactive Performance

- Roller compactive force reaches target density in less number of roller passes.
- Provides higher centrifugal force and amplitude.
- Achieves uniform compaction throughout lift thickness.

The photos may contain optional equipment and/or attachment.

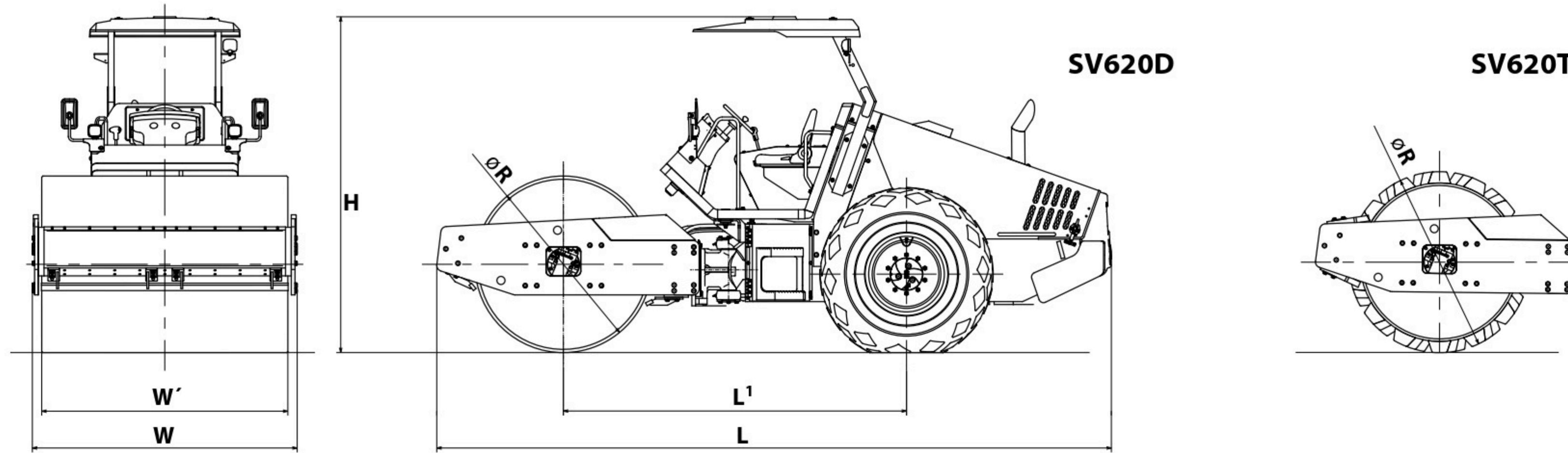
### Low Operating Costs

- Sakai's new *Eco compaction mode (ECM)*, which reduces fuel consumption up to 20%, while maintaining compactive performance.
- Quality and durable components such as hydraulics, drum, center-pin hitch provide less maintenance.

### Operator Comfort and Safety

- Includes Sakai's durable dual rubber isolation system between the drum and operator deck.
- Extremely quiet operator station with noise levels as low as 87 dB(A).

# SV620 Series



TYPE	Vibratory Single Drum Roller		
MODEL	SV620D	SV620T	2SV48
<b>CHASSIS MODEL</b>			
WEIGHTS	Max. operating weight with AWNING Operating weight with AWNING Load on front axle - operating weight with AWNING Load on rear axle - operating weight with AWNING	kg (lbs) kg (lbs) kg (lbs) kg (lbs)	12,890 (28,420) 12,800 (28,220) 7,110 (15,675) 5,690 (12,545)
PERFORMANCE	Centrifugal force (L / H) Frequency (L / H) Amplitude (L / H) Dynamic linear pressure for front drum - operating weight with AWNING (L / H) Number of speed shifts Speed range (L / H) Gradeability Turning radius compacted surface (inside / outside)	kN (lbs)[kgf] Hz(vpm) mm N/cm km/h (mph) % (°) m (in)	172 / 255 (38,665 / 57,325) [17,540 / 26,000] 33.3 / 28.3 (2,000 / 1,700) 1.02 / 2.09 (0.040 / 0.082) 1,135 / 1,524 (645 / 870) 2 0 – 6 / 0 – 10 (0 – 3.7 / 0 – 6.2) 52 (27) 49 (26) 3.5 / 5.6 (138 / 221)
DIMENSIONS	Overall length <b>L</b> Overall width <b>W</b> Overall height (without AWNING) Overall height (with AWNING) <b>H</b> Wheelbase <b>L'</b> Compaction width <b>W'</b> Drum width <b>W'</b> / Drum diameter <b>R</b> Pad height Number of pads Shell thickness Tire size x Number of tires Inflation (each wheels) Ground clearance Curb clearance Side clearance	mm (in) mm (in)	5,840 (230) 2,295 (90) 2,190 (86) 2,910 (115) 2,970 (117) 2,130 (84) 2,130 / 1,530 (84 / 60) – – 25 (1.0) 23.1-26-8PR (OR) 137 (19.9) 405 (16) 500 (20) 82.5 (3)
ENGINE	Make Model Type Displacement Rated output Electric system battery Electric system alternator		ISUZU 4BG1T (EPA Tier2 : equivalent) Diesel, water-cooled, 4-cycle, 4-cylinder inline, with turbo charger L(cu.in) kW (HP)/min <sup>-1</sup> V (V/Ah Qty) V/A
DRIVE SYSTEM	Power transmission type Drive wheel		Hydrostatic All wheel (drum & tires)
VIBRATION SYSTEM	Power transmission type Number of amplitude Vibrator type		Hydraulic 2 Single eccentric shaft
BRAKE SYSTEM	Service brake Secondary brake (Emergency brake) Parking brake		Dynamic braking through hydrostatic drive system / FNR lever Hydrostatic + Spring applied hydraulically released type (SAHR) / Brake pedal SAHR / Panel button
STEERING SYSTEM	Power transmission type		Hydraulic
FLUID CAPACITY	Articulation / Oscillation angle Fuel tank Hydraulic oil tank	± (°) L (gal) L (gal)	37 / 9 210 (55.5) 50 (13.2)

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

\* Using low quality fuel may cause engine failure.