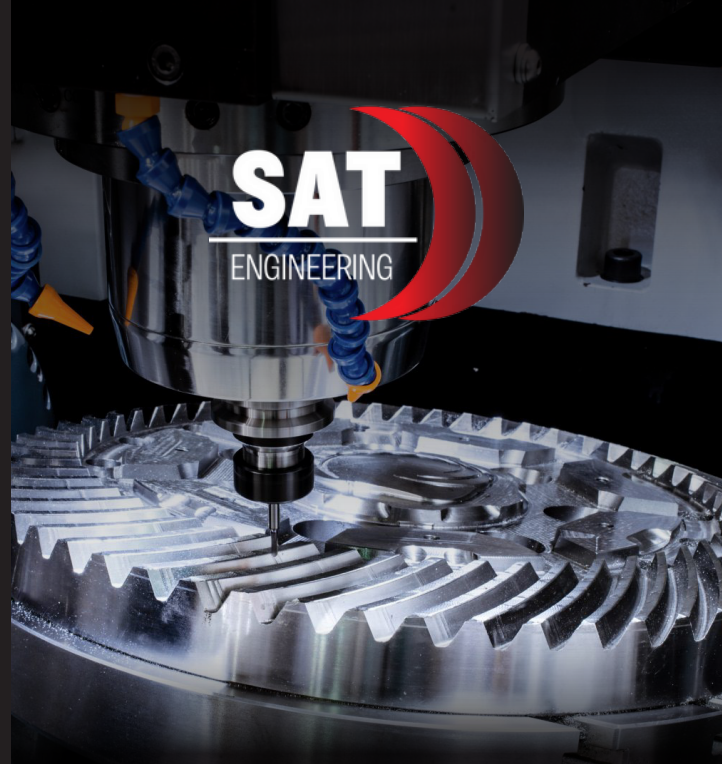


# Delivering Perfection Since 1988

Szatuna Ltd. is one of the largest car wind deflector manufacturers in the European market. We produce more than 1500 different models of car wind deflectors using different technologies according to the market needs.

Precise work, fast execution. Unmatched carbon fibre products and decades of experience in mass production, product development, automotive supply, design and custom manufacturing.

This knowledge and experience has grown into the SAT Engineering office, which operates within Szatuna Ltd. to turn imagination into reality.



## Technologies



**3D product and tool development - Solid Edge**



**Thermoforming**



**CNC machining**  
• 3 axis • 5 axis • Tool Polishing



**Pre-preg (composite) pressing technology**



**Our injection moulding machines**  
• 50t • 200t • 800t



**3D CAM -EdgeCAM**

## Materials

### CNC milling

- Aluminium: AN  
-EW 5083, 6082, 7022, 7075
- Various steels
- Industrial polymers  
e.g.: Peek material
- POM

### Thermoplastic materials

- PA (Szálmegegerősítéssel)
- PVC
- Etc.

### Thermosetting materials

- SGL Sigapreg materials

## Reference Projects

### Wind deflector for Dacia

Investigation of door 3D model & deflector integration into 3D native data, product analysis and mould design, quality control and production

### Composites (prepreg pressing) Pelso/Brevet

The Pelso/Brevet is a carbon recumbent bike developed by our engineers, manufactured in-house, and sold in Western Europe, Japan, South Korea and the USA

### Pneumatic housing -Hafner pneumatics

Manufactured parts for Hafner pneumatics in large quantities (10-50.000 pieces series), to be sold later on in Western Europe.

### Ophrys industrial printer -D2W kft.

Door2World Ltd. asked us to help them manufacture, with extreme accuracy, all the aluminium parts and components of their new Ophrys Semicolor industrial offset printer.

### Audi Q7 prototype carbon mirror shell

#### Smr Automotive Mirror Technology Hungary Bt.

Development of the tooling and manufacturing process for the carbon-made Audi Q7 mirror shell

### 5-axis CNC milling and laser machine

Our main B2C product: the car wind deflector, developed in-house with a solution that allowed us to shorten the production time by 40%.

### AUDI TT Rs fuel tank cover

ILR Composites needed a manufacturer who could develop tooling and a manufacturing process for an aftermarket carbon fuel tank cap.

**Our process allowed them to produce 1 set in its entirety, reducing the cycle time by 19.7%, and the investment per kit by 11.4%.**

## Why choose us?

Design and manufacturing in one hand, at an affordable price.  
Maximum reliability and satisfaction.  
Flexibility, not just in writing.

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