

Press Release

PBS Velka Bites, a.s.

February 13, 2025

PBS Velka Bites Galvanizing Plant Delivers Components for TROLL Space Project

PBS GROUP adds another achievement to its portfolio. Its specialized galvanizing plant at PBS Velka Bites has secured and completed a prestigious contract for the Czech TROLL satellite project. Specifically, the plant performed surface treatment on two satellite components. These parts from Velka Bites are now literally floating in space. This success further confirms that PBS GROUP can handle even the most ambitious challenges of modern industry.

PBS Velka Bites galvanizing plant, a specialist in natural and hard anodizing of aluminium alloys, has successfully delivered components to the space industry. Two components of the Czech TROLL satellite, which received precise surface treatment with natural black anodizing at the Bites plant, are now traveling through space as part of a mission in Earth's orbit. The TROLL satellite is equipped with a hyperspectral camera that will help the Czech Environmental Inspectorate detect illegal landfills, construction sites, and water pollution across the Czech Republic.

"In the field of hard anodizing, we have no competition in the Czech market, and this project demonstrates our ability to execute even the most technologically demanding surface treatments. Thanks to our years of experience and professional approach, we can offer each customer comprehensive solutions, including the design of mounting fixtures and masking of critical component parts," said Pavel Prokeš, Director of the PBS Velka Bites galvanizing plant.

In addition to anodizing, the PBS Velka Bites galvanizing plant offers other surface treatments such as blackening, zinc plating, tin plating, and nickel plating. They approach each order individually and respond flexibly to specific customer requirements. The successful completion of this contract for the space industry confirms the high quality and professionalism of all their services.

You can watch the video of the rocket launch that carried the satellite into space at the attached link.

[SpaceX, official X channel](#)

About the Company:

PBS GROUP, an aerospace manufacturer, is synonymous with innovation in high-precision engineering. The company has earned its reputation as a distinguished manufacturer of jet engines. With its main manufacturing facility in Velka Bites and growing production capabilities in the USA and India, PBS GROUP has established itself as a significant global player in both defence and civilian technologies. The company maintains a long-term commitment to developing advanced aerospace technologies that support NATO and allied defence projects, as well as civil aviation initiatives.

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