

# Fill: End-to-end enclosure machining with Perforex

## CUSTOMER REFERENCES

Electrical engineering & automation



**Customer:** Fill Gesellschaft m.b.H  
**Industry:** Mechanical and Plant Engineering Company  
**Company size:** approx. 900 employees  
**Established:** 1966  
**Headquarters:** Gurten, Austria

“There’s no such thing as ‘can’t’” would be an appropriate motto for Fill Gesellschaft m.b.H., which is based in Gurten, Austria. Courage and a willingness to take risks have been paying off for this company since 1966. Fill, which employs a workforce of more than 900, is a leading international mechanical and plant engineering company that works with

an extremely wide range of both materials – such as metals, plastics and wood – and customers from industries such as the automotive, aviation, wind power, sport and construction sectors. For example, a Rittal Perforex is helping Fill achieve end-to-end enclosure machining and massive time savings.



**We have an exceptionally long-standing partnership with Rittal. We have a good way of dealing with problems, since ultimately it's all about finding solutions and then resharpening our focus on the future again."**

Konrad Pointecker,  
Team Leader for Electrical Production

## THE PROJECT

### The Challenge

- End-to-end enclosure machining with Perforex of about 2.000 enclosures per year

### The Solution

- End-to-end enclosure machining using Eplan for planning and engineering and the Perforex BC 1007 HS for machining
- Perforex Performance package for electrical depth adjustment and higher speeds
- Two thirds faster machining time



### On its way to a smart factory

Digitalization and Industry 4.0 are topics that Fill is dealing with, by, and the company is carrying out research into the smart factory. It's interest in digitalisation is centred on the automatic generation of control programs based on simulations, virtual commissioning for the early development and testing of control software, and the development of intuitive application programs. The aim is for data networking between sensors, machinery and production plants to open up completely new opportunities in production.

### Saving two thirds of working time

The company's commitment to end-to-end enclosure machining is part of this approach. Fill has long been using software tools from Eplan for planning and engineering purposes and, in October 2016, the company switched to a Perforex BC 1007 HS from Rittal for automatic enclosure machining. Fill wanted a faster machine that would also be compatible with its existing system. And that is precisely what customers can expect from the combination of Rittal and Eplan – a better overview and, most importantly, consistency. Construction plans drawn up with Eplan software can be sent directly to the machines and processed there. The Perforex Performance package also provides electrical depth adjustment and faster speeds, with the result that Fill now needs only a third of the usual machining time.

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