

Helixes



We use the screw principle in the design of the technology we provide for bulk materials handling for both horizontal and vertical transport, for construction of the coolers for powdered materials, for homogenisation or for sampling of powder materials. The design and selection of the construction materials has an impact not only on the technological process which the screw shaft secures, for instance, the mixing or transport of material, but also on the physical and chemical properties of the materials which are being handled. Due to the chemical composition or high abrasion of the handled powdered materials, we use many different structural materials for the screw shafts - stainless steel, abrasion-resistant Hardox, Brinar, CDP materials, in combination with the hard facing of the edges and surfaces of the screw flights.



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