Innovative Solutions
for a Competitive Industry

An innovative mindset is a key part of Sintex in order to ensure innovative solutions for our customers – as we prefer to call our technology partners!

Sintex is a high-tech enterprise that focuses on generating added value for you, for ourselves and for the society around us. Several solutions are patented, but always developed together with customers in order to optimize and boost customer technology.

What the right solution is for your technology in your particular industry time will tell, but a high degree of automation is essential for a manufacturing company in Denmark and something that Sintex has focused on extensively within all product areas. It should also be pointed out that production lines are not necessarily in-house, but can also be transferred to customers as and when required.

We have no doubt that innovative powder metallurgy technologies and a high degree of automation represent a perfect match for the competitive automotive industry, and we thus look forward to taking on your challenge!

History

At Sintex we apply powder metallurgy technologies for stainless steel components, stainless steel filters, metal injection moulding (MIM), magnet manufacturing and wolfram carbide coatings.

We are an independent limited liability company owned by Grundfos A/S and were established in 1997 as an innovative high-tech company with external customers within the Grundfos Group. In 1997 Sintex had 6 employees and a turnover of 0.35 million Euro; at the beginning of 2014 we rounded 160 employees with a turnover of approximately 37 million Euro and in 2013 we received the Danish Gazelle award for the 4th time.

Our growth is something we are exceptionally proud of as it has taken place in collaboration with our customers – collaboration which has boosted their development and contributed to a quantum leap in terms of technology!

Sintex
YOUR STRONG PARTNER

Sintex a/s · Jyllandsvej 14 · DK-9500 Hobro · Tel. +45 9657 4300 · Fax +45 9657 4310 · info@sintex.com · www.sintex.com · Cvr no. 19848086

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Powder Metallurgy
for the Automotive Industry

Sintex – Your Automotive Competence Center

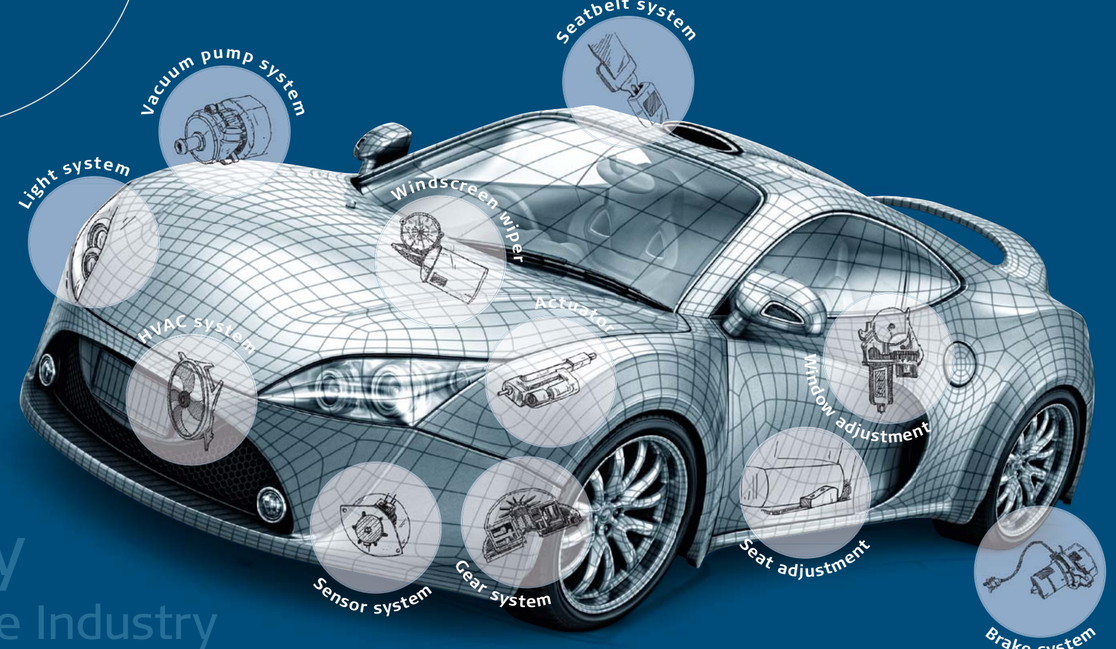
Sintex' vision of being a competence centre perfectly matches the growing requirements of the automotive industry. We work as a technology partner – as a competence centre with several high-tech products within powder-based solutions.

Our history within the automotive industry goes back a long way – in fact back to the year 2000. Our first application – and indeed one of the applications we still produce parts for within the area of safety components – was airbags, or more specifically airbag nozzles for one of the major global players within the automotive industry.

Since that time we have worked with many global automotive customers and are used to satisfying ever-stricter requirements with regard to cost optimisation, quality improvement and process enhancement.

We have combined our extensive knowledge of development, materials, processes and production, and we encounter challenging issues that help us renew ourselves and create enhanced and optimized solutions on a daily basis. At Sintex, being pulled in new directions and facing challenging questions with regard to our knowledge and skills, is an everyday occurence for us.

Hybrid Petrol Electric Diesel



Powder Metallurgy for the Automotive Industry

Powder metallurgy is the ideal technology for the competitive automotive industry due to e.g. the combination of very high volumes and the potential to control very strict tolerances, the fact that it is a recognized green technology, in addition to the complex technologies and possibilities that are inherent in stainless steel.

The MIM process – Metal Injection Moulding – is a good example of this. With this process it is possible to combine the metallic properties of stainless steel with the design flexibility of plastic moulding.

Surface hardening of stainless steel is another example, which is ideal for the automotive industry. This entails not merely coating a surface, but is a process that goes beyond the surface to create an optimum hardness profile with carbon and nitrogen in a clean and super-efficient manner.

Sintex powder metallurgy technologies represent an obvious choice for many automotive applications, including drive units (motors, clutches and small components), electro-motors and gears, brake systems, heating, ventilation and air-conditioning equipment (HVAC), as well as safety components.