

SYSTEMS AND PUMPS for RESERVOIR DREDGING



During the years DRAGFLOW has developed a wide experience in the field of **reservoir dredging**.

Our **cable dredges**, which can be equipped with a wide range of **pumps and accessories**, have proven to be particularly effective and fit to this kind of task.

Today DRAGFLOW can be considered more a **solution provider** than a mere manufacturer.

We are able to provide advice during the selection of equipment and during the start-up phase; thanks to a dedicated service department, we can intervene quickly in any situation all around the world.

THE DREDGE

Hydraulic Power Pack

- Separate oil pumps for pump and excavators
- Sound proof canopy
- IVECO, VOLVO or CAT diesel engine
- Closed and open hydraulic circuit
- REXROTH-BOSCH or SAUBER oil pump

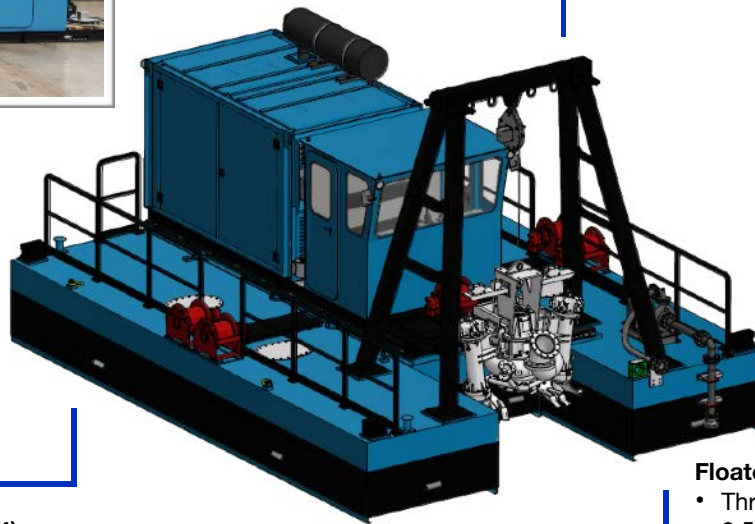
Operator cabin

- Complete control panel
- Heating and air conditioning
- Operator chair
- Safety equipment
- Equipment status
- Emergency stop controls



Hydraulic Hoist

- Carefully moves pump up and down
- Depth measuring pulley
- Possibility to use other hydraulic tools



Winches (x4)

- For moving the dredge
- Steel cables

Floater

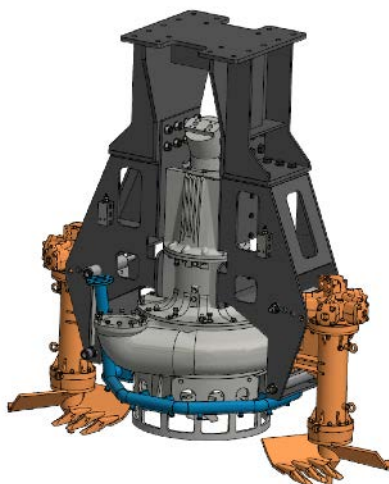
- Three pontoons 8.5x1.8mx1.25m
- Small draught

Our dredges can be equipped with different dredging tools, such as excavators and jet ring. Here you can find the main features of these equipments.

ACCESSORIES

Excavators

- Diameter: 700 mm
- Replaceable teeth
- Radial piston hydraulic engine
- Oil requirement: 35 l/min each
- Weight: 500 kg
- Speed: 30 r.p.m-50 rpm
- Torque: 314 kgm
- Two rotation directions



Jet ring system

- Water capacity: 20 m³/h
- Pressure available: 6-7 bar
- Engine: Horizontal high pressure pump

OUR STRENGTHS



WHAT MAKES OUR SYSTEM DIFFERENT?

- Is really easy to transport and assembly our dredges, therefore they can reach remote areas in a short time.
- Thanks to our technology of **pressure compensation**, our pumps can work at very great depth (up to 200 m).
- Our systems are very versatile: **each of our dredgers can be equipped with different pumps** depending on the working conditions.

One dredge, many purposes, but always with the **DRAGFLOW trademark**: efficiency and toughness!

YOU CAN COUNT ON US

Our equipment is easy to assembly and to use.

However, we know that it is very important to closely follow the start-up phase of any complex project.

- Our service team will help you to **setup the dredging system**.
- We will take care to **train your workforce**.
- Our after-sales service will assist you in case you need technical assistance or spare parts.

We are committed to service - you can count on us in every phase of your project.



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CONTACT US!

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CERTIFICATIONS

