

# Production Partner for High-Tech Industries

## Factsheet



1

### Complex Machining

TECTRI SA specializes in cost-effective, automatic manufacturing of highly sophisticated turned and milled parts in metal and plastic. State-of-the-art automatic lathes with up to 11 axes as well as 5-axis vertical machining centres with up to 40 different tool heads enable the fabrication of highly complex workpieces and extremely small bores.

Our work is characterized by the highest precision and meets all standards of high-tech industries, such as medical or instrumentation systems.



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### Small and Medium-Sized Series

The complexity of the parts necessitates relatively long machining times. We therefore specialize in the fabrication and assembly of small and medium-sized series.



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### Materials

In contrast with other companies we are familiar with and process a wide spectrum of materials, from extremely hard or tough metals (such as Biodur 108, stainless steels and nickel alloys) to soft and elastic plastics. The material is selected based on the requirements for the product. We can also work with noble or highly combustible materials (such as titanium or magnesium). All of our machines have the respective safety equipment.

As material selection has a decisive effect on the success of a product, we also offer consulting and tests in questions of materials upon request.



4

### Dimensions

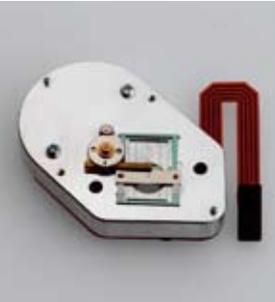
Our machines can process rod stock of up to 65 mm diameter in a maximum section length of 300 mm. Raw material in block form can be processed in sizes of up to 250 x 250 x 250 mm.



## 5 Engineering

Our core competence is customer-specific engineering. The objective is to bring highly complex mechanical sequences to serial production by finding pragmatic solutions. The indispensable practical approach comes from our many years of production experience.

The development of our prototypes is already highly practice-oriented, with every prototype being capable of series production. Development thus also comprises a feasibility study. Streamlining, combining and improving required steps in series manufacturing provide our customers with decisive market advantages, such as lower risks, lower production costs and increased reliability.



## 6 Assembly

We regard ourselves as a full-service company, performing all tasks for you from consulting through production. A further core competence lies in assembly of the completed parts.

Our assembly department handles difficult, micromechanical assembly work, as well as mounting of electrical and electronic equipment on components.



## 7 In-House from Start to Finish

All of the services described are performed 100% within our company and are subject to our rigorous quality management. Independence, a high degree of transparency and perfectly organized work flow are objectives which we ambitiously pursue – and achieve. All of the customer audits performed in our company have been completed to the full satisfaction of our customers.



## 8 Responsibility and Commitment

TECTRI SA is a family owned and operated company with approx. 40 employees. We maintain direct, personal contact with our customers and are prepared to share commitment and responsibilities in a contract. Instead of a sales department, we provide you with reliable contact and development partners with the highest technical competence.