



Irminio SRL

Rilievo geofisico 3D

Permesso di ricerca "Santa Croce"

Integrazioni allo Studio di Impatto Ambientale

Procedura di V.I.A.

ALLEGATO N. 1

Vibroseis Equipment Specifications

GEOTEC SPA



VIBROSEIS EQUIPMENT SPECIFICATIONS

FLEET n° 1: Prakla Geomechanik



VIBRATOR UNIT VVCA/E

FLEET n. 1 VIBRATORS (CE Marked)	6 units
Manufacturer	Prakla Geomechanik
Model	VVCA/E
Peak Force	125 000 N
Piston Area	59.55 cm ²
Mass Weight	4300 lbs
Driven Weight	135000 N
Usable Stroke	±35 mm
Frequency Limit	6 to 160Hz*
Length	7350 mm

Width (variable depending on tyres)	Up to 2650 mm
Height	3250 mm
Wheelbase	4100 mm
Turning Radius	6.75m
Speed (variable depending on tyre size)	Up to 40 Km /h
Slope Capacity	60%
Weights	16 000 Kg
Hold -Down	28000 lbs
Base Plate	3500 lbs
Shape	4x4 Crab Tractor
Area	All terrain

*Note: The frequency values are realistic values. A frequency of 250 Hz may be feasible by changing the Servo Valves.

FLEET n° 2 Prakla Geomechanik with Silent pack



VIBRATOR UNIT VVCA/E WITH SILENT PACK

FLEET n. 2 VIBRATORS (CE Marked)	6 units
Manufacturer	Prakla Geomechanik
Model	VVCA/E with SILENT PACK
Peak Force	125 000 N
Piston Area	59.55 cm ²
Mass Weight	4300 lbs
Driven Weight	135000 n
Usable Stroke	±35 mm
Frequency Limit	6 to 160 Hz*
Length	7350 mm
Width (variable depending on tyres)	Up to 2650 mm
Height	3250 mm
Wheelbase	4100 mm
Turning Radius	6.75m
Speed (depending on tyre size)	Up to 40 Km /h
Slope Capacity	60%

Weights	17 000 Kg
Hold -Down	28000 lbs
Base Plate	3500 lbs
Shape	4x4 Crab Tractor
Area	All terrain

*Note: The frequency values are realistic values. A frequency of 250 Hz may nbe feasible by changing the Servo Vales.

Vibrator Electronics

PELTON ADV II, Ver.5F
PELTON FORCE TWO VIB CONTROL
SERCEL VE 432
DGPS Magellan SAGITTA 3011