



SV-14/150

SEISMIC VIBRATOR



14-TON OUTPUT ACTUATOR
URAL-4320 (6 X 6) CHASSIS MEETS ROAD STANDARDS
AIR CONDITIONED CABIN OR COMPLETE WINTERIZATION
TO MEET VARIOUS CLIMATE REQUIREMENTS

Peak Force, kN / lbf	140.1 / 31,500	Vibrator Pump	DENISON P 7P
Mass Weight, kg	1,735	Pump Drive, hp	240 @ 2,100 rpm
Frequency Range, Hz	5...250	Chassis	URAL (6 x 6)
Mass Balance Method	One Air Bag	Length, mm	7,750
Baseplate Area, sq.m	1.6	Width, mm	2,500
Baseplate Weight, kg	1,165	Height, mm	3,520
Baseplate-to-Ground Clearance, mm	380	GVW, kg	16,330
Hold-Down Weight, kN / lbf	148.4 / 33,350	Max. Speed, km/hr	55
Usable Stroke, mm	90	Operating Temperature, deg. C	-40...+50
Control Electronics	VIKONT / SvipMaster, GEOSVIP, Russia		

SV-14/150 Vibrator

VEHICLE SPECIFICATIONS

Chassis

URAL-4320 or URAL-55575, 6 x 6
All-welded high-strength low-temperature steel frame with shaker well

Transmission

8-cylinder V-type engine, 240 hp
Mechanical 3-way 5-speed synchromesh gearbox
Three driving axles

Suspension

Front: two longitudinal semi-elliptic springs and telescopic hydraulic shock absorbers
Rear: walking beam with torque rods

Steering

Servo-assisted, double acting

Tires

14.00-20 pneumatic variable-pressure type

Brakes

Service and parking
Air-operated, two-circuit drum type

Cab

All-welded high-roof metal structure
Two seats
Adjustable seat (driver)
Effective cab heater and window defroster
Effective outside lights and inside lighting
Convenient dashboard with controls and gauges for vibrator and carrier
Noise and heat insulation

Winterization

Pre-start warming system to pre-heat engine, fuel and hydraulic tanks, cab, and batteries
Air dryer and water separator in air system
Engine coolant circulation to fuel and hydraulic tanks for fuel and oil pre-heating
Insulated heater hoses
Arctic type canopy (option)

Performance

Fuel tank, litres	300
Fuel distance, km	890
Gradeability, %	60
Fordability, m	1.7
Minimum turning radius, m	10.8
Maximum road speed, km/hr	55



Vibrator Baseplate,
Down Position

SV-14/150 Units in Finland



GEOSVIP: Krasnoselskaya 4, 107140, Moscow, Russia
Ph./Fax: +7 499 264-6787
E-mail: info@geosvip.ru