

## A new rounding treatment for the Albula gravel plant in Oberhalbstein

# “Precision landing” in the Albula gravel plant

The Albula gravel plant, built in 1962, has been partially rebuilt several times in the past few years. In 2015/2016 it was the turn of the entire treatment. At the end of 2014, Marti Technik AG was given the assignment of the tasks for the corresponding conversion and construction work. The challenge was to completely renew the treatment of the rounding side without changing the geometry of the building envelope. Furthermore, the Client wanted to install an additional process step for the defibering of the river gravel. The gravel plant specialists from the areas of Plant engineering Stone & Earthworks and Electrical engineering took up the challenge and ensured the order was a success.

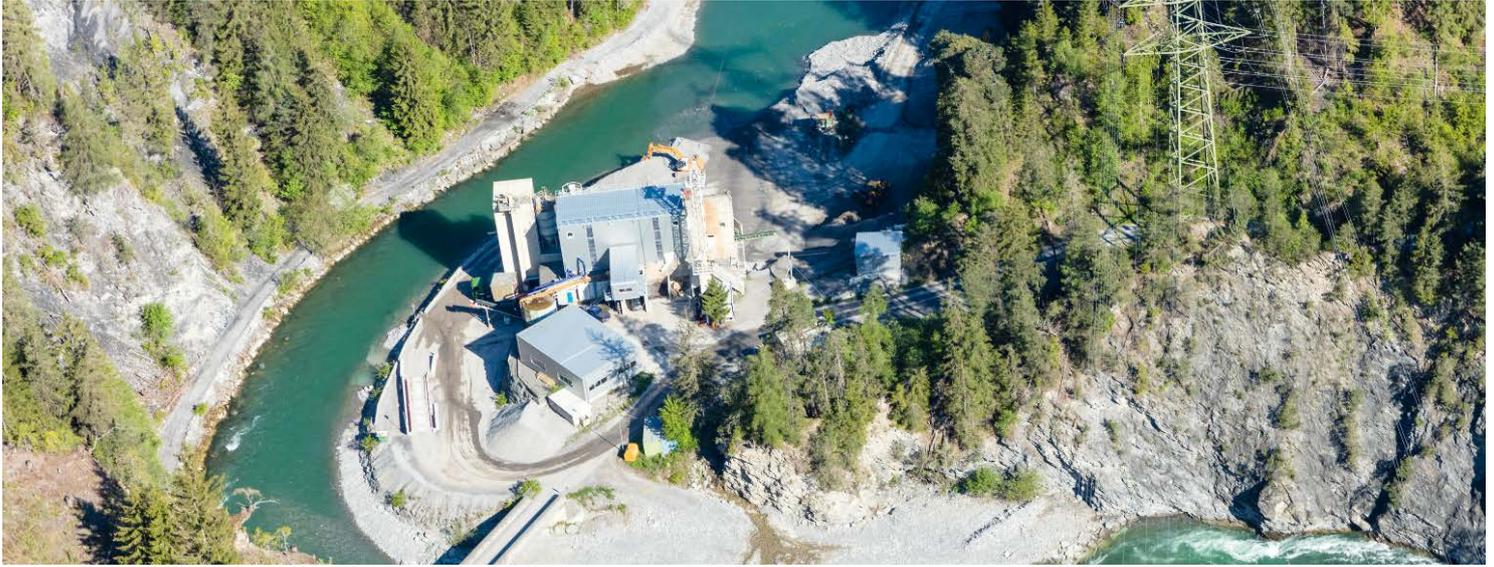


### Overview

A new rounding treatment for the Albula gravel plant in Oberhalbstein



## A new rounding treatment for the Albula gravel plant in Oberhalbstein



### Project

Client: Kieswerk Albula AG  
Created: 2015/2016

### System parts

- Rounding treatment with new defibering process
- System control of the entire gravel plant

### Technical specification

- Charging capacity of the gravel plant 60 t/h
- Wash water circulation approx. 250 m<sup>3</sup>/h
- The installed electric power of the new system parts approx. 205 kW
- The total installed electric power of all the system parts approx. 310 kW

The old building geometry of the Albula gravel plant was the brief for the conversion / construction of the rounding treatment side. We had to adhere to this. This applied primarily to the structural steelwork, which defines the geometry of the treatment. Not only was the power decisive in the choice of machines, but also their dimensions. Thanks to the Simatec screening machines it was possible to make optimum use of the limited space available.

Only 6 months had passed from the time we received the enquiry in December 2014 to when we were awarded the contract. After that there was no time to lose. We only had 3½ months from when the contract was awarded in July 2015 to when the start of the installation was required. The entire system had to be completely finished before the first snow. This project was yet further proof of how well the departments within Marti Technik AG work together. Since the weather gods gave us favourable conditions for the assembly work, we were able to carry out and finish all the work as planned, despite the tight schedule.



**Marti Technik AG**

Technikumstrasse 1 | CH-6048 Horw | Fon +41 41 349 40 20 | Fax +41 41 349 40 21  
info@martitechnik.com | www.martitechnik.com