The metal construction company Riguzzi in Felben has managed to network and digitise its internal processes smoothly. The main key to success: the modular TruTops Fab software combined with different TRUMPF machines.

Riguzzi AG

www.riguzziag.ch

The Swiss Riguzzi Group sees itself as a partner for all metal and plastic processing challenges. The company has three sites in Thurgau, Switzerland, with a modern machine fleet and all the resources required to respond flexibly to customer requests and to ensure short delivery times. Founded in 1980 by Guido Riguzzi, Andreas Riguzzi has developed the group of companies and is now leading it in its second generation.

INDUSTRY	NUMBER OF EMPLOYEES	LOCATION
Metal construction	130	Felben, Switzerland

TRUMPF PRODUCTS

- TruBend Center
- 7030 TruBend 7036
- TruBend 7050
- TruBend 5320
- TruMatic 6000
- TruLaser 3040 fiber
- TruMark 5010
- TruConnect

Challenge

Company owner Andreas Riguzzi decided to invest in an additional production hall for mounting assemblies. The metal constructor also purchased some other TRUMPF machines for sheet metal processing. However, there was a lack of in-house organisation of production data. The self-programmed software, based on a generally available database, was overwhelmed by the increasing number of access attempts.



"Thanks to digitisation, we were able to reduce our organisational time and labour expenditure as well as costs by up to 50 percent."

ANDREAS RIGUZZI
COMPANY OWNER OF RIGUZZI AG

Solution

In close consultation with TRUMPF Schweiz, Riguzzi discovered the TRUMPF TruTops Fab software which meets his needs perfectly. He installed it, investing in a TRUMPF bending and laser processing machine at the same time. TruTops Fab is modular, so that the user can install the modules they need for their current requirements and for their specific situation. This means that all internal procedures in sheet metal processing can be digitised individually.

Implementation

Digitisation with TruTops Fab from TRUMPF has proven itself a success at Riguzzi for two years now. The machine operators and programmers are happy with the software as well. They have mastered the transition from the previously paper order, data and operation sheets well. In workshops, the staff learned how to use the software to enter data into these digital communication devices, to select and read order data. TRUMPF provided extensive support during this training phase with customised seminars, training and workshops.







Forecast

Andreas Riguzzi recently invested in further TRUMPF machines, including a TruBend 7036 with a press force of 360 kN, a TruBend 7050 with a press force of 500 kN and a TruBend with 1530 mm bending length. The opportunities for digital networking were the most significant factor for the investment, and

less the machines' working speeds.

Andreas Riguzzi wants to take the next leap forward in the coming year. He is already working closely with Smart Factory Consulting from TRUMPF to make this happen. The systematic external perspective and the expertise of worldwide customer projects helps Andreas Riguzzi validate his ideas and develop solution-oriented concepts in collaboration.

According to Riguzzi, TRUMPF is and remains the best partner for medium-sized companies, particularly when it comes to consultation, training and system installations in combination with Industry 4.0.