



EVROPSKÁ UNIE  
Evropský fond pro regionální rozvoj  
Operační program Podnikání  
a inovace pro konkurenceschopnost

**Project: “Strakonice Excellence Fabrics R&D Center”**

**Project Reg. No.: CZ.01.1.02/0.0/0.0/16\_092/0008974**



The “Strakonice Excellence Fabrics R&D Center” project has focused on extension of the existing research and innovation capacity with the target to expand and improve the quality of research, development and innovations in the field of special textiles and new components for vehicles.

As first, the unused building neighbouring with the production facility has been purchased and then reconstructed according to the needs of the development centre. The premises in the existing production facility (in terms of both capacity and quality) were not sufficient; therefore, a new building has had to be purchased. With respect to the demands of the R&D activities performed, it is necessary to have adequate premises that enable to carry out R&D activities in required quality and efficiency.

Moreover, a new access road including a gate has been built within the project.

Since the original equipment did not meet the requirements for the planned research, development and detailed testing, it was necessary, especially with respect to new R&D tasks, to expand and re-furnish the R&D Center with necessary modern technologies for Smart textiles, tuning processes and many others.

**Within the project, the following machines have been purchased:**

- Weaving looms
- Jacquard machine
- Guidance automatic machine for weaving harnesses
- Tumbler machine
- Machine for roller textile embossing
- Warping machine for prototype samples
- Yarn colouring machine
- System for Corona surface treatment
- Machine for blowing and rewinding coils
- Yarn reel
- CNC laser cutting machine
- 3D printers

**Storage & handling:**

- Rack system
- Large laps for textiles
- Electric pulley system
- Sectional beam
- Machine for cutting of components for collection workshop
- Stacker for warping beams

**Testing & laboratory:**

- Equipment for light-fastness measurement
- Mini-Martindale
- Colour meter

**The project output is the ability to develop new materials in modern premises using high-tech machines.**

**The new R&D Center also offers services to external customers after previous agreement. Should you be interested in our services or capacities, do not hesitate to contact us.**

**The project implementation is of absolute strategic importance for the company Sage Automotive Interiors, Strakonice Fabrics, s.r.o. It ranks the Strakonice R&D Center among the leaders in the field which is proven by interest of prestigious brands in products developed by us.**