

# REAL-WORLD EXAMPLE

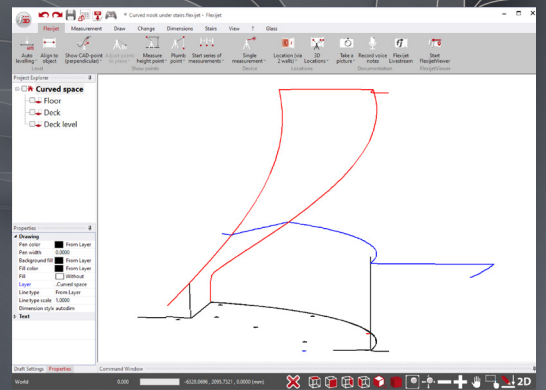
# flexijet 3D



## MEASUREMENT OF CURVED WALL FOR CUSTOM CABINET



Project: Fesk Tischlerei GmbH, Germany  
Measurement: Matthias Elbracht, Germany

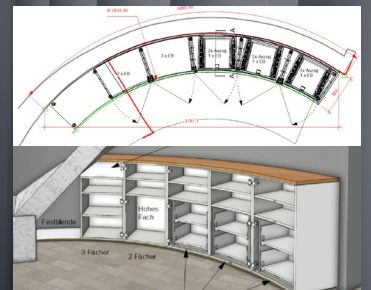
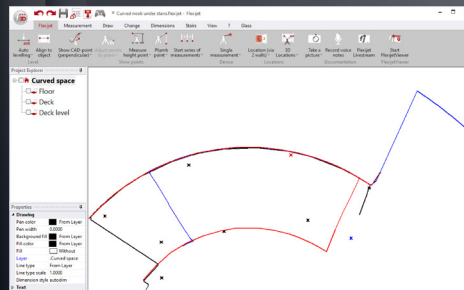


In order to precisely and efficiently measure this space, Fesk Joinery called master carpenter Matthias Elbracht and his Flexijet 3D laser measurement system.

The curved concrete wall and staircase contours staircase were accurately measured by Flexijet using 'Series of Measurements' to automatically aim the Flexijet at the correct elevation to capture the scribe.

The measurement drawing is created in real-time on the jobsite, allowing for immediate verification. And in under 15 minutes of measuring time, the measurement file can be exported as DWG or DXF, ready to transfer and complete the design.

The finished millwork fit perfectly into the curved area, exceeded the customer's expectations.



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**“When measuring with Flexijet 3D, I really like using the ‘Automatic Series of Measurements’. This gives me exact contours of the conditions on site in no time at all. This is an enormous help, especially with pitched roofs. Templates are no longer necessary. I can convert the contours into 3D components in CAD and send them directly to my CNC machine. This makes it possible to even produce fitting and skirting boards on the store floor.”**



**Matthias Elbracht**  
Master carpenter,  
lecturer & author

**“The advantages are obvious: Assembly times are reduced to a minimum. My employees arrive at the construction site more relaxed with the parts already fitted. The customer gains even more trust in my company thanks to the professional and highly precise measurements. On top of that, they enjoy less dust and noise in their home.”**

**“I wouldn’t want to measure digitally without Flexijet 3D.”**

**The time to develop your measuring skills is now!  
You too can benefit from digital measurement in CAD:**

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### About Matthias Elbracht:

Since 1997, Matthias Elbracht has been managing the Cologne-based family business “Möbelwerkstätten Elbracht” as the second generation. In addition to high-quality furniture and interior fittings - as the name suggests - the company offers a complete range of carpentry work. spectrum of carpentry work. Stairs, floors, windows and doors through to special requirements such as burglary protection are designed, planned, manufactured, and installed by the family business.

Matthias Elbracht recognized the benefits and effectiveness of digital planning very early on. He has been working with various CAD software for the carpentry trade since 1988 and has also passed on the knowledge he has gained as a lecturer or when advising other carpentry businesses. Here he works as a consultant to increase their productivity by digitizing processes and training employees.

As an author, Matthias Elbracht also writes specialist books and publishes in various industry media.

In 2015, he founded “Elbracht Training and consulting” and handed over the management of the joinery business in 2016 to the third generation, his

son Sacha Elbracht, in order to focus entirely on his activities as a consultant, author and lecturer. However, Matthias Elbracht has not been able to let go completely. He still occasionally conducts talks with customers or takes care of demanding and unusual measurements, drawing creation and design in CAD.

In addition to his activities in the company, Matthias Elbracht is also a member of the board of the Cologne Carpenters’ Guild, chairman of the “Cologne Carpenters’ Circle” and a member of the master craftsman examination committee in regional and national professional bodies.

“Elbracht Training and Consulting” offers, among other things, courses on interior-cad, Vectorworks and WoodWOP.



  
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