



Gekkold

INDUSTRIAL CHILLER SUPPLIER

Serve a variety of different industries and applications.
Contact Gekkold now for all your chiller needs.



100+ PROJECTS

Successfully implemented



40+ SOLUTIONS

Developed by our team



7+ SUPPLIERS

To satisfy our customer needs



30 Refrigeration experts

We are leader in flexible cooling solutions

Industrial Process Cooling Systems.

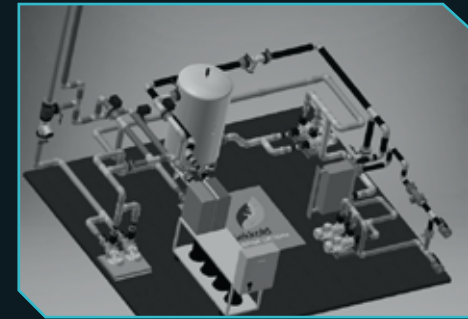
Over the years our sales and technical support teams gained an important KNOW-HOW to recommend solve any kind of application problem.

Head office, **MOSCOW**

10+ years of experience in the market, since 2012

The mission of Gekkold® is to provide an effective, high-quality dependable product line. Our mission is to serve a diverse market through customer satisfaction, reliable ideas, and flexibility.

OUR CONCEPT



Gekkold offers professional solutions for your business to control industrial cooling process

Our highly qualified engineers offer the following services:

- ▶ Development of a technical solution;
- ▶ System concept development cooling or loading of polymer raw materials;
- ▶ Development of the installation scheme of the pipeline;
- ▶ Preparation of assembly specifications components and valves;
- ▶ 3D model of the cooling system.

**Optimize your costs!
Order a technical audit of your cooling systems.**

Refrigeration equipment

Chillers

Thermostats

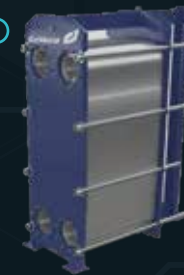
Dry coolers

Cooling towers

Heat exchangers

Pumping stations

Storage tanks



Plastics recycling

- Raw material storage systems
- Vacuum loaders
- Dispensers
- Dryers
- Mixers
- Centralized systems





Installation of cooling systems and loading of raw materials is a very responsible task, which only professionals can do. Our company has all the required skills to do it. Believing in us you will receive the highest quality services at an appropriate price.

We work without the right to make mistakes.



Our company offers a full range of services provided by highly qualified service engineers trained at manufacturing plants in Europe.

● **Warranty and post-warranty service;**

● **Repair of equipment of any complexity;**

● **Start-up and maintenance of equipment;**

● **Supervised installation;**

● **Supply of spare parts and accessories.**

When ordering cooling equipment from us, you get a guarantee of quality and the best price.

WHY WE ARE YOUR CHOICE

Full range of services



High qualification
personnel



Reliable equipment



Individual approach



WE HAVE ALREADY BEEN CHOSEN

(Kabardino-Balkarian Republic, Nartkala) - Supply of a cooling system for an evaporator station in the fruit puree production cycle.

FRUCTONI CO.

(Republic of Tatarstan, Naberezhnye Chelny) Development and supply of an integrated cooling system for mill equipment in the confectionery production cycle.

**ESSEN
PRODUCTION AG**

In cooperation with the Techno Nicol group of companies, 10 projects of cooling systems were implemented in the building materials production cycle.

TECHNO NICOLE

(Oryol region, Mtsensk) - Development and supply of a cooling system for a pasteurizer for a line for the production of fruit and vegetable puree.

MERCURY CO.

A solution was developed and a project was formed for the refrigeration section for the injection molding machine park for the production of polymer products. The delivery of refrigeration and pumping equipment with a centralized control system was also carried out. Lebedyan (Lipetsk region).

BIPLAST CO.

WE HAVE ALREADY BEEN CHOSEN

A project for the modernization of the cooling system of the data center (section XC and ACS) was developed to carry out a comprehensive modernization of the air conditioning system of office buildings with an increase in the power and energy efficiency indicators of the cooling system and increase its reliability. Solutions have been developed for integrating a new cold center dispatching system into an existing control system. Supplied 9 chillers with screw compressors with built-in free-cooling function.

SBERBANK

Three independent cooling systems were designed and installed: technological equipment in the insulin production cycle, product storage warehouse and air conditioning systems for production and administrative premises. Cooling systems are based on monoblock chillers with a cooling capacity of 200 to 350 kW. The cooling system of the technological equipment is also equipped with a dry cooler to realize energy savings in winter, while the warehouse cooling system is based on an outdoor chiller, which also provides for winter operation.

GEROPHARM

A solution was developed and equipment was supplied for two injection molding workshops. To cool the mold circuit, it is planned to supply two monoblock chillers with a capacity of 420 kW each with built-in hydraulic modules and high-pressure pumps and centrifugal fans to allow the heated air to be removed through air ducts to the production area for its heating in the winter. To cool the hydraulic circuit of the injection molding machine, it is planned to install dry coolers with an adiabatic system and circulation pumps to minimize energy consumption by 40%.

PERINT CO.

WE HAVE ALREADY BEEN CHOSEN

A turnkey system solution with a capacity of more than 1 MW has been developed and implemented. The design of the cooling system is based on closed-type evaporative cooling towers and chillers with remote condensers, a plate heat exchanger and frequency-controlled pumping stations. The equipment was supplied, the pipeline of the cooling system made of stainless steel was installed, the supplied equipment was electrified.

**BELEVSKY
CANNERY**

A cooling system based on a chiller with a free-cooling function with a capacity of 550 kW was designed. Due to the lack of free space inside the premises, the new cooling system was placed outside the premises, which also made it possible to realize energy savings. A set of works was also carried out to install the supplied equipment and the cooling system pipeline in the section from the chiller to the existing storage tank.

PENOPLEX CO.

Two chillers with a free-cooling battery (with free-cooling) for extrusion lines, heat exchange and pumping equipment with a capacity of more than 2.5 MW were delivered. This decision, due to the placement of refrigeration equipment outside the premises, made it possible to save production space as much as possible, and the use of a chiller with a free-cooling function made it possible to reduce energy costs by more than 30%.

NOVAROLL

A cooling, automation and dispatching system for the shop for growing and cutting single-crystal silicon was designed and delivered based on 3 monoblock chillers with a capacity of 1.5 MW each and 3 dry coolers to implement an energy saving system in the winter. The system takes into account unique technical solutions that ensure stable and uninterrupted operation of the cooling system.

**SOLAR SILICON
TECHNOLOGIES**

WE HAVE ALREADY BEEN CHOSEN

= An outdoor cooling system has been developed for cooling a fiber optic cable production line. A special tropical chiller was delivered for operating conditions at ambient temperatures up to +50°C.

**INCAB PLANT
USA, TEXAS**

A supply and exhaust ventilation system with adiabatic humidification sections has been developed. Refrigeration systems based on air-cooled chillers and scroll compressors. All chillers are equipped with hydraulic modules and soundproofed compressors. Supply and commissioning of air treatment systems based on Gekko Lite ventilation units with built-in nozzle sections and refrigeration systems based on 10 chillers with a total cooling capacity of 1 MW.

**CONCERT HALL
PHILHARMONIC 2**

Development of a solution for the cooling system of research laboratories in the field of nano-, bio-, information, cognitive sciences and technologies. To develop a cooling system for synchrotron and neutron radiation equipment, as well as to maintain a constant cooling temperature of the synchrotron radiation source, a neutron source based on the IR-8 reactor. The laboratory cooling system was developed and designed using a system of chillers with air-cooled condenser with free-cooling mode, as well as a precision cooling system for the reactor using specialized chillers for laser technologies. Supply of air-cooled chillers based on scroll compressors in the amount of 5 units, chillers with a remote condenser based on screw compressors, chillers with water-cooled condenser, as well as chillers for precision cooling of the reactor. Additionally, hydraulic modules and intermediate heat exchangers were supplied. The total cooling capacity of the supplied equipment is 2.5 MW. Start-up and adjustment works have been carried out.

**KURCHATOV
INSTITUTE**

Stock/Standard, Customizable Platforms, and OEM Custom Designs
Indoor, Outdoor, and Low Temperature Models
Air-cooled or Water-cooled Condensers
Modular and Redundant Options
Fluid and Voltage Options
Service and Parts Support



Gekkold
From idea to solution

<https://gekkoldprom.com>