

Automotive (a)

Your partner for **mechatronics**

From mind to motion

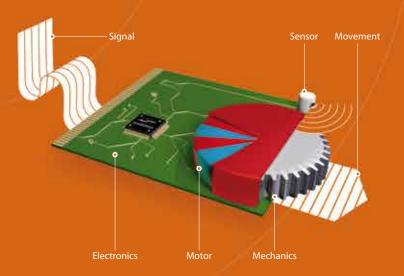
Your partner for **mechatronics**

Sonceboz's core competencies consist of design, developmen and production of mechatronic drive systems, and electric mo tors that operate in harsh automotive environments.

We are committed to reducing CO_2 and pollutant emissions, improving road safety, and enhancing driving comfort.

We offer compact, seamless and innovative motion systems Our "from mind to motion" service is the key to our success for OEM customers and their suppliers worldwide.

Welcome in Sonceboz, an enterprise in motion!







Comprehensive brushless technology portfolio

Stepper motors and brushless actuators are all intended for harsh severe-service environments, and with the relentless pursuit of 0ppm quality. Our broad range of motor technology, and our integrated control of production and assembly mean that we provide solutions that are effective, efficient, and cost-effective. This is how we help you to maximize your profit.

Wide array of technologies

Compact, robust and energy efficient motion systems

Optimized cost of ownership

Slimline stepper

- High dynamic torque
- Low noise
- Wide product range

Smart stepper

- Embedded electronics
- Slimline design
- Watertight

Linear actuator

- Robust technology
- Easy to integrate
- Lightweight packaging

Direct drive BLDC motor

- High dynamics
- Torque density
- High accuracy

Torque motor

- Direct drive
- Fast positioning
- Rugged design

Smart BLDC

- Embedded electronics
- High torqu
- Robust design



Mechatronics for passenger cars & light duty vehicles



Front end

Aerodynamics

Sonceboz has been pioneering with smart actuators for active grille shutters. Movable shutters behind the radiator grille enhance vehicle aerodynamics and speed engine warm-up.

Thermal management

The switch from a static loop to a dynamic management of temperatures focuses on limiting energy loss and improving overall efficiency. That requires control systems with dependable mechatronic drives to accurately regulate flows.

Adaptive lighting

Modern adaptive front lighting systems provide an optimal illumination of the road without glare of the other road users. By directing the light beam at the right place, these systems actively contribute to reducing vehicle accidents and road fatalities at night.



Engine & Exhaust

Air intake

Electric actuators are used in control applications that optimize combustion dynamically in response to changing engine speeds and loads, and control the variable valve train or feed precompressed air into the intake.

Exhaust

On the line that conveys burnt gases from the engine to the exhaust pipe, mechatronic drives operate in low- or high-pressure EGR systems, in turbocharging, or in muffler valves.



Interior

Instrumentation

Designing appealing instrument clusters is a challenging exercise, as they represent the main HMI in vehicles. Providing the driver with reliable information and state-of-the-art visibility require cost effective, seamless, and thin electric actuators.

Driver assistance

To assist drivers in a multitude of situations and to secure the driving process, advanced driver as sistance systems such as the force feedback peda or parking camera require compact, accurate, and dynamic electric motors.



Chassis & Steering

Transmission

Electrically-actuated clutches, gear selectors, or variable pumps facilitate the smooth, efficient transfer of torque with the optimal ratio for the load conditions at any given moment.

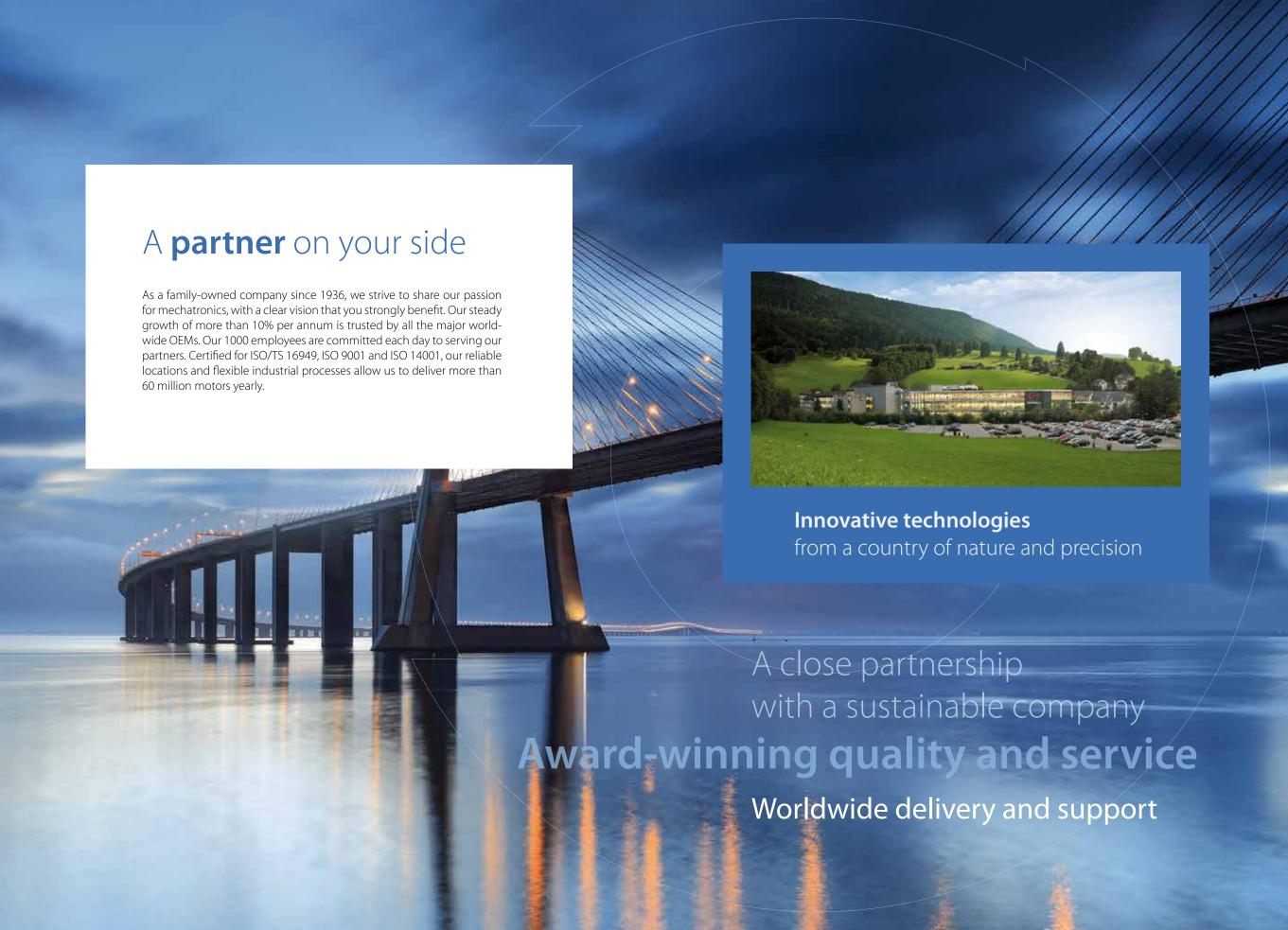
Validated application-specific motion systems

Quick time-to-market solutions

Track record in harsh environments







They trust us:

















CHRYSLER













长安泛车



SAD



































































Contact us!



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