



**GERMAN RAILWAY-OEM
REDUCES PROCESSING TIME BY 43%
WITH FOOKE SOLUTION**

Railway Industry | Floor Assemblies



INITIAL SITUATION

GERMAN OEM | PROCESSING AL-ASSEMBLIES

- Long-term customer has already been milling* assemblies from FSW extruded profiles: Floor assemblies, roofs, side walls
- Benchmark to validate existing technology and milling strategies

IS A NEW ACQUISITION PROFITABLE?

* Existing machine / built in 2002



The background image shows two men in a factory setting. One man, wearing a dark suit and glasses, is leaning over a large blue industrial machine. The other man, wearing a white shirt and dark trousers, is also leaning over the machine, looking at something on the surface. The machine has 'FSW' and 'FOOKE' written on it. The scene is lit with dramatic, low-key lighting, highlighting the men and the machine against a dark background.

OUR APPROACH

ANALYSIS | EVALUATION

To meet the customer's needs, our application engineers conducted an in-depth analysis of the process "from the machine to the cutting edge" together with the customer.

HOW DO WE PROCEED?



OVER 20 YEARS OF KNOW-HOW
WE KNOW YOUR REQUIREMENTS

OUR ANSWER

CONCEPT | TURN-KEY SOLUTION

- Selection of the appropriate machine configuration
- Simulation of the machining and milling process
- Development of individual milling strategies
- CAD/CAM programming and provision of NC code
- Selection of modern milling tools and innovative tool holders
- Determination of specific HSC roughing and finishing parameters

SO MUCH FOR THE THEORY - NOW, WHAT ABOUT PRACTICE?



OUR RESPONSE

MILLING TEST | TECHNOLOGY CENTER FOOKE

Our application engineers successfully implemented the approach developed with the customer on a FOOKE milling machine and massively reduced the processing times of the components.

WHAT DID WE ACCOMPLISH?

OUR RESULTS

CUSTOMER EXPECTATIONS EXCEEDED | TIME SAVING 43%

Our turnkey solution: highly dynamic machine, optimized milling strategies with aligned tool selection and modern CNC control, proved its worth.

The application of the new FOOKE system multiplies capacities within the existing space constraints.

WHEN CAN WE MILL FOR YOU?



A photograph of three men standing in front of a large industrial machine, likely a CNC lathe or mill, in a factory setting. The machine is white and blue, with a large blue door open. The men are smiling and looking towards the camera. The background shows a factory interior with various equipment and structures.

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WE LOOK FORWARD TO MEETING YOU.

