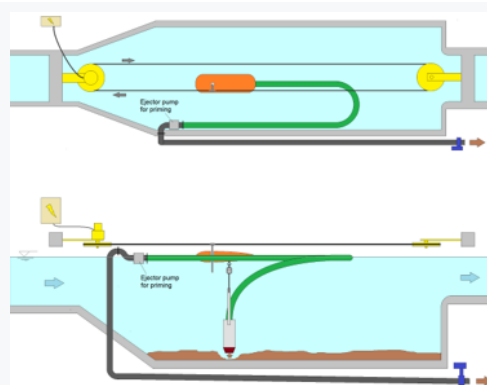


SediCon Desander Dredge

Gravity-powered sediment removal for desanders and other small sediment basins

How it works

- Uses the available water head between the desander and outlet for hydrosuction dredging.
- Removes water and sediment continuously through an unrestricted flow path.
- Can be operated automatically for reliable sediment management.



Principle sketch



Chacabuquito, Chile

Why it matters

- Handles a wide sediment range, from cohesive clay and organics to sand and stones.
- Patented suction head supports high capacity with low water consumption.
- Few moving parts ensure reliable operation, low maintenance and low operating cost.
- Plant operation can continue while dredging is in progress.



Alfalfal II, Chile

Environmental benefits

- Gravity powered – no fuel use
- Low water consumption
- No pollution to the surrounding water body
- Controlled discharge of sediments

Best used when

You need automated sediment removal in a desander or other compact structure with low operating cost and minimal interruption.

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.