



## Project PFM

### Development of automatic systems for the painting and flocking of metallic springs for automotive applications

#### Coordinator

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#### Partner

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#### Project objectives

To solve technological and automation problems for combining painting and flock techniques of metallic springs. Development of a production plant which can paint by using anti-corrosion products and flock the metallic springs.

#### Abstract

This project combines the development of new raw materials (chemicals and flock) with the specific needs of the product (metallic springs), for both production purposes (high productivity plant) and for the performance of the product (high quality product).

The main activities are:

- design and realisation of a prototype production plant for the painting with anti-corrosion products and for the metallic spring flocking
- development of specific chemicals
- performance tests of the products created with the prototype plant

The prototype plant developed in the project has the requested characteristics. The very positive results obtained in this research project allowed the development of four industrial production plants.



Project for the development of cooperative innovation

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Progetto cofinanziato dall'Unione Europea,  
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