IDEAL - Trade Service : producer of coating facilities with a unique research and testing centre. You can reach the innovations with us!

ITS (IDEAL-Trade Service) is a leading producer of powder and wet coating lines and technological units for surface treatment with extensive experience and innovative approaches in production. It was established in 1993 and has become one of the key coating facility producers on the markets in the Czech Republic and Slovakia. Thanks to our efforts to push the boundaries of technology we have earned the reputation as an innovator and industry leader.

Since its establishment ITS has completed more than 712 projects throughout all industry sectors. We provide our customers with complex services and custom implementations not only in coating but also in the sphere of chemistry, hanging technology or masking. We produce not only smaller loading coating lines, independent atypical coating booths or drying and curing oven but also very complex automated lines with Power and Free conveyors and robotic applications, all in compliance with the concept of Industry 4.0.

We operate our own research centre that enables testing of new technologies and products. The centre is equipped with the latest technical equipment and is constructed as a full coating line with all kinds of conveyors. All manual, automatic and robotic coating can be performed. Thanks to a fully-fledged 10° pre-treatment we can suggest the most appropriate technological processes.

Through testing in real conditions, we can determine exact costs of one product within the coating process and we will recommend suitable production process. We can test coating of products in requirements for evenness or certain thickness of the paint layer. Based on the tests we determine under what conditions the product can be coated automatically and when manual or robotic final spraying is required. We will calculate exact consumption of the paint for coating and the quantity required for one product. We can coat a product, including fully-fledged pre-treatment, that can subsequently be used for other tests or as a sample piece. First, we can simulate such tests and present them to you using 3D or virtual reality.

The research centre closely cooperates with Surface Quality Institute – our laboratory. Its team of experienced professionals deals not only with the development of new technological processes but also with corrosion and mechanical tests and analysis of bath’s operating parameters. The centre specifies the parameters of output waters, sets the whole process of neutralization, and recommends suitable solutions as per environmental standards.

What sets us apart from others is our unique HiVision control system. The system that we have designed and developed completely in-house controls the entire line and all related technologies. HiVision is a modular, customisable system enabling a smooth and effective system of management, control, and servicing of your coating facility. HiVision is among the best industrial control systems on the market, therefore it is protected by registration mark.

In ITS we understand that each client and each project is unique and requires individual approach. This makes ITS an exceptional player in the industry. We are proud to be a trusted and reliable partner for our customers.