



### **Impregnating installations**

The impregnating installation is intended for impregnating products with an impregnating compound using the «vacuum pressure» technology in an automated and manual mode.

The use of vacuum pressure impregnation (VPI) is accepted by all the world leaders in mechanical engineering: Siemens, ABB, WEG, Alstom, General Electric etc. The impregnating installation increases the reliability of the product, protects it from dirt and moisture.

Impregnating installations equipment:

- automatic (hydraulic, pneumatic) system of lifting / lowering the cover of the autoclave with the function of fixation in case of emergency (pressure relief, loss of electricity)
- shutter system: screw, bayonet
- automatic drive: hydraulic, pneumatic
- autoclave, reservoir for impregnating composition can be made with induction / water heating, cooling and mixing device
- ball valves with linear electric drive
- pressure control sensors
- overpressure safety valve
- vacuum pump with vapor trap filter
- automatic process control system for the impregnation of products according to a given program based on the active components of the company Delta Electronics which allows configuration, debugging and control of the process from the operator panel.

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