

## **New combined cylindrical grinder Studer S41**

The manufacturing department of the ALFING Special Purpose Machine Group is pleased with a new combined cylindrical grinder. With this state-of-the-art and extremely precise machine from the company Studer, internal and external grinding enters a new dimension. For example, roundness values and cylinder forms of our rotation parts of  $< 1 \mu\text{m}$  can be reached process-safely.

Especially the details of the ALFING fine boring spindles benefit from these outstanding results. The precise details provide in sum for even more high-quality fine boring results.

After the installation of the machine in June 2017, already in July first spindle shafts could be produced in an excellent quality. „In mid-term planning, with the Studer S41, all our targets in reference to quality, time and cost will be improved“, production manager and quality manager are sure. „Our customers will benefit from this.“

The engineering department is also enthusiastic about the new possibilities and incorporated the higher accuracies immediately in the next spindle generation.

The company Studer, based in Switzerland near the Thuner See (Lake Thun) is part of the company group „United Grinding“ and enjoys a reputation as leading premium grinder manufacturer.



**Photo: Studer S41 in air-conditioned space of the ALFING manufacturing department**