

SediCon Sluicer for Winkeltal HPP intake, Austria

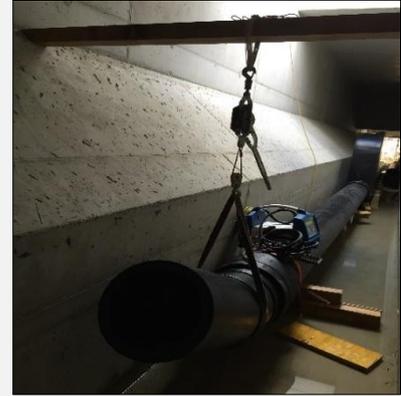
A hydrodynamic SediCon Sluicer was installed in September 2016.



Winkeltal run-of-river



SediCon unit



Installation of HDPE pipes

Project Description:	2.6 MW, Run-of-River, Completed on 2017 Annual production of 11.1 GWh The head is 208m and discharge is 1.5 m ³ /s
Location:	Winkeltal river, Austria <u>46.820211, 12.461095</u>
Client:	Gemeinder Ausservilgraten & INFRA project Development GmbH
Sediment Challenge:	River carries a heavy sediment load in spring, due to snow melting.
Solution:	New desander configuration; from two to one basin desander. Sluicer size: Ø355, no. of sluicers: 1 Capacity of 30 m ³ sand and gravel per hour and 400 l/s water consumption. Max stone size: 64 mm
Implementation:	The SediCon Sluicer was installed in 10 days by SediCon specialist with some local assistance. No embedded parts required.
Results:	Delivered per schedule, less than 5 months after contract signing. Specially designed components to reduce head losses.

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