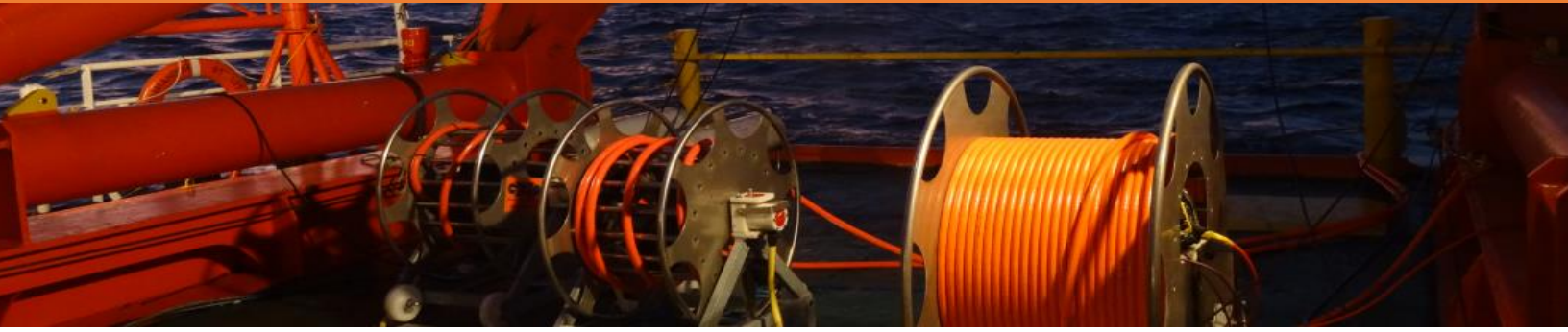


# Geo Systems – Equipment Rental



**Geo Systems Co. Ltd.**, is based in Thailand, supplies a broad range of geophysical equipment for Ultra-High Resolution Marine Seismic from leading manufacturer such as Geo Sense Technology and Geo Marine Survey Systems B.V. We are continually adding current and new technologies to complement our existing rental pool in order to always offer our client the state-of-the-art equipment.

Along with the equipment, we can provide in-house highly qualified technicians and geophysical engineers to install and operate the systems we are renting. Geo Systems also provides project management to support you on your most challenging surveys. Training courses can be arranged on-site or on our company grounds.

This brochure presents an overview of the equipment Geo Systems have available for hire.

Contact us to get your equipment rental quotation!

## Equipment:

- Marine Seismic Sources
- Multichannel Streamers and Winches
- Advanced 2D-UHRS systems
- Ultra-High-Resolution 3D systems
- Custom Built Survey Containers
- Geotechnical equipment (Vibro-Corer)

## UHR SEISMIC SOURCES

<b>Model</b>	<b>Boomer</b>
<b>Application</b>	Rivers, Dam, Near shore
<b>Operation Depth (m)</b>	0 – 200
<b>Dominant Frequency</b>	2500 Hz
<b>Dimensions</b>	110 x 100 x 60 (cm) 50 kg



<b>Model</b>	<b>Sparker 200</b>
<b>Application</b>	Near Shore – Shallow water
<b>Operation Depth (m)</b>	0 – 200
<b>Dominant Frequency</b>	1500 Hz
<b>Dimensions</b>	110 x 100 x 60 (cm) 45 kg



<b>Model</b>	<b>Sparker 400</b>
<b>Application</b>	Near shore / open seas
<b>Operation Depth (m)</b>	0 – 2,500
<b>Dominant Frequency</b>	1250 Hz
<b>Dimensions</b>	110 x 120 x 60 (cm) 75 kg



<b>Model</b>	<b>Sparker 800</b>
<b>Application</b>	Oceanic Depth – Deep penetration
<b>Operation Depth (m)</b>	2 – 6,000
<b>Dominant Frequency</b>	800 Hz
<b>Dimensions</b>	210 x 140 x 60 (cm) 175 kg

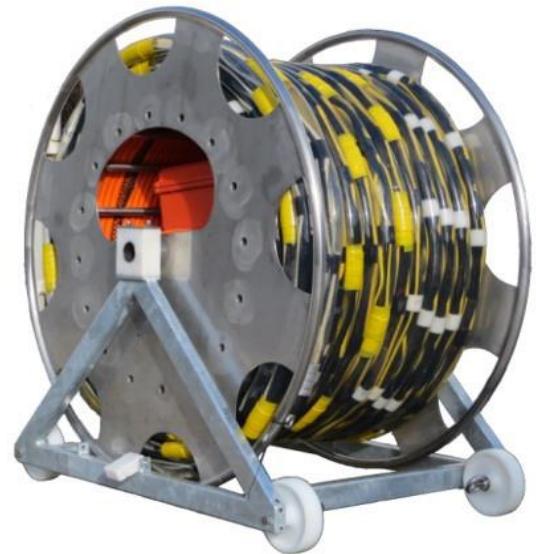


# Geo Systems – Equipment Rental



## MULTICHANNEL STREAMERS

System	Geo Sense – Short Streamer
Manufacturer	Geo Sense Technology Co. Ltd
Number of Channel	12 to 48 channels
Group Interval	1 or 2 meters
Hydrophone/group	1 (one)
Diameter	31 mm (ULW streamer) 42 mm (LW streamer)
Tow Cable	75 meters
Cable Reel	Manual Cable reel (max. 275 kg)



System	Geo Sense – Long Streamer
Manufacturer	Geo Sense Technology Co. Ltd
Number of Channel	24 to 96 channels
Group Interval	1, 2, 3.125 or 6.25 meters
Hydrophone/group	1 (one) to 8 (eight)
Diameter	42 mm (LW streamer) 51 mm (Standard streamer)
Tow Cable	75 meters
Cable Reel	Electrical Winch (max. 700 kg)

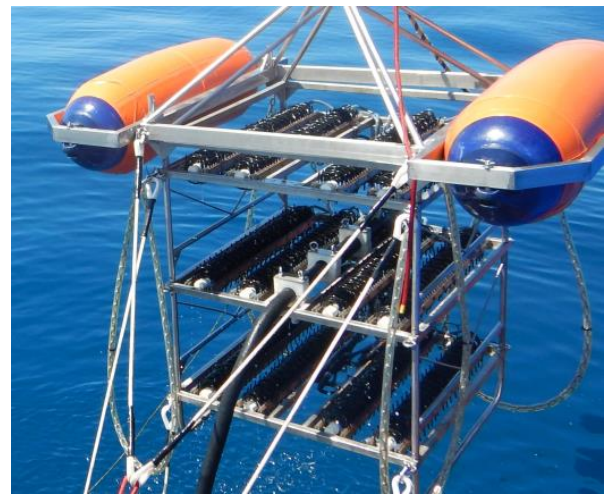


# Geo Systems – Equipment Rental

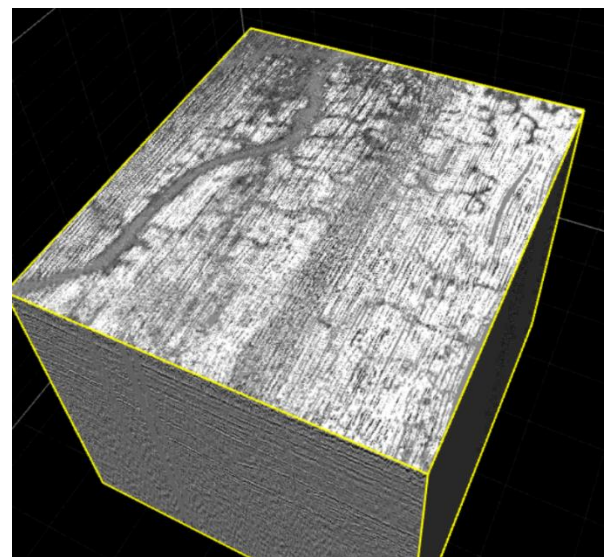


## UHR SEISMIC SYSTEMS

System	Triple 400 Tips Sparker
Manufacturer	Geo Marine Survey Systems B.V.
Power Supplies	Mega-Spark 24 kJ (3 x 7 kJ)
Electrode Number	1,200 (3 x 400)
HV cable length	75 m
Penetration	300 – 1,000 meters
V. Resolution	20 cm at seabed



System	3D UHRS
Manufacturer	Geo Marine Survey Systems B.V.
Power Supplies	Geo Spark 2000 XFO (3 x 2 kJ)
Sparkers	3 x 200 tips
HV cable length	75 m
Streamer #	6
Streamer Specs	24 channels (12 channel @ 1 m and 12 channels @ 24 m)
Penetration	50 – 20 meters
V. Resolution	15 cm at seabed

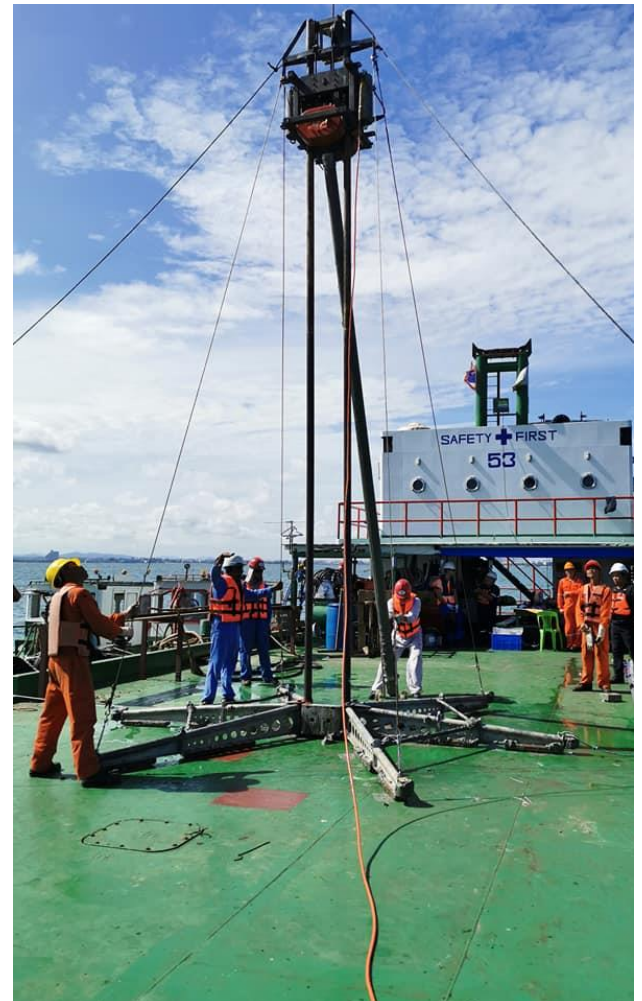


# Geo Systems – Equipment Rental



## VIBRO CORER

<b>Type</b>	<b>Vibro Corer 3, 6 or 9 meters</b>
<b>Manufacturer</b>	Geo Marine Survey Systems BV
<b>Maximum weight</b>	1,400 kg (depending on ballast weights)
<b>Total height</b>	4.5 m (3 m core barrel) 7.4 m (6 m core barrel) 10.4 m (9 m core barrel)
<b>Footprint base</b>	3.2 m diameter (3 m core barrel) 4.7 m diameter (6 & 9 m core barrel)
<b>Core diameter</b>	106 mm
<b>Power Requirement</b>	380/440 V AC, 3 Phases 50/60 Hz Running power 2 to 6A Minimum requirement: 7.5 kVA
<b>Max. operating depth</b>	100 meters
<b>Hoisting Requirement</b>	Minimum 5 T crane or A frame
<b>Transportation</b>	Designed to fit in a standard 20'' container for easy transportation and storage. Container available for rental



*6 m Vibro Corer operation in the Gulf of Thailand*