

TECHNOLOGIES AND EQUIPMENT FOR THE PRODUCTION OF DRY PRODUCTS



Company "VZDUCHOTORG, spol. s r.o." is a supplier of technologies, complex technical solutions and equipment in the field of processing and production of dry products. Based on our own technological solutions, we introduce highly efficient technologies for the production of dry products and ingredients in dairy, food and industrial production, providing a wide range and consistently high-quality of finished products on the most favorable terms.



The company "VZDUCHOTORG" offers

PRODUCTION TECHNOLOGIES

- Dry dairy products: milk, whey, lactose, protein concentrates and others
- Dry food products: flavors, protein concentrates, maltodextrins and others
- Dry microbiological products
- Dry industrial organic and inorganic concentrates, powders

EQUIPMENT AND SOLUTIONS

- Drying equipment
- Vacuum evaporators
- Pretreatment plants
- Filtration units - membrane
- Modernization of operating dryers and vacuum evaporators
- Complex technological solutions

DRYING EQUIPMENT FOR LIQUID AND POWDERY MATERIALS

They are used for the production of dry products. We offer modern drying equipment of various sizes, both for laboratory and industrial applications.

The offered drying equipment is technologically energy-efficient system, where the overall operation of the components ensure the production of high-quality dry products with specified parameters and with maximum concern for the environment.

TYPES OF DRYING PLANTS

- Single-stage and multi-stage
- Spray type (disc, nozzle)
- Fluid bed dryer

EXHAUST DRYING AIR CLEANING SYSTEMS

- Cyclone
- Bag filter
- Combined type

TYPES OF PRODUCTS

- Powdered
- Crystallized
- Agglomerated
- Granular

FILLING AND PACKAGING LINES

- Automatic and semi-automatic solutions
- Control of the content of metal inclusions in finished products
- Filling in Kraft paper bags and BIG BAG
- Filling in consumer packaging
- Compliance with packaging standards for each type of dry product

MODERNIZATION OF OPERATING DRYING PLANTS

- Extension of service life
- Increase of productivity
- Reduce energy consumption
- Expansion of the range of manufactured products



VACUUM EVAPORATORS

They are used to concentrate dairy products, providing effective moisture removal with minimal impact on the product. Using thermal (TVR) or mechanical vapor recompression (MVR).

We offer modern solutions based on the process of evaporation in a vacuum environment using falling film technology with the maximum use of secondary vapor energy. Our systems are fully automated and provide a continuous evaporation process.

For operating installations, we offer complete mechanical and electrical modernization, including automation.



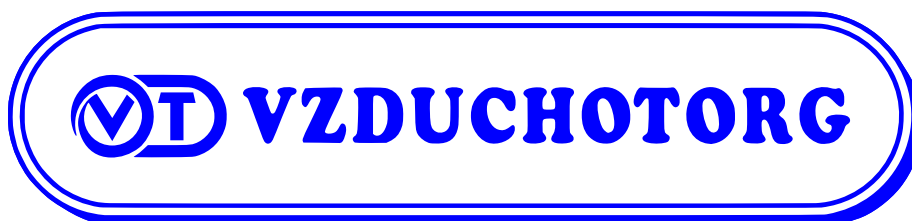
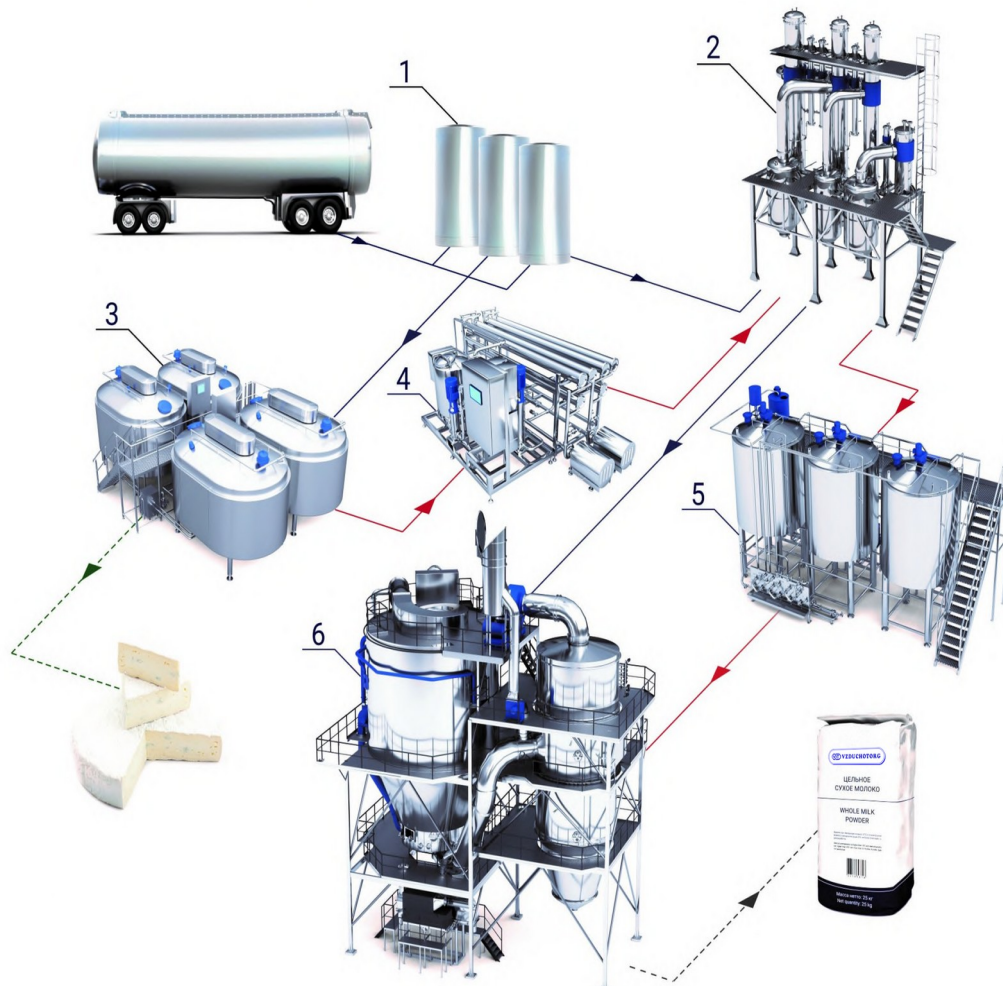
OPTIONAL EQUIPMENT

- CRYSTALLIZERS
- FILLING EQUIPMENTS
- HEAT EXCHANGERS, HEATERS
- and others



COMPLEX TECHNOLOGICAL SOLUTIONS

The company "VZDUCHOTORG" offers complex technological solutions. Starting from the feed of raw materials to the receipt of a dry product. Based on our own experience, taking into account current global trends and using progressive technological solutions, we offer a range of services, including both technologies and equipment for the production of wide range of products and their ingredients.



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