



Automated Inspection Case Study

Company Profile

Company: Panhuber

Location: Austria

Machine: Planar P150.35

WIR BRINGEN METALL IN FORM
PANHUBER

Panhuber Metalltechnik GmbH was founded in 1983 by Wolfgang Panhuber and his wife Josefa as a specialist company for machine fitting. The company was one of the first sheet metal processing companies in Upper Austria. The purchase of a laser machine laid the foundation for specialisation in highly flexible sheet metal processing.

Today, the company operates as modern family business, employing 18 people and processing over 2000 tonnes of sheet metal per year. They supply a wide range of sheet metal components with particular expertise in the heating sector. Metals processed include stainless and structural steel and aluminium.



Figure 1: Panhuber Metalltechnik in Taufkirchen an der Trattnach, Austria

Panhuber had relied on a VQC-2220 inspection system from Deutsche Mechatronics for many years. However, when the machine stopped working, support service was no longer available. As a result, a new sheet metal inspection system was required and optical metrology was the preferred choice. Ideally an automated inspection machine designed without moving parts to improve reliability and reduce maintenance.

The company began researching sheet metal measurement systems and discovered InspecVision through its German website. InspecVision provided an online demonstration,

“The InspecVision Planar is much faster than our old VQC machine. It typically takes a few seconds to scan a part compared to 1-2 minutes on the VQC.

Wolfgang Panhuber , Managing Director, Panhuber Metalltechnik

detailed product information, and quotations in German. In addition, the company offers support, installation, and training services in German—an important factor in Panhuber’s decision to purchase the optical vision system.

Wolfgang Panhuber, joint Managing Director of Panhuber Metalltechnik GmbH, explained that the company selected the InspecVision Planar 2D sheet metal inspection system for its exceptional measurement speed and innovative design without moving parts.



Figure2: Wolfgang Panhuber and InspecVision Engineer, Robert Darlazzi

“This is a major advantage”, Wolfgang noted. It makes the machine fast, simple and low maintenance, while reducing interference and delivering highly accurate results.”

He also highlighted the system’s ease of use. The Planar was quickly adopted by machine operators and seamlessly integrated into their weekly workflow, demonstrating its user-friendly design and practical value on the shop floor.

In terms of support, Wolfgang emphasised that the Planar requires very little maintenance. He typically contacts InspecVision only once per quarter, mainly for occasional software-related queries, underscoring the system’s reliability and ease of ownership.



Figure 3: Sheet metal parts ready for inspection on the Planar P150.3

To find out more information about the Planar and how it can help your business; please download our online brochure and contact our sales team at sales@inspecvision.com.

“Since installing the Planar we have made significant time savings on our flat part scanning”

Wolfgang Panhuber, Managing Director,
Panhuber Metalltechnik GmbH



Figure 4: Planar P150.35 measuring a sheet metal part at Panhuber

