

# PRODUCTS

## SV400T/400TF



### Features

#### Excellent performance

- Well-balanced front and rear weight distribution contributes to excellent traction and slope climbing ability.
- Three basic drum types are available; smooth drum, padfoot drum and smooth-to-padfoot quick-change combination drum.
- The hydrostatic transmission offers variable speed ranges and an ideal speed is easily selected for either working or transit.

#### Easy operation and riding comfort

- Despite powerful vibration, the chassis and operator are fully protected from vibration thanks to SAKAI's patented, unique vibration isolation system.
- Due to the rubber isolator mounted operator deck, the operator's riding comfort is further improved, and electrical instruments and gauges are free from vibration.
- The vibration ON-OFF switch located on the forward-reverse lever facilitates timely vibration control.

#### High Safety Standard

- The roller is equipped with dual independent braking systems. The primary brake is hydrostatic and applied through putting the forward-reverse lever in its "NEUTRAL" position. The three-way secondary braking system is a mechanical spring-applied, hydraulically released type (SAHR) that can be operated either through a push button or pedal or automatically through engine or hydraulic system failure.
- The overall machine design provides the operator with excellent all-around visibility.

## Excellent serviceability

- The engine and hydraulic components are enclosed in a compartment. The engine hood opens fully for easy access to engine and hydraulic components for service and maintenance.
- Large ball bearing and taper bearings are employed in the centerpin mechanism to prolong service life and lubrication intervals.
- The vibrator bearing lubrication system keeps lubricating bearings even during hillside operation.

MODEL		SV400T	SV400TF
<b>WEIGHTS</b>			
Gross weight	kg(lbs)	7,450(16,430)	8,750(19,290)
Load on front	kg(lbs)	3,750(8,270)	5,050(11,130)
Load on rear	kg(lbs)	3,700(8,160)	3,700(8,160)
<b>DIMENSIONS</b>			
Overall length	mm(in)	4,850(191")	
Overall width	mm(in)	1,880(74")	
Overall height	mm(in)	2,835(112")	
Wheelbase	mm(in)	2,570(101")	
Rolling width	mm(in)	1,700(67")	
Ground clearance	mm(in)	315(12.5")	
Curb clearance	mm(in)	420(16.5")	
<b>SPEED (F &amp; R)</b>			
Low		0 - 6 km/h (0 - 3.7 mph)	
High		0 - 10 km/h (0 - 6.2 mph)	
<b>VIBRATING POWER</b>			
Frequency	Hz(vpm)	L:40(2,400) H:30(1,800)	
Centrifugal force (Max.)			
L kN{kgf}(lbs)		103{10,500}(23,150)	
H kN{kgf}(lbs)		127{13,000}(28,660)	
<b>MIN.TURNING RADIUS</b>		4.6m(182in)	
<b>GRADABILITY</b>		62%	
<b>ENGINE</b>			
Model		ISUZU "A-4BG1" diesel Engine	
Type		Water-cooled, 4-cycle, 4-cylinder in-line, vertical mounted, overhead valve, direct injection type	
Piston displacement	L(cu,in)	4.329(264")	
Rated output		61kW{83PS}(82HP)/2,300min <sup>-1</sup>	
Battery		24V (12V - 100Ah × 2)	
<b>POWER LINE</b>			
Transmission		Hydrostatic transmission	
Differential		Auto lock type	
Final drive		Planetary gear	

<b>VIBRATING SYSTEM</b>			
Transmission		Hydrostatic transmission	
Vibrator		Eccentric shaft type	
<b>BRAKE SYSTEM</b>			
Service brake		Hydrostatic and mechanical type	
Parking brake		Mechanical, internal expanding type	
<b>STEERING SYSTEM</b>		Hydraulic type (Articulated type)	
<b>ROLL &amp; TIRES</b>			
Front : roll		Vibrate & Drive	
Rear : tire		Drive	
No.of tires		2	
<b>Dimintions</b>			
Front roll :width × dia. (mm)		1,700×1,350	1,700×1,400
Front roll :width × dia. (in)		67"×53"	67"×55"
Number of pads		140	140
Pad height		mm(in)	75(3.0")
Tire size		16.9 -24 - 10PR(OR)	
<b>Suspension system</b>			
Front : roll		Rubber damper type	
Rear : tire		Rigid	
<b>FULUID CAPACITY</b>			
Fuel tank		L(gal)	180(48)
Hydraulic oil tank		L(gal)	50(13)

Specifications are subject to change without notice.

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