

Dredging and material excavation

SEANERGY OI realizes underwater excavation works from fine sediment pumping to rock excavation. These operations are fundamentals for marine infrastructures building and maintenance. It is also complementary to our rock blasting activities. All these operations are realized in compliance with local environmental laws in terms of sediment rejection.

Scope of work

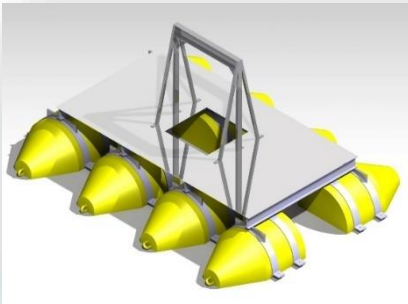
- Port or river dredging
- Replenishment of public beaches
- Pipeline burying
- Rock blasting
- Seabed preparation
- Confined space sand pumping – pond, bathing pool

Material resources

- 200 m³/h motor-pumps hidels and defitec
- Airlifts
- Submersible Toyo pumps
- Range of hydraulic pumps
- Self propelled jack-up barge for installation of heavier equipment



Design of dedicated pumping platforms for sheltered or coastal waters even in isolated areas.



Our dredging equipment can be adapted on our dedicated jack-up barge equipped with a moonpool for pump installation.

A Toyo pump can be lifted by the barge crane for sediment pumping. A long flexible line rejects the sediments away.



SEANERGY INDIAN OCEAN
SURVEYS AND SPECIAL WORKS

ISO 9001
OHSAS 18001
BUREAU VERITAS
Certification



REUNION MADAGASCAR MAURITIUS MOZAMBIQUE

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Projects under development



For rock excavation, we can implement a CAT excavator on a modular barge equipped with spuds. The dimensions of the barge are adapted in function of the project and full stability analysis is realized and approved by Bureau Veritas.

We are developing a remote compact marine hydraulic excavator that can be used in shallow coastal waters and driven by one of our IMCA trained commercial diver. The 5T excavator will be equipped with a hydraulic shovel and drilling heads and will be put into water from our barge crane.

This hydraulic equipment will be able to realize all type of underwater levelling works



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