

New findings in shaving and hot-drawing technology

Kieselstein – German producer of wire drawing and wire shaving machines – participates at the Interwire show as a co-exhibitor of their US-Agent Wire Machine Systems. Due to its R+D activities, the enterprise is leading in shaving technology. Currently, their focus is on shaving of new materials, such as titanium and tita-

experience in hot drawing of wire. During long-term R+D activities and the realisation of one installation for a customer in 2016, Kieselstein especially dealt with hot drawing of titanium grade 5. Fundamental findings were made regarding the pretreatment of the wire, the optimum cross-section reduction and drawing speed as



Hot drawing machines are used to reduce the diameter of difficultly transformable wire by drawing. Photo: Kieselstein

nium alloys, magnesium wire and memory alloys. In their in-house testing centre. They carry out shaving trials in order to test these new wire materials, new shaving die materials or die geometry or modify plant settings. Customers are invited to bring their material for shaving trials at Kieselstein in order to convince themselves of the extraordinary surface quality that can be reached. Besides shaving, Kieselstein gathered extensive knowledge and

well as the setting of temperature. Kieselstein will use the know-how gathered to improve their technology of hot wire drawing for the benefit of their customers.

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