

Vibrator AHV-IV™

Exploration & Geosurvey



The AHV-IV, coupled with SSC Force 3 GPS Synchronized Source Control Systems, designed for high-productivity acquisition (HPVS), for autonomous acquisition methods and wired and wireless recording operations. Delivers high-quality seismic data to our customers.

This vibrator comes with lowest centre of gravity in the industry.

Technical specifications of the AHV-IV™ vibrator

Category	Specification
Chassis	INPUT/OUTPUT, INC.
Type	Buggy
Drive	4x4, hydraulic
Total weight	25,968 kg (max 29,937 kg)
Load on axles	Front: 13,789 kg Rear: 12,179 kg
Weight on base plate	22,838 kg
Standard tyres	67-34-25
Length overall	1000 cm
Width	290 to 340 cm
Height	312 cm
Axle-base	477 cm
Maximum speed	26 km/h
Power supply	12 / 24 V
Vibrator type	P-wave vibrator; PLS 362
Peak force (theoretical)	275000 N (61,800 lbf)
Damping system	Airbag
Base plate weight	1,823 kg (4,020 lb)
Base plate area	25,000 cm ² (3,876 in ²)
Useable stroke	9.83 cm (3.87 in)
Piston area	132.9 cm ² (20.6 in ²)
Minimum frequency	5 Hz
Mass weight	3,683 kg (8,120 lb)
Ground clearance	46 cm (18 in)

Subject to change

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