

## SEDICON BOULDER EXCLUDER

**Operates automatically at any location. No intervention monitoring or power supply is required**



1000 mm diameter boulder excluder at Ulvik Power Plant discharging 5 m<sup>3</sup>/s and sucking away any rocks in front of intake

<b>Fully autonomous operation</b>	The operation starts automatically once the designed amount of water is spilling. Once the discharge drops, the siphon stops discharging. No intervention monitoring or power supply is required.
<b>Removes stones and boulders up to the size of the pipe.</b>	The suction force (up to several tons) remove any stones in front of the inlet. The only limiting factor is the physical size of the inlet, which can be up to 1,4 meters in standard configuration, and up to 1,7 m as special supply.
<b>No movable parts</b>	The boulder excluder operates without any movable parts. However, vacuum-induced or hydraulic induced priming can be supplied additionally.
<b>Uses only surplus water</b>	The system uses only surplus water, which means that there is no loss of water or power production.
<b>Environmentally friendly solution</b>	The Gravel Excluder removes sediments during floods, while there is natural sediment transport in the river, maintaining the biological and morphological balance in the water system.
<b>Abrasion resistant</b>	HDPE is an everlasting, robust and non-corrosive material.
<b>Easily adapted to existing structures</b>	SediCon provides custom design for each project. Components can be transported by helicopter and assembly requires only hand-held tools.

SediCon is the leading supplier of sediment handling worldwide and provides reliable solutions with low water consumption and uninterrupted power production.