



DISCOVER DRAGFLOW

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DRAGFLOW
 **ULTIMATE EFFICIENCY**

We don't deliver products, but solutions.



Dredging pumps

Integrated systems for dredging with electric and hydraulic pumps of unbeatable resistance and wide versatility.

Remote controlled dredges

Remote-controlled dredges for dredging operations in the presence of corrosive or acidic substances, ensuring maximum operator safety.

Cable dredges

Small-sized dredges and a high dredging depth to work in locations that are difficult to access.

Amphibious dredges

The latest generation of dredges that ensure efficiency in water and on any terrain, even during the most complex operations.

Aquatic harvesters

Aquatic harvesters for watercourse maintenance interventions without the need for chemical products.



You have big projects. We have the right equipment.

We started in the 1980s as a manufacturer of heavy duty submersible pumps. **Today we are globally known** for our commitment to technological innovation.

Many successful projects and **customer satisfaction** have encouraged us to continue with the research and further development of our products.

Our goal? **Provide customised solutions** to deal with even the most complex challenges.

Service

Test & Trial. Our pumps, dredges, or integrated systems are thoroughly tested and checked before delivery. Thus, you avoid unpleasant surprises and save precious time.

Quick delivery. Let us know what your deadlines are, we'll strive to respect them. We'll set up the more convenient transport and arrange all the bureaucratic procedures. Try us when you're in a hurry and you're afraid that delivery times can skid the start of a project!

Commissioning & Start-up. One of the advantages of our products is the speed of start-up. Pumps, dredges, and systems can immediately start operating.

Training. Our team provides a detailed training to the final customer, so that they can make the best use of the equipment purchased.

Technical assistance & Spare Parts delivery. Our after-sales team works in the field every day to ensure the correct functioning of our products. Our customers know that they can rely on us for equipment maintenance and quick delivery of spare parts.



DREDGING PUMPS: State of the art design and quality

Electric version

The pumps in this line are supplied with an oversized motor capable of lifting mixtures up to 1.7 kg/m^3 . Their structure is designed to work in complex environmental conditions, performing efficiently where any other pump could fail.

- Power: from 3.7 kW (5 hp) to 240 kW (322 hp)
- Flow rate: up to $3500 \text{ m}^3/\text{h}$
- Discharge diameter: up to 450 mm (18 inches)



Hydraulic version

Designed to transport any type of mixture, the high head line does an excellent job on heavy water and abrasive solids mixtures at a much higher pressure than any other submersible agitator pump on the market.

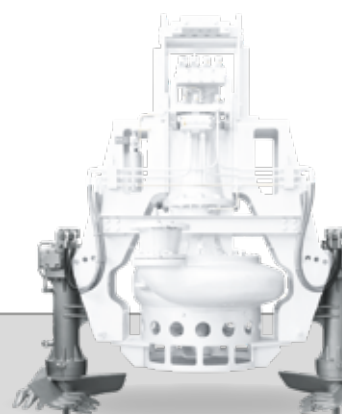
- Power: from 13 kW (17 hp) to 475 kW (630 hp)
- Flow rate: up to $4500 \text{ m}^3/\text{h}$
- Discharge diameter: up to 450 mm (18 inches)



ACCESSORIES



JET RING



SIDE EXCAVATORS



DTM CUTTER HEAD



HYDRAULIC POWER PACKS

The hydraulic power packs are specifically designed for use of the Dragflow pumps. The power packs are based on diesel engines or electric motors, compliant with the latest emission requirements, or electric motors built with cutting-edge components. The hydraulic system is closed circuit, consequently the maximum flow rate can be controlled without changing the speed of the diesel engine/electric motor.





DRP: The efficient and safe Remote-controlled Dredge

Our remote controlled dredges (DRP) are the ideal solution for dredging in particularly complex or hard to reach environments. Extremely versatile, they can be used in many applications: from ports to quarries, from mines to industrial basins.

Thanks to the remote control, they can safeguard the operators' safety in case they work in the presence of acidic or corrosive substances, as often happens in the industrial or mining sector.

They can be transported and assembled more easily than larger dredges, with savings both in terms of time and start-up costs.

In addition, the low draft and compact design allow access even in narrow and shallow basins, where it would not be possible to operate with larger dredges.

Small but powerful, our DRPs are available in different versions: they can mount pumps of different power and be equipped with the most suitable accessories for the type of dredging required. Maximum production reaches 1000 cubic metres/hour.



Main features

- **Small dimensions:** easy to transport and put into operation, they are able to operate also in areas that would be difficult to access with larger dredges. Thanks to the reduced draft, they can easily work in shallow water.
- **High level of customisation:** DRPs can be equipped with GPS, video cameras security, jet ring system, position lights, and other accessories based on customer needs.
- **Easy to manoeuvre at a distance thanks to the remote control:** simple and intuitive controls allows to operate the dredge, the pump, and the accessories.
- Ability to **automate pump and dredge movements**, as well as monitor job history through one special control panel.
- **Advanced detection tools for measuring and maintaining performance:** turbidimeter, densimeter, control of the inclination of the pump, constant verification of the line voltage.
- **Remote assistance** to remotely carry out maintenance operations or change the settings of work.





DRH: Easy to handle and versatile Cable Dredges

Our cable dredges (DRH) are successfully used in all those applications where it is necessary to have manageable tools, able to work even at great depths.

The small size and modular design allow these dredges to be transported even in remote and difficult to reach locations. Assembly and installation are simple and only take a few hours. These features help reduce project start-up times and costs.

Our DRH dredges are simple to use: thanks to intuitive controls, they can be managed by a single operator on board.

Available in different versions (with the possibility of diesel or electrical power supply), they can be equipped with a wide range of pumps and accessories to perform even in the most difficult situations. The most performing model can provide a flow rate of up to 4000 m³/h.

The limited draft and the possibility of rapidly obtaining naval certifications are additional points of strength, because they allow DRH to operate in very different contexts, from artificial ponds to ports, from dams to mining basins.



ZERO-EMISSION DREDGER:



WHEN ELECTRICITY IS
SUPPLIED FROM A LOCAL
RENEWABLE SOURCE

Main features

- **Ease** to use.
- **High productivity.**
- Possibility of **working at high depth** with a small hull.
- **Maximum flexibility:** each dredge can be equipped with different pump models and numerous accessories.
- **Limited draft.**
- **Fast delivery times.**
- **Speed and cost-effectiveness of transport** thanks to the modular design.
- Extremely **fast assembly** and start-up **times**.





DRM:

Crawler multipurpose dredge

Our DRM series of dredges consists of multipurpose dredges that can work both in water and on land.

Designed to tackle projects where site conditions vary from areas with very shallow waters to deeper areas, and in projects where extreme mobility is important. The DRM design offers the mobility of an amphibious excavator along with the stability of a dredge, without using side pontoons.

Main features

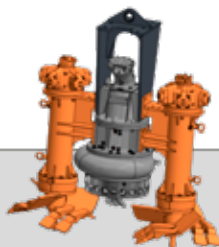
- **Total mobility** on land and water.
- **Managed by a single operator.**
- **Dredging depth up to 6.5 m.**
- **Flow rate up to 1000 m³/h.**
- Possibility to use **different hydraulic tools.**
- **Available with bucket up to 1 m³.**
- Transportable in **five 40-foot containers.**



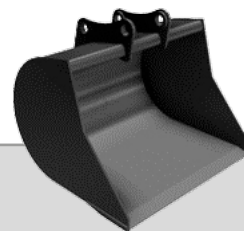
ACCESSORIES



**DTM
CUTTER HEAD**



**SIDE
EXCAVATORS**



**DIGGING BUCKET
(1000 LT)**



**DIGGING BUCKET
(600 LT)**



RAKE

DRSP: Multipurpose dredge

Our DRSP (Multipurpose Dredge) represents a step forward in the approach to dredging technique. The extreme mobility in any type of swamp, together with the total buoyancy, allows the user to reach the most remote locations, otherwise impossible to reach with any other equipment.

The pumping capacity of up to 1000 m³/h with discharge distance of up to 1500 metres allows the user to perform highly productive operations. The combination of such equipment with the Dragflow dredging technology makes the DRSP a very efficient and reliable dredging system.

Main features

- Great **stability and buoyancy** in different aquatic environments.
- **Independent propulsion** system in water.
- **Dredging up to 6.7 metres deep.**
- Interchangeable **hydraulic tools**.



**BUCKET
(WITH TEETH)**



**CLMASHELL
BUCKET**



**VIBRODRIVER
FOR SHEET PILES**



**WOOD GRAPPLE
WITH BELL**



**DEMOLITION
BREAKER**



VIBRO-HAMMER



AQUATIC WEED HARVESTER

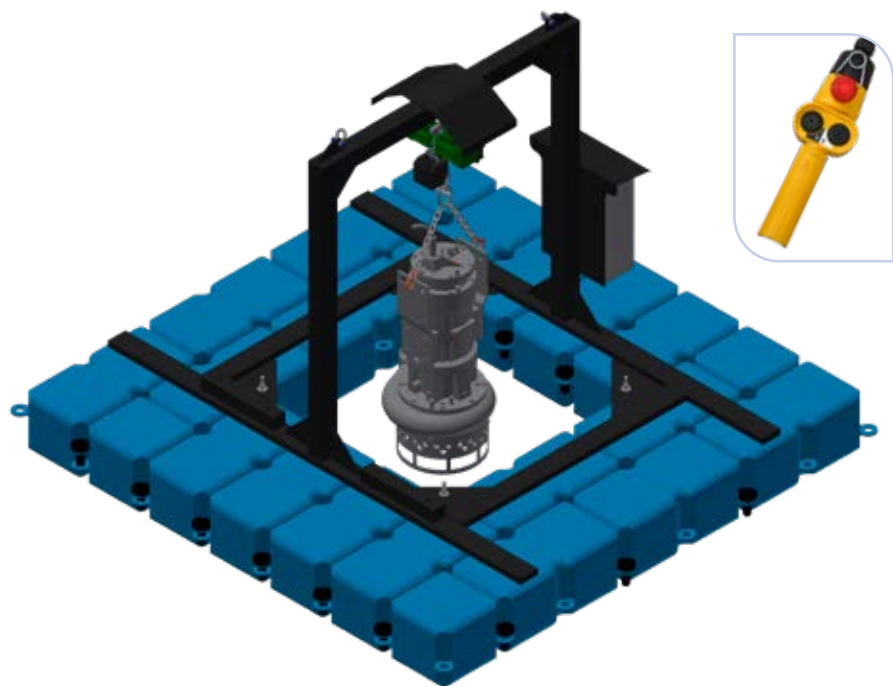
Aquatic harvesters are key waterway maintenance machines designed specifically to keep watercourse clean and navigable.

Dragflow, a world leader in dredging equipment and pumping solutions, is offering the new Aquatic Harvesters machines created in partnership with Henning Marine.

These are the latest generation of aquatic maintenance equipment, built with the best technologies available on the market to tackle even the most complex and demanding challenges.

The Aquatic Harvesters are ideal for fighting water pollution, thanks to the ability to carry out waterway maintenance work without the use of chemicals.





Mini Dredges DRF Series

The mini Dragflow dredges of the DRF series are versatile and cost effective. They are a dedicated solution to meet the needs of those who need dredges easy to transport and assemble, with small pontoons, so they can move even in tight spaces and have a low operating cost. They are small but effective dredges, with several models to choose from to suit any dredging needs.

The DRF mini dredges can be equipped with pumps up to the Dragflow EL1204 model, with a wide range of customisations and a structure that can be fully disassembled. They have a reduced draft to operate even in shallow water, with high performance despite their small size.









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