

Press release

Nanoval and Ingpuls enter into strategic cooperation in the field of metal powder atomization

Establishment of a supply chain for high-purity metal powder made of NiTi SMA

Berlin and Bochum, 17. March 2025:

Nanoval GmbH and Ingpuls GmbH announce that they have entered into a strategic cooperation.

With the advancement in additive manufacturing technologies, the demand for high-quality NiTi powders is also continuously increasing. In order to be able to meet these sometimes very specific needs of customers for very different alloys, it is necessary that electrode production and metal atomization work hand in hand. A standard supplier relationship does not meet this requirement for various reasons, and especially in times of increasing demand.

Nanoval and Ingpuls have been working together intensively for several years and have continuously improved the joint processes for the production of metal powders from shape memory alloys during this time. Since then, customers from all over the world have been supplied with SMA powder. It became clear that the high consistency in material quality on the part of Ingpuls with Nanoval's exceptional atomization expertise represent an extremely successful combination. Together, the companies have now decided to intensify the cooperation in order to increase joint production capacities as well as reduce delivery times for customers.

Christian Gerking, Managing Partner of Nanoval GmbH, describes the joint development: "For years, we have been impressed by Ingpuls's ability to produce rods of difficult alloys for us. During recent mutual visits, we were also able to get to know the way of working, the career and the teams of both companies. In the exchange on site in Bochum, we were fascinated by the consistent and thorough approach of the Ingpuls team during the founding and development phase of the company, as well as the extraordinary dynamics of the company's development in recent years, which can be traced back to an incredibly sustainable and far-sighted commitment of the Ingpuls founders."

Dr. Christian Großmann, member of the Ingpuls management board, comments on the cooperation as follows:

"In recent years, we have been able to successfully spray a wide variety of shape memory alloys with Nanoval and thus deliver them to customers from all over the world.



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What is very exciting and strategically valuable is that demand from aerospace, medical technology, nuclear technology and research is very diversified. After the cooperation with Nanoval has grown over the years, we were able to define processes and production procedures in a strategic exchange, through which we are now able to significantly reduce delivery times. This is very important for our customers, as it helps them to accelerate their development projects. Time to market is drastically shortened and everyone benefits."

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