**PROVEN AND TRUSTED**

INOVA proudly represents the durable, low-maintenance AHV-IV family of vibrators with the latest advances in source technology implemented in the industry standard Articulated Hydrostatic Vehicle (AHV) design.

A variety of configurations and a comprehensive selection of customizable options are avaiable on our AHV-IV product line to accommodate variations in terrain, environment, or imaging requirements.  
  
INOVA offers two options to meet imaging and operational requirements in the form of different actuators - the PLS-364 Commander and the PLS-380 Renegade. These are available with customizable features, such as a winter-package for arctic environments and standard or heavy-duty tracks for loose impediment and icy conditions

**Geophysical Benefits:**

Ensuring P-wave propagation and high-force energy penetration in a variety of terrains is our first priority when implementing new vib technology or design changes to our AHV-IV Commander and Renegade vibrators.

If your imaging goal is waveform inversion model building (Baeten, 2013) or structural analysis that requires wavelet sharpness (Denis, 2013), the AHV-IV is the best broadband vibrator for the survey.

Highlights

Widest bandwidth for large class vibrators: <1 to 250 Hz

Highest peak force-energy penetration

Lowest full-drive frequency (5.18 Hz)

Excellent source signature consistency across full bandwidth in any terrain

Baseplate is 2.5x stiffer than conventional baseplates

**Operational Benefits:**

Anyone who’s spent time maintaining a vib fleet knows how mechanical failures and downtime can delay a seismic acquisition program - delays that are costly to both the geophysical contractor and the E&P operator. The ability to easily diagnose and fix problems in the field is essential, but more importantly, reliability and uptime are the primary reasons why the AHV-IV class of vibrators is still #1 in the industry.

With more than 1800 in operation around the world and a rich history that dates back to 1970 with the introduction of the very first AHV vibrator (under Litton Resources Services aka LRS), the AHV-IV product line is still known for its dependability and durability today.

Highlights

Rugged engine, durable frame, and serviceable design enables longer life and lowest cost of ownership

A patented Pre-Loaded Stilt Structure (PLS) design to create a stronger, more reliable actuator that dramatically prolongs the life of parts

Several available options to support a variety of operational needs