

Vibrator UniVib™

Exploration & Geosurvey



The UniVib™ Vibrator is a small vehicle which enables to operate in heavily urbanized areas or environmentally restricted areas. Due to it's small dimensions it is perfectly suited for small streets and can be applied without major field damages.

Technical specifications of the UniVib™ vibrator

Category	Specification
Chassis	INOVA
Type	Buggy
Drive	4x4, hydraulic
Total weight	min 8,709 kg max 12,474 kg
Load on axles	Front: min 4,717 kg max 6,940 kg Rear: min 4,082 kg max 4,717 kg
Hold-down Weight:	min 8,165 kg max 11,793 kg
Standard tyres	48 x 31 - 20
Length overall	632 cm
Width	213 to 268 cm
Height	288 cm
Wheel-base:	254 cm
Maximum speed	29 km/h
Power supply	12 V
Vibrator type	P-wave vibrator; PLS 326
Peak force (theoretical)	max 115000 N (26,000 lbf)
Damping system	Airbag
Base plate area:	10,200 cm ² (1,580 in ²)
Useable stroke:	10.1 cm (4.0 in)
Piston area:	55.7 cm ² (8.64 in ²)
Minimum frequency:	7 Hz
Mass weight	1,184 kg (2,610 lb)
Baseplate clearance:	43 cm (17 in)

Subject to change

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