



HYDRAULIC TRANSPORTATION OF SUSPENSIONS, PNEUMATIC TRANSPORTATION OF POWDER MATERIAL

Pumping of hydro-mixture (solid phase mixture and load-bearing fluid, including highly abrasive, high viscosity and chemically aggressive material).

We design and supply technological units for pumping ash, mash, ore mixtures, sediment and other material.

We further offer and implement the pneumatic transportation of powder material.

GENERAL PARAMETERS OF EQUIPMENT

- Transportation distance ranging from meters to kilometers
- Use of hydro-dynamic and hydro-static principles of pumping
- High working pressures (up to PN250)
- Pumping of watery, thick and paste-like mixtures
- High level of automation control
- Supply of partial technology or the complete implementation of "custom-built" business cases

WHAT WE OFFER TO THE CUSTOMER

A SUPPLY OF NEW TECHNOLOGY

- Design of technological solution, including the definition of proper parameters and operational conditions
- Project study, optimization study, (from the energy consumption, material and construction point of view, proposal of parameters of the pumped media, etc.)
- Implementation in the areas of construction, engineering, electrical, measuring and regulation, including the controlling and visualization SW

- Complete project documentation for related activities and technology, building documentation, the actual building and introductory documentation, including the related testing and quality certification of individual parts and the whole unit
- Automated operations in relation to the superior control system
- Assembly, running, individual and complex testing
- Service training, warranty and post-warranty service

B MODERNIZATION/RECONSTRUCTION OF EXISTING TECHNOLOGY

- Assessment, reconstruction, modernization of existing equipment
- Project study, optimization study (from the energy consumption, material and construction point of view, proposal of parameters of the pumped media, etc.)
- Analysis of a broken down status, including proposal of proper repairs (absorbing pressure impacts and pulsation on the existing equipment for example)
- Implementation of partial modifications, re-building or implementation of the entire investment unit