

Scheuchzer SA, Switzerland

In cooperation with Scheuchzer SA a positioning system for tamping machines, based on the Amberg VMS 1000 twin-trolley system, has been developed.

The new system called SAMS I (Scheuchzer Amberg Measurement System) measures and transmits track correction data in real-time to the tamping machine.

The conventional chord measurement has been integrated in the tamping run process. As a result of this time and personal can be saved.





Correction data acquisition made easy

Location

Switzerland

General Information

- SAMS I is based on the successful Amberg Technologies VMS 1000 system
- Mast points at start of chord and end of chord are measured with a total station
- A prism, mounted on the tamping machine, is tracked permanently. The measurements are used to calculate the correction data for the tamping machine.
- Optimised workflow for project creation, measurement preparation and measurement has been introduced

Project Stages

Development project kick-off	11.2013
First measurement	04.2014
First construction site	08.2014
2 nd Tamping machine put in	
service with SAMS I	12.2014
Additional five tamping machines	
put in service with SAMS I	2016

Customer

Scheuchzer SA, Bussigny-près-Lausanne



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