

THE NEXT GENERATION OF LOW IMPACT SEISMIC SOURCE SYSTEMS



 **EnviroVibe 2™**

The EnviroVibe 2 is the newest and largest vibrator in the 'minivib' product family group. It is a low impact vibrator system designed for Oil and Gas seismic reflection surveys. The system is optimized for operation in environmentally sensitive or populated areas. The EnviroVibe 2 is a 26,000 pound broadband source which performs well at both low frequencies and high frequencies. This advanced system features both low source generated ground pressure and low vehicle generated ground pressure. The wagon wheel articulated steering design and the low center of gravity delivers good overall performance. The EnviroVibe 2 fits in a shipping container, allowing cost-effective and secure international shipment.



FEATURING SHAP™ TECHNOLOGY

Symmetrical Hydraulic Acoustic Projector, or **SHAP**, Technology provides superior performance and adaptability to geophysical requirements:

Design shaped for performance

- Earth coupling acoustically appropriate
- Dynamically stable driver
- High fidelity conversion of hydraulic energy to acoustic energy



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EnviroVibe 2™

CATEGORY

Height:
Width:
Length:
Total Weight
Front Axle Weight
Rear Axle Weight
Traction System pressure
Transmission
Cab:
Turning Radius
Diesel Engine – John Deere
Axles
Brakes

ENGLISH

99 Inches
84 Inches
275 Inches
27,000 Pounds
11,900 Pounds
15,100 Pounds
3,750 PSI
Hydrostatic
2 Man Vista Cab
214 Inches
173 HP @ 2400 RPM
Outboard Planetary
Enclosed Wet Disc

METRIC

2,51 m.
2,13 m.
7 m.
12.247 kg.
5.398 kg.
6.849 kg.
259 Bar
Hydrostatic
2 Man Vista Cab
5,44 m
129 kW @ 2400RPM
Outboard Planetary
Enclosed Wet Disc

'minivib' 26 Seismic Vibrator

CATEGORY

Max Theoretical Peak Force
Mass Piston Area
Reaction Mass Weight
Reaction Mass Stroke
Servovalve
Servovalve Pilot Filter
Baseplate Area
Baseplate Assembly Weight (with pad):
Lift System Stroke
Lift Cylinder Diameter
Lift Synchronization
Vibrator Pump Flow
Holddown Weight
Frequency limit*

ENGLISH

26,000 Pounds
8.69 Inches²
3,250 Pounds
3 Inches
60 to 200 GPM
3 Micron
2,827 Inches²
1,500 Pounds
38 Inches
4 Inches
Mechanical Crossbeam
82 GPM @ 2500 RPM
26,000 Pounds Max
1 Hz - 250 Hz

METRIC

115.654 N.
56 cm²
1.474 kg.
7.62 cm.
227 to 757 l/m.
3 Micron
18.239 cm²
680 kg.
96,5 cm.
10,16 cm.
Mechanical Crossbeam
310 l/m @ 2500 RPM
11.793 kg. Max
1 Hz - 250 Hz

* 7.2 Hz displacement limit. Subject to pump flow, ground conditions and other field restrictions.

Options

OPTION

Front Winch
Noise Reduction Panels
Cold Weather Options
Optional Lighting
Cab Protective Structure

DESCRIPTION

Hydraulically powered 15,000 lbs winch
Reduces the ambient noise of the EnviroVibe 2
Various heaters, covers, and other equipment for cold temperatures
Various vehicle lighting configurations for different local requirements
A cab structure designed to protect the cab in rugged conditions



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