

flexijet

Innovation CAD-measurement

User Examples

Complex solid oak railings – from site measurement to CNC production!

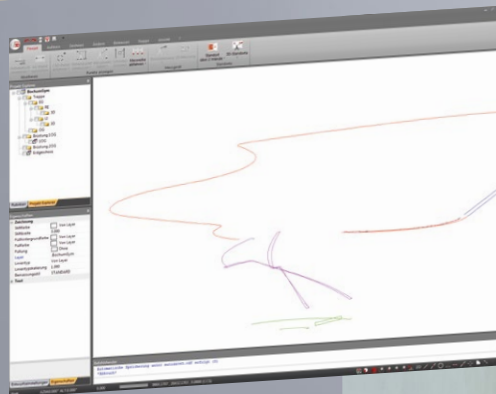


Carried out by Johannes Wortmann, Balve
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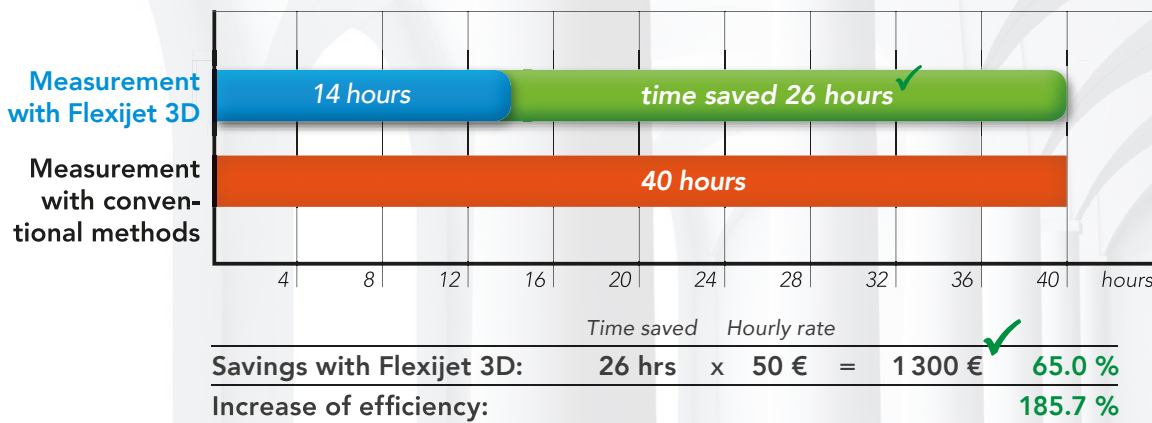
The staircase of a school building in Bochum required the production of solid oak railings. 'Wortmann Stairs' used the Flexijet 3D laser measuring system to accurately template the curved concrete on site. The measured data was exported to the CNC processing center in Balve to produce the handrails from solid oak.

Due to the accuracy of the site measurements with the Flexijet 3D laser measuring system, precise fabrication of the handrails was possible. Every part fitted as expected with no complications during installation.



Conduct site measurements and create the 3D CAD drawing in a single step. Use the point projection feature to show the relevant CAD points for on-site installation. A proven time and money saver!

In the example above, the Flexijet 3D laser measuring system provided the following advantage and value to the project:



In addition to the time and cost savings during site measurement and installation, Flexijet 3D also provides confidence in obtaining accurate measurements that will ensure a successful project.

→ Flexijet 3D gives you certainty and professionalism from site measurement to installation.

Johannes Wortmann:
 „Without the precision and workflow of our Flexijet the conversion would not have been economic. We would not have accepted this job without Flexijet.“

Flexijet 3D offers many advantages:



Collect site measurements with only one person



Instant graphic control on site



No missing dimensions or transmission errors



Installation improvement by point projection of CAD files using the the Flexijet laser



Creation of digital templates makes hard templates unnecessary



Measure without restrictions: 360° vertical and horizontal



Electronic Auto Leveling feature makes device easy to use, without manually leveling the tripod



Instant surface and space calculations



Interfaces to all common CAD programs and connection to CNC manufacturing