

Hydromerd

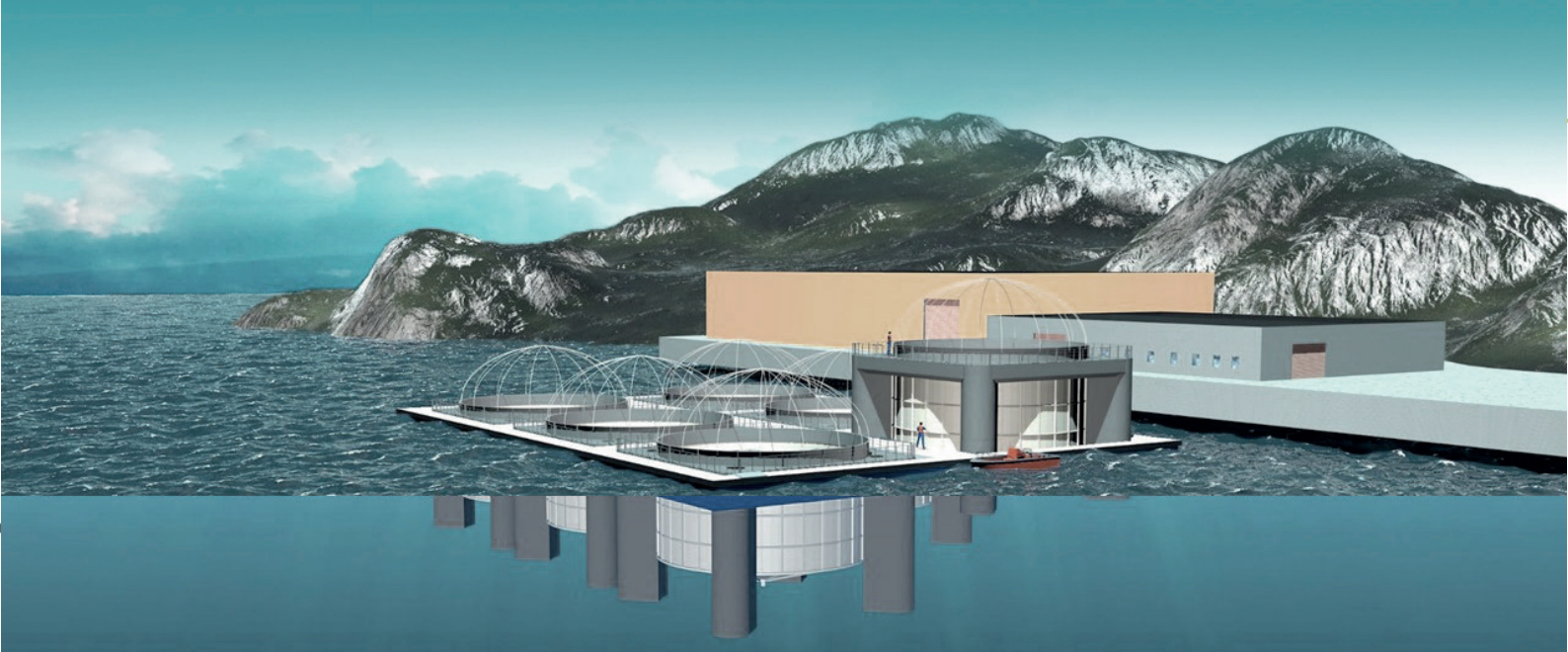
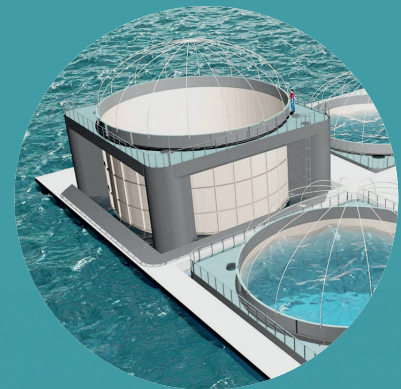
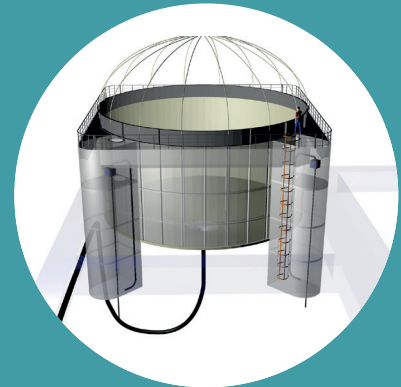
by smir

- the pen system for the future

Hydromerd is a pen system with multiple applications. It was primarily developed for use as a semi-closed holding pen, but also has a wide range of uses as a production unit.

The pen is made from a composite material comprised of multiaxial fibreglass and hardened plastic. It comes with ballast tanks that enable the pen's entire volume to be raised above the surface of the water, which means it can be air dried and is simple to clean.

Hydromerd reduces or eliminates the need for direct delivery by a fish carrier and therefore also the associated costs. The pen can be installed as a standalone unit or be integrated and anchored in an existing steel facility.



smir

Fish
Welfare
Innovation

Sentrumsveien 10
N-7160 Bjugn
post@smir.no
+47 924 34 554

smir.no

Hydromerd

- the pen system for the future

by smir

Facts:

Diameter 15-24 meters

Depth 11 meters - inside depth 9 meters

Volume 1500 m³ - 3300 m³

Weight 28 - 45 tons

Can be raised over water

Built in composite - multiaxial fiberglass and thermosetting plastic

Long service life - not subject to corrosion

The construction is rigid and strong. No risk of deformation

Comes with:

Control System

Pumps for filling and circulation

Drum filter or equivalent

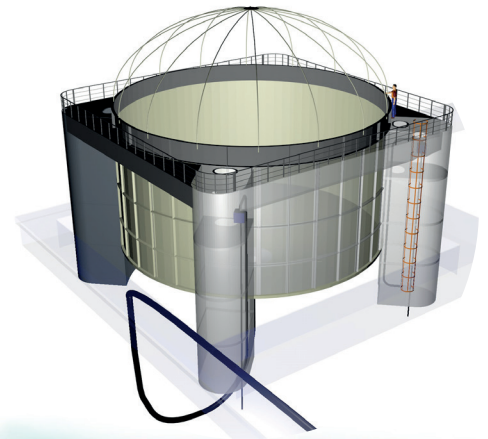
UV

Ballast tank pumps

Valves and pipes

O₂ injection. Liquid O₂

- Raised and lowered via four ballast tanks
- Raised sufficiently high to elevate the entire cage volume above sea level
- Can be cleaned daily and under safe conditions out of water
- The cage is kept clean without the use of chemicals



smir

Fish
Welfare
Innovation

Sentrumsveien 10
N-7160 Bjugn
post@smir.no
+47 924 34 554

smir.no