Saving Money
from Concept to Production
SAVING MONEY FROM CONCEPT TO PRODUCTION

Customized Services for Customized Products

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* price based on requirement

**Engineering Assessment**

Over the years, Angst+Pfister has built up a comprehensive team of highly qualified application engineers who have amassed expertise across a broad range of industries. Getting Angst+Pfister involved at the beginning accelerates the time-to-money of a new design project. Under the APSO (Angst+Pfister Solutions) brand, our engineering specialists develop tailor-made solutions for practically any application within our five core product areas.

**Design-in and Cost-out**

Our application engineers’ excellent knowledge of materials and deep understanding of the manufacturing process make Angst+Pfister the ideal partner for customer-specific product solutions. Everyday, we create customized components that are developed specifically for our customer’s applications and requirements. The experts at Angst+Pfister consider the entire production process and help our customers systematically save money by reducing the total cost of ownership.
Prototyping and Samples

In the development process, Angst+Pfister can save our customers time not only by creating prototypes, but also by manufacturing pilot series. Additionally, we provide declarations of conformity with a wide variety of industry regulatory norms and leading specific certifications, including:

![Quality Certifications and Standards](image)

Workshops

Angst+Pfister’s state-of-the-art Swiss production facilities perform at the highest quality a variety of value-adding manufacturing steps, such as:
- pre-assembly production
- contour cutting and stamping
- machining of semifinished products into finished components
- exactly calibrating gas springs
- TIG/plasma welding to manufacture metal hose assemblies
- precisely pressing fittings onto hoses
- welding polyurethane toothed belts

Quality Certification Documents

As an ISO 9001:2008-certified enterprise, Angst+Pfister knows that quality is a critical component of sustainable revenue streams and profitability. Therefore, Angst+Pfister is capable of carrying out comprehensive quality testing, providing a wide range of quality certifications and exact test protocols. These include:

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<th>Documents*</th>
<th>Norm</th>
<th>Description</th>
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<td>Manufacturer certificate of compliance 2.1</td>
<td>EN 10204-2.1</td>
<td>Certification of delivery in compliance with the order specifications</td>
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<td>Manufacturer certificate of compliance 2.2</td>
<td>EN 10204-2.2</td>
<td>Certification of delivery through manufacturer’s quality-control department</td>
</tr>
<tr>
<td>Manufacturer certificate of compliance 3.1</td>
<td>EN 10204-3.1</td>
<td>Certification of compliance with the order specifications including results of specific testing</td>
</tr>
<tr>
<td>Manufacturer certificate of compliance 3.2</td>
<td>EN 10204-3.2</td>
<td>More rigorous certification of compliance with the order specifications including results of specific testing</td>
</tr>
<tr>
<td>Declaration of conformity</td>
<td>EN ISO/IEC 17050</td>
<td>Certification that the specific properties of a certain good or version meet recognized standards</td>
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<tr>
<td>IMDS entry</td>
<td>VDA 231-106</td>
<td>Entry in International Material Data System and Global Automotive Declarable Substance List</td>
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<td>Initial sample test report pursuant to customer requirements</td>
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<tr>
<td>Initial sample test report in accordance with PPAP Level 3</td>
<td>ISO/TS 16949, VDA volume 2, QS 9000</td>
<td>Special initial sample test report in accordance with customer requirements (automobile industry), i.e. design FMEA, control plan, sample product</td>
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<td>Test protocol</td>
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<td>Test protocol in accordance with customer requirements</td>
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Series Production

Drawing on a wide international network of manufacturers, Angst+Pfister can provide the right component at the right price on a just-in-time basis, no matter where the customer is located in Europe or Asia. To ensure best prices and availability, blanket purchasing contracts can be arranged for values greater than EUR 5,000. To reduce the total cost of ownership, contact us for kanban, just-in-time and complete supply chain management solutions.
Services from Angst + Pfister Group

Angst + Pfister – Your supply and solutions partner

The Angst + Pfister Group is a leading international technical manufacturer and service provider for high-end industrial components. As a supply and solutions partner for engineering plastics, sealing, fluid handling, drive, and antivibration technology as well as sensors, Angst + Pfister combines efficient logistics concept with comprehensive product application engineering services. Besides providing customer-specific parts, the Group offers a product range consisting of approximately 100,000 standard items.

Our core product divisions

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