

Propeller Pumps



High flow
efficiency



Robust
construction



Minimal
maintenance

Propeller Pumps

Technical Features

- **Our pumps have been specifically developed for RAS and the reuse of water in aquaculture farms.**

They produce large flows at low elevation.

Their HDPE combined stand and impulsion pipe is unique.

■ Materials

Pump body is made from AISI 316L resisting to seawater up to 40 ppt and 30°C.

Propeller machined in synthetic resin.

- **External position of the motor reduces maintenance.**
- **Water cannot spill over the upper parts of the pump (bearings box and motor).**
- **Non-return valve configuration available at the pump mouth.**
- **An HDPE stand supports the pump body and channelizes the water flow.**
- **Designed for very low submergence of the propeller-minimum water level from the supporting slab: 0.5-0.7m according to models.**
- **A light three legs stainless steel structure links the motor supporting plate and the propeller cage.**



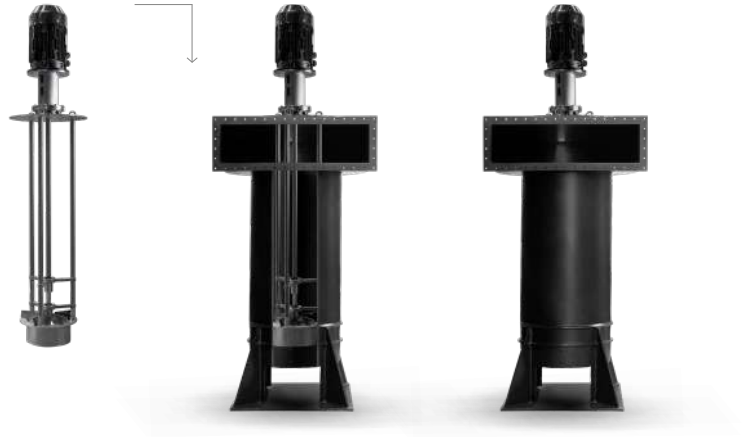
MAIN MODELS

V4-P-100	designed for 100 l/sec at an elevation of 1.2 m - 3 kW
V4-P-200	designed for 200 l/sec at an elevation of 1.2 m - 5.5 kW
V4-P-250	designed for 250 l/sec at an elevation of 1.2 m - 7.5 kW

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Applications

- **Developed on purpose for fish, oyster or shrimp RAS.**
- **Applied in water treatment units into aquaculture facilities when stable continuous flow at constant elevation is required.**



Advantages

- ✓ **Its robust construction** allows for minimized maintenance and continuous operation.
- ✓ **Easy integration into civil works at farms** using the combined stand-impulsion pipe.
- ✓ **Hydraulic head losses are minimized** by design and reduce the energy consumption.
- ✓ **High machining quality** makes the pump very silent and allows for maintenance free sealed bearings.
- ✓ During maintenance operations the stand remains in place and only the inner AISI 316 structure of the pump moves out.
- ✓ The discharge mouth can be connected into a channel wall or be extended by a rectangular trough for discharging at a distance.
- ✓ **The HDPE stand is indestructible though 100% recyclable.** It can resist to any seawater condition.
- ✓ Low rotation speed motors allow for **longer life span.**



PORTFOLIO

Centralized Feeding Systems

1

HATCHERY

Tailored feeding for optimal early-stage development.



2

PREGROW

Maximize efficiency in the intermediate growth stage.



3

ONGROWING

Ensure efficient grow-out with automated feeding.



Specialized Equipment

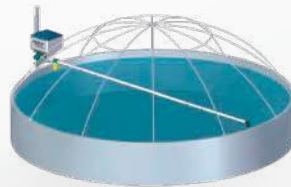
LABS



CAGE FEEDERS



SCREW FEEDERS



LOADERS

