V15 Vibrator

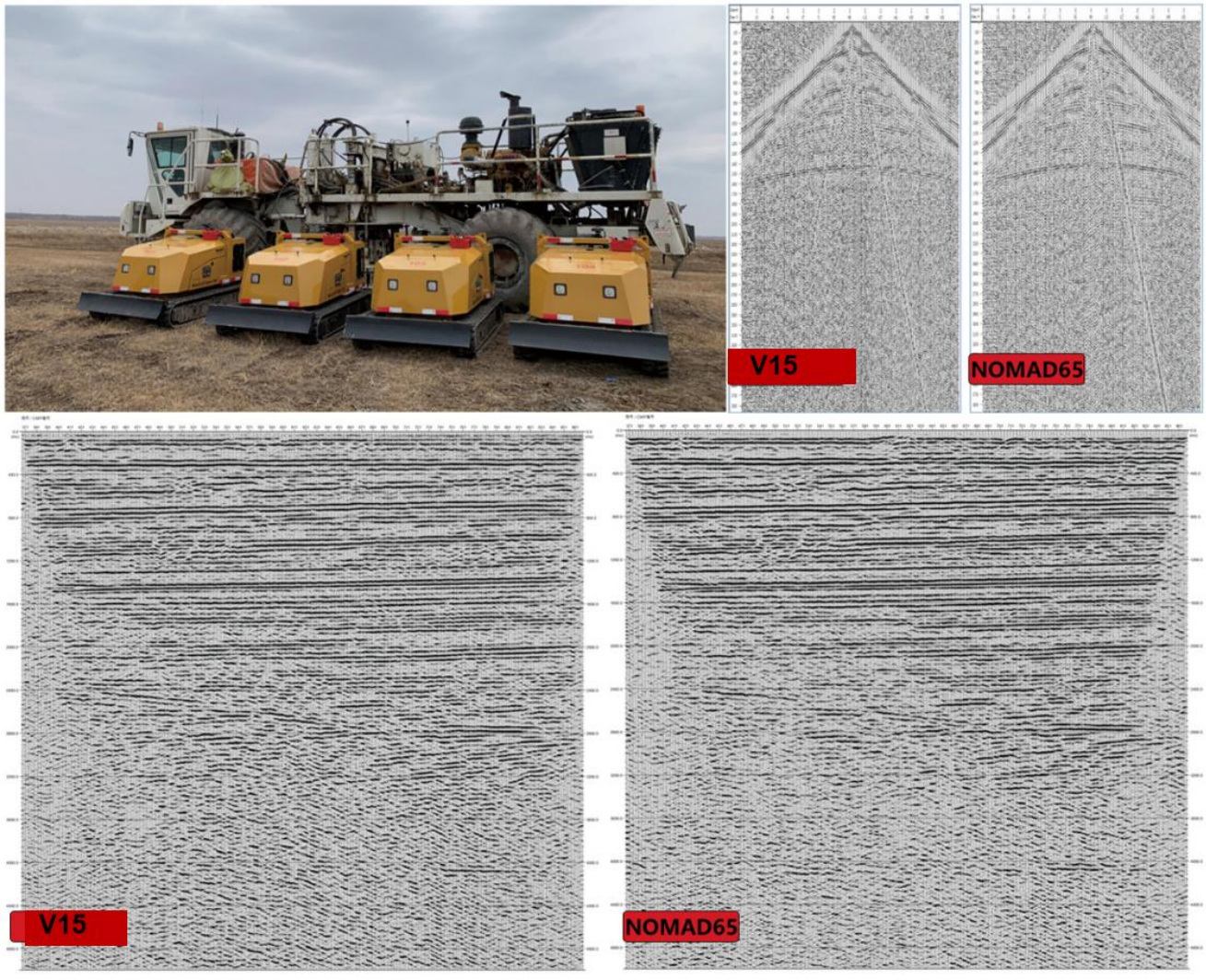
Main Features

Vibrating System

- Peak force: 15 kN
- Frequency range: 3 to 250 Hz
- Drive System: Hydraulic
- Travel System: Track
- Wave modes: P-wave
- Synchronization: Line/GPS/GT and ST mode
- Control method: Remote controller/Joystick
- Encoder/Decoder: as required

Drive System

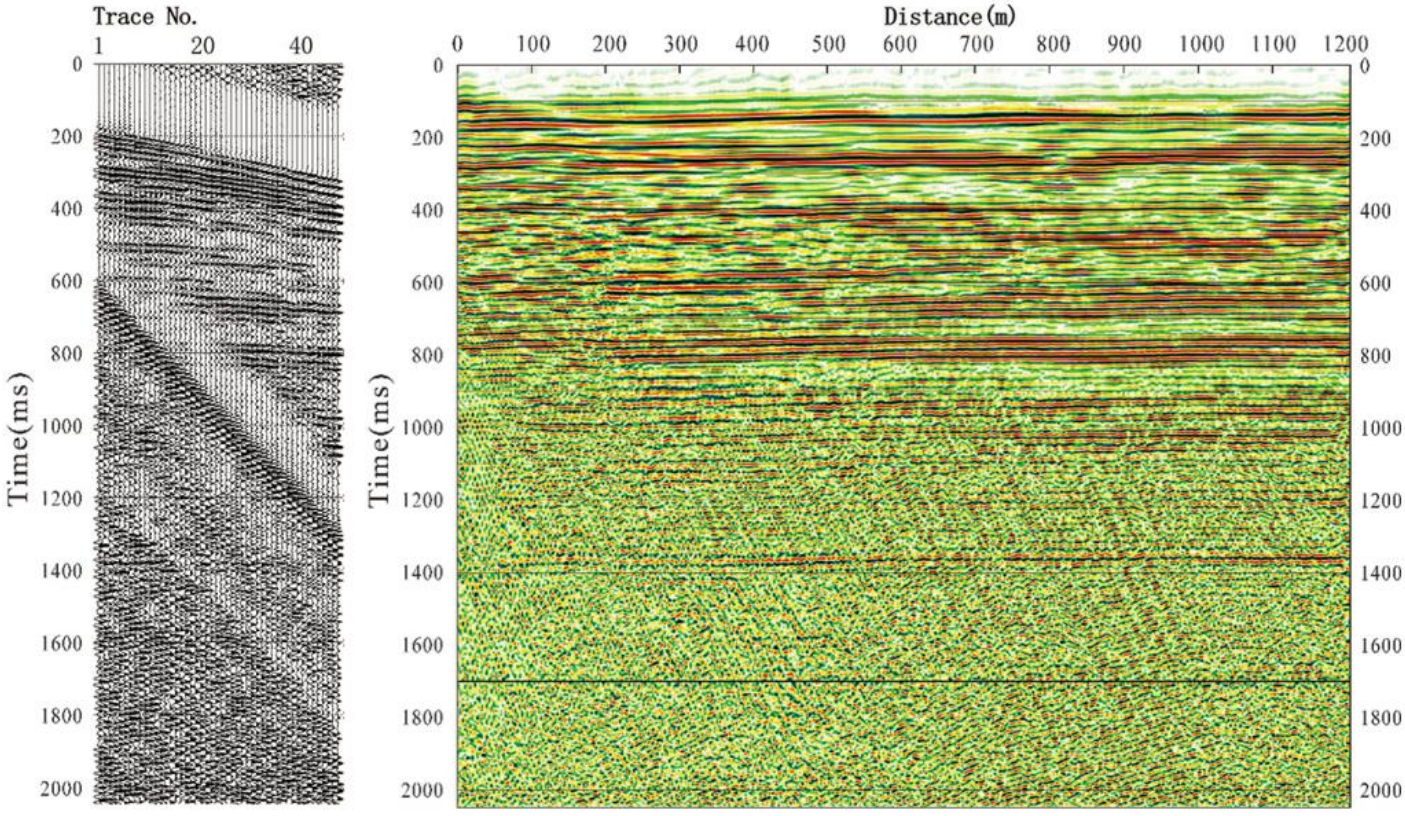
- Travel speed 5.0 km/h
- Maximum gradeability 20°
- Hydraulic oil capacity 34 L
- Fuel tank capacity 35 L
- Vibrator weight 1800 kg
- Dimensions 2200*1400*1350 mm



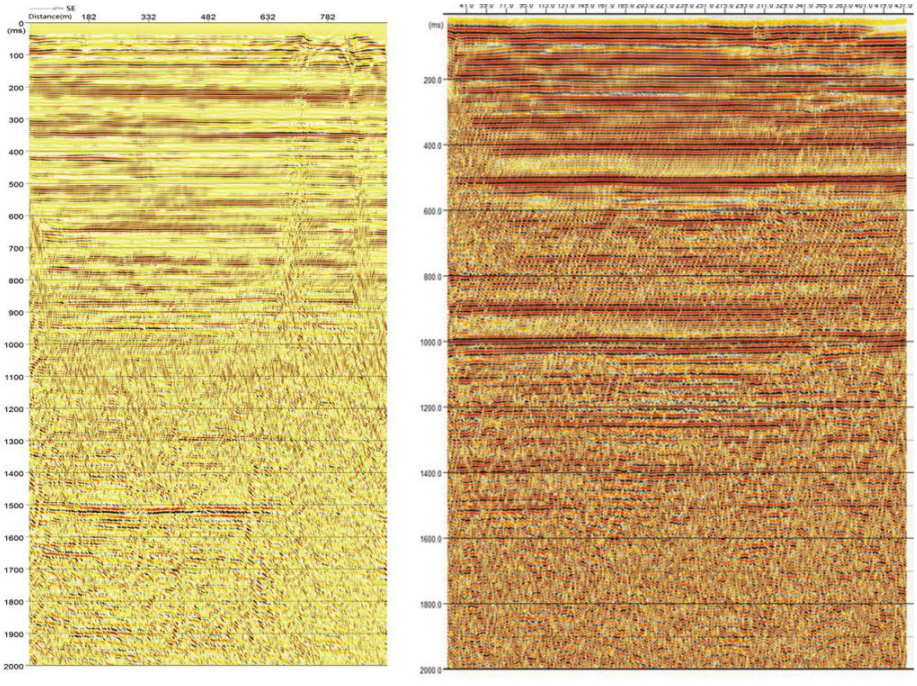
Comparative Test – V15 (4 units) vs NOMAD65 (1 unit)

Applications

One V15 Seismic Vibrator Single shot Record and Time Section



Trace Spacing: 5 m Offset: 220 m Fold : 24 Sample Interval: 1 ms
Record Length: 2048 ms Sweep Frequency: 5-100 Hz Sweep Time: 20 s
Output Power: 60 % Acquisition Instrument: SE863 Seismic Vibrator: V15 (1 unit)



Seismic time section acquired by one V15 seismic vibrator in Yancheng city, Jiangsu Province (Left: 1.9 km depth; Right: 1.5 km depth)