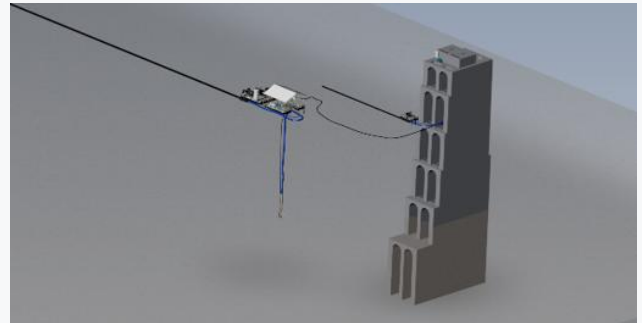


SediCon Dredging in front of gates, intakes and outlets

Targeted removal of cohesive sediments and debris at critical hydraulic structures

How it works

- Uses non-blocking suction heads and tailored jetting to break up hard clay and cohesive deposits.
- Can cut or remove debris such as branches and logs before blockage occurs.
- Customized ejector pumping handles site-specific material, depth and transport distance.
- Access tools, cameras and ROV methods enable work in confined hydraulic structures.



Principle sketch



Sediment relocation during operation

Why it matters

- Restores function in front of gates, intakes and bottom outlets.
- Works where conventional dredging access is limited or unsafe.
- Combines offshore handling experience with reservoir sediment expertise.
- Can remove or relocate sediments without major civil intervention.



Custom suction head

Best suited for

- Cohesive clay and compact deposits
- Sediment buildup in front of bottom gates and intake structures.
- Debris-laden material requiring cutting or pre-treatment.
- Restricted spaces such as piles, towers and other confined areas.

Best used when

You need controlled dredging in hard-to-reach hydraulic structures where reliability and access are critical.

For more than 30 years, SediCon has developed and supplied proprietary sediment handling technologies from Trondheim, Norway. Our solutions for reservoirs, intakes, desanders and tunnels have been successfully implemented in hydropower projects in more than 20 countries across five continents.