

AEROSPACE SOLUTIONS

High-precision and economic manufacturing solutions for Aerospace Industry





Uncompromising precision and surface quality with maximum productivity

Experts anticipate a doubling of passenger numbers to 7.2 billion passengers per year by 2035. In the manufacture of aircraft and aircraft components, the level of innovation and the demand for components for the entire aerospace industry increase immensely. A part producer can meet this demand only, if it opts for efficient and high-tech production methods for cost-optimized machining.

No matter which material, which production strategy or to which quality requirements – with our machine solutions and know-how you can be sure you've made the right choice. The flexible machine tools and technologies of INDEX and TRAUB are ideally suited to product high-precision aircraft components for areas such as turbines, landing gear, chassis, and interior.

Through a versatile range of modular configuration options, we put together the best solution for your applications while keeping in mind such criteria as low tolerances and optimum surface quality.

Your benefits:

- Highest precision and excellent surface accuracy
- Short cycle times by multifunctional complete machining
- Customized material feed and discharge solutions
- Process integration such as measuring, marking, grinding, etc.
- Excellent ergonomics and easy service accessibility
- Machine tools "Made in Germany"

Sample manufacturing solutions



Rotor holder

Material: 1.4542
Dimensions: Ø 140 mm x 285 mm
Point of use: Drive

Machine: INDEX G220 turn-mill center
[-> index-traub.com/g420](http://index-traub.com/g420)



Eye end upper

Material: 1.4545
Dimensions: Ø 52 mm
Point of use: Chassis

Machine: INDEX C200 automatic lathe
[-> index-traub.com/c200](http://index-traub.com/c200)



Adjusting screw

Material: 3.1354
Dimensions: Ø 30 mm x 120 mm
Point of use: Wing

Machine: TRAUB TNL32 sliding headstock automatic
[-> index-traub.com/tnl32](http://index-traub.com/tnl32)



Diffuser

Material: Aluminium
Dimensions: Ø 180 mm x 240 mm
Point of use: Wing

Machine: INDEX R300 turn-mill center
[-> index-traub.com/r300](http://index-traub.com/r300)



Tear-off screw

Material: X8CrNiS18-9
Dimensions: Ø 22 mm x 25 mm
Point of use: Chassis

Machine: INDEX MS16 multi-spindle automatic lathe
[-> index-traub.com/ms16](http://index-traub.com/ms16)



Explore the versatile machine program for the manufacturing of aerospace workpieces:
www.index-traub.com

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