

AQUACULTURE



Gentle handling of large fish Smarter systems for smarter aquaculture

We design advanced fish handling systems for land-based and marine aquaculture, optimized for today's needs: larger fish, stricter welfare requirements, and higher demands for operational control.

Our systems are particularly suited for handling large smolt and harvest-size fish – where gentle, predictable movement is key to maintaining welfare, quality, and survival.

Constant, laminar flow – No pressure surges

Unlike conventional vacuum systems, our technology provides an absolutely steady inlet flow. This eliminates pressure kickbacks and turbulence, ensuring a smooth transfer with significantly reduced stress and physical impact – even for fish up to 15 kg.

Less crowding – Less stress

Because our system delivers a continuous and predictable flow, fish do not need to be crowded tightly before transfer. This reduces stress, lowers aggression, and helps preserve water quality and welfare during the entire process.

Placement Matters – Minimize or eliminate vacuum

We position the pump as low and as close to the destination point as possible. This minimizes the vacuum load on the fish, shortens transfer distance after pumping, and allows for higher water velocities where needed – all while protecting fish health.

Our Sub Water Level pumps are capable of being installed below water level, minimizing or even eliminating the vacuum load to the fish – leading to an even higher fish welfare.

Adapted to fish size and facility needs

Whether you're moving large smolt or broodstock, our systems are built for the task. Water flow and transfer speed can be precisely adjusted to the species, size, and conditions in your facility.



TECHNOLOGY FOR BIG FISH:
LESS STRESS, BETTER RESULTS

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Moving bigger fish requires more than bigger pumps. It requires smarter systems.

We deliver proven solutions that put fish welfare first without compromising flow, capacity, or control.



Designed for high welfare and high performance

- SMOOTH, TANK-TO-TANK TRANSFERS
- NO UNNECESSARY GRADING OR HANDLING
- CUSTOMIZABLE SUCTION AND DISCHARGE SPEEDS
- MOBILE OR FIXED CONFIGURATIONS, INCLUDING SUBMERGED SETUPS
- FLOW RATES FROM 10–1000 M³/H
- CE CERTIFIED
- WIRELESS REMOTE OPERATION
- AUTOMATIC DATA COLLECTION FOR MONITORING AND DOCUMENTATION

Clear economic benefits

- HIGHER SURVIVAL AND BETTER GROWTH POST-TRANSFER
- LOWER MORTALITY AND GRADING-RELATED LOSSES
- MORE FISH REACHING PREMIUM QUALITY STANDARDS
- LESS MECHANICAL WEAR AND REDUCED MAINTENANCE
- IMPROVED BIOLOGICAL PERFORMANCE AND PREDICTABLE OPERATIONS

Contact our technical office to discuss a tailored solution for your facility.
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