



# ACCESSORIES

**DRAGFLOW**  
ULTIMATE EFFICIENCY

# DREDGING PUMPS. State of the art design and quality

## **ELECTRIC MOTOR DESIGNED FOR HEAVY-DUTY APPLICATIONS (1)**

Class H operates with mixtures with specific weight up to 1.7 kg/dm<sup>3</sup>. All pumps are available in 50 Hz and 60 Hz.

## **HIGH QUALITY METALLURGY (2)**

Parts subject to wear are produced using HIGH CHROME ensuring longer life.

## **SENSORS**

### **FOR EXTRA PROTECTION**

Temperature and humidity sensors are available to handle complex applications.

## **HIGH CHROME WEAR PLATE (3)**

Adjustable and positioned on the suction side.

## **FRONT DEFLECTOR (4)**

## **SERVICE BOLTS (5)**

- flushing of seals
- oil inspection
- double grease point

## **THRUST BEARINGS**

Reduce vibrations and support movement.

## **SOLID TRANSPORTING UP TO 120 MM**

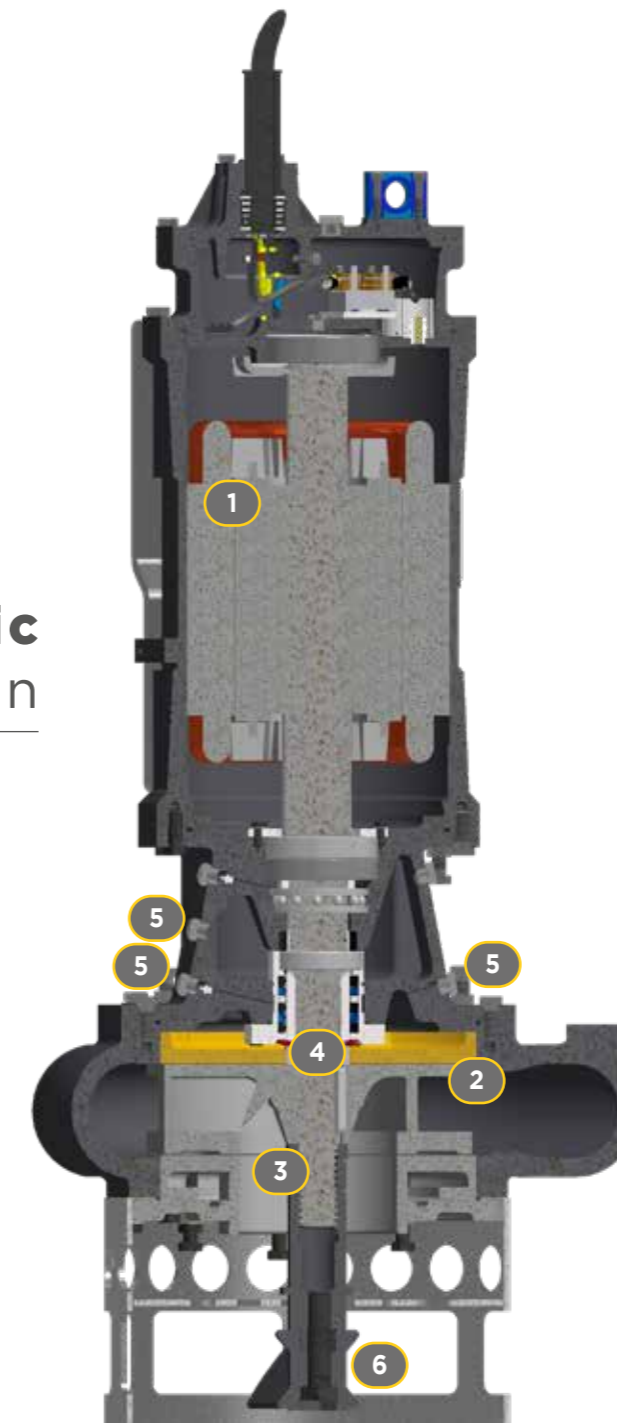
Handling from 20 mm up to 120 mm in the largest pumps.



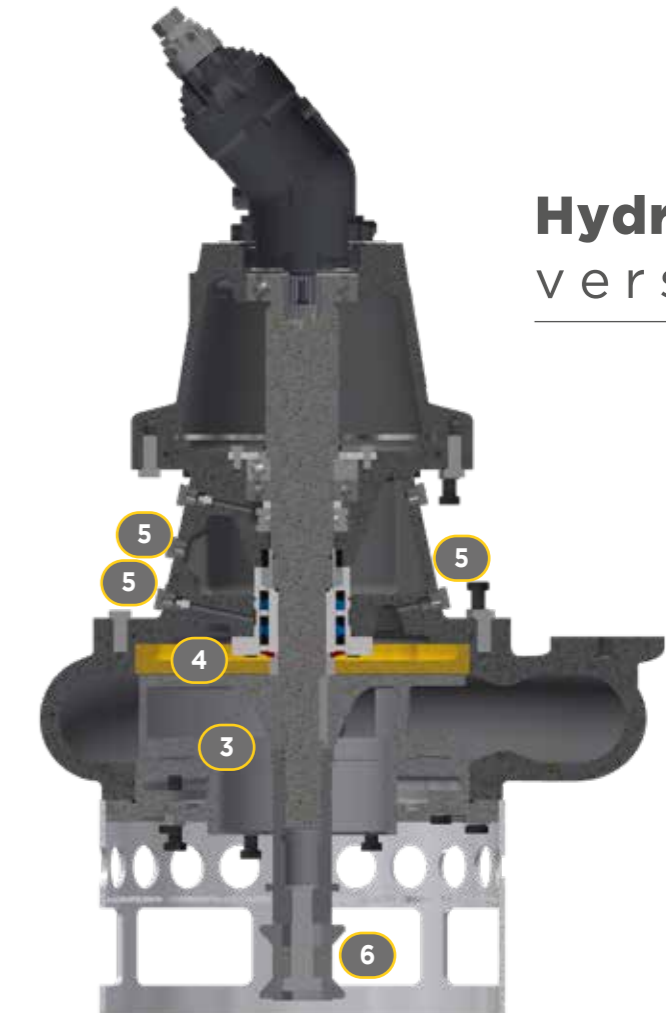
## **AGITATOR (6)**

- high efficiency agitator for lifting sedimented solid material
- able to pump up to 70% per weight density
- high abrasion resistance
- low rotation speed to reduce wear
- reversible for longer life

## **Electric version**



## **Hydraulic version**



## JET-RING

Ring with high-pressure water jets, which can be used for work on compact, extremely dry or clayey materials. Combined with electric or hydraulic pumps, works in combination or as an alternative to excavators.

### It is equipped with:

- ring frame mounted on the pump filter
- high-pressure centrifugal pump (available in electric or hydraulic version)
- suction pipe with filter and non-return valve
- delivery line



Water jet

## ACCESSORIES



### CUTTER KNIFE

When the sludge is covered by a layer of vegetation, the Dragflow algae cutting knife, together with a modified filter, will help the pump to carry out the job without clogging.

### AUTOMATIC GREASING SYSTEM

Pumps installed in a semi-fixed position, or in a "non-easily accessible" installation, can be equipped with an automatic greasing system, regularly supplying fresh grease to the seals. This operation not only increases the overall duration of the sealing system, but it also allows operators to drastically reduce pump maintenance and checks.



### ANTI-ACID

The Dragflow pump can be made completely from SUPER DUPLEX stainless steel (CD3MN) in the event of high or low PH. This choice makes the Dragflow pumps suitable for environments with a pH from 2 to 10.

### HIGH DEPTH SYSTEM

Dragflow hydraulic compensators are directly connected to the oil chamber. As the pump descends, the external pressure increases and the compensators supply oil to the oil chamber balancing the internal pressure to the external water pressure. The pump can reach over 300 m with this system, without losing performance while protecting the pump from water ingress into the oil chamber.





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