

COLD SPRAYING at CGT: a Story of Success for the Past Ten Years and the Future

Mr. Helmut Höll

CGT, Germany

The history of cold spraying at CGT started with components like a 20 KW gas heater and a simple gun in 2000 and was followed with steady improvements and developments. The latest development is an 80 KW system, the KINETIKS® 8000, where the spray parameters are more than doubled. Up to 1000°C with maximal 40 bar at the nozzle, or a process gas flow of 160 m³/h are the numbers we are talking about. This presentation will give examples of the developments in the past and the state of technology in the present. The presentation will show sketches, pictures and clips of the development steps and related disclosed applications.