



ПАСОЛЬСТВА  
РЭСПУБЛІКІ БЕЛАРУСЬ  
У ІСЛАМСКАЙ РЭСПУБЛІЦЫ  
ПАКІСТАН

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03.08.2023 № 02-05/440/2  
На № \_\_\_\_\_ ад \_\_\_\_\_

EMBASSY  
OF THE REPUBLIC OF  
BELARUS IN THE ISLAMIC  
REPUBLIC OF PAKISTAN

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Mr. Zahid Anwar  
Chairman

The Pakistan Agriculture &  
Dairy Farmers Association

Subject: On the milking farm  
equipment manufacturer

Dear Mr Chairman,

It is a great pleasure for the Belarusian Diplomatic Mission in Pakistan and for me personally to get in touch with you.

Huge Belarusian producer of **milking farm equipment** OJSC "Gomelagrokomplekt" is looking for opportunity to establish long-term partnership with Pakistani companies from dairy farming sector.

Taking into account of the fast-growing dairy sector of Pakistan and its necessity in high quality milking equipment likewise produced by the named above Belarusian company the Embassy would appreciate the PADFA to assist in circulating enclosed information throughout members for mutually beneficial cooperation. Looking forward to receive your kind response at the earliest possible.

For coordination on the subject, Mr. Ilya Kanapliou, Trade Counsellor of the Embassy, will be available on the phones: land line: 051-230-79-10, cell 0300 054 02 82 and e-mail: pakistan@mfa.gov.by.

I avail myself of this opportunity to convey to you, Mr Chairman, wishes of good health and every success at your activities.

Encl.: 4 pages.

Yours sincerely,

Charge d'Affaires



Ilya Kanapliou

003988

Рэспубліка Беларусь  
Мінсельгасхарч  
Гомельскі абласны камітэт  
па сельскай гаспадарцы і харчаванню  
Адкрытае акцыянернае таварыства  
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Гомельский областной комитет  
по сельскому хозяйству и продовольствию  
Открытое акционерное общество

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Dated 01.08.2023

No. no number

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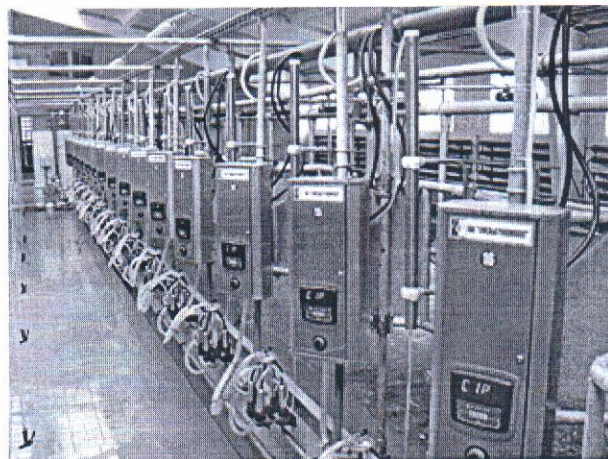
dated \_\_\_\_\_

In order to further develop trade and economic cooperation with the Islamic Republic of Pakistan, OJSC "Gomelagrokomplekt" gladly provides you information on the equipment produced at our enterprise.

**Herringbone and Rapid-exit Herringbone milking plants** are the most popular types of milking parlors with free-stall housing of cows:

- good ergonomics of service personnel work;
- high performance;
- possibility of equipping with automation systems, including measurement of milk flow parameters and cow identification, as well as activity and rumination detection;
- increased operator productivity, faster and more efficient milking of cows.

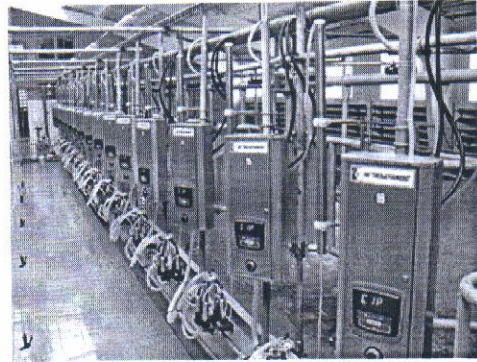
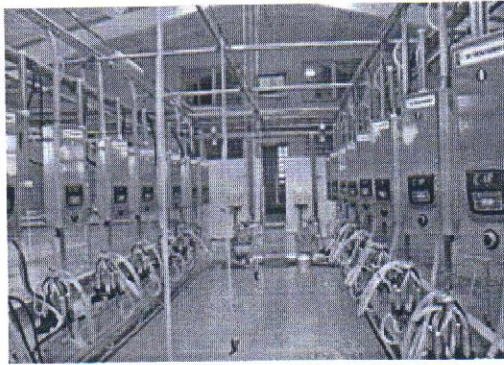
**Features and characteristics of Herringbone milking plants**



This type of milking plants is designed for machine milking on a special milking platform in the parlors with free-stall housing of cows. The milking plants assure high throughput per hour, while the milking parlor management software enables the operator to keep the record of milk yield per each cow, systematize physiological changes in the cow condition, perform calculations on a case-by-case basis, perform certification of cows. All milking parlor control system units are operated from one PC (included into the delivery set). The stalls for cows are arranged at an angle of 30° with respect to the milking trench.

The milking parlor equipment has a robust design and has no sharp angles to protect the cows from injuries. The steel structures have a hot-dip galvanized coating that provides for long-term operation in an aggressive environment. A safety board protects the milker and the cow against accidents. Reliable ladders to get down into the milking trench provide additional convenience during operation and cleaning of the milking parlor. Pneumatic entrance gate, entry and exit gates are controlled from the technological trench.

### Quick-entry Herringbone milking plant



Milking plants are intended for machine milking of cows on a special platform in the stalls arranged pairwise at an angle of  $30^\circ$  with respect to the technological pit. Simultaneous opening of the front fences (with the aid of a mechanical drive) is envisaged which provides for a rapid exit of animals out of the milking stalls.

The plants are produced in two modifications:

- without automatic computer control of the milking process – UDA;
- with automatic computer control of the milking process – UDM.

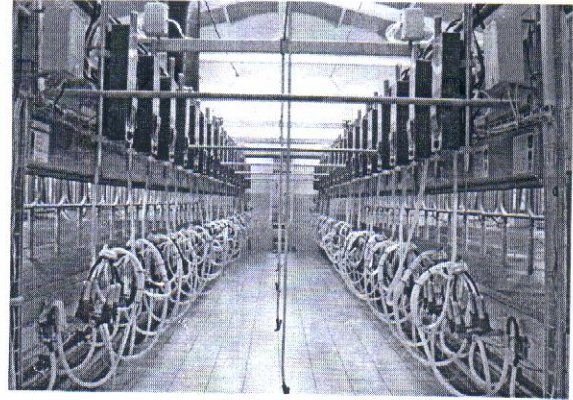
Milking plants are equipped with a computer herd management system that is designed for automated operational control over the cattle herd at dairy farms. It provides for collecting and processing the data on each cow and enables the farmers to manage the processes of cows regrouping and herd reproduction, and automatize the following tasks:

- cows separation from the herd at the operator's command;
- accounting, planning and control of milk production;
- accounting, planning and control of calving, inseminations and pregnancy testing;
- analysis of the structure and physiological condition of a herd;
- registration of the animals' admission and withdrawal.
- cow heat time detection;
- rumination determination (health monitoring).

**Parallel milking plants** assure high throughput owing to simultaneous exit (all cows on one side can leave the row at the same time after the front cage has been lowered) and the next group of cows may enter the milking points. Milking plants are intended for machine milking of cows on a special platform in the stalls arranged pairwise at an angle of  $90^\circ$  with respect to the technological pit. The plants are produced in two modifications:

- without automatic computer control of the milking process – UDA;
- with automatic computer control of the milking process – UDM.

## Parallel milking plant



The plant is equipped with advanced modules to exercise milking control at the milking post. The system has many new advanced functions: display with indications of milk yield and milk flow intensity; upgraded programs of pulsation with automatic stimulation of the udder; pulsation controlled by milk flow; automatic detachment of a milking unit at the end of milking; warning on dropping of a milking unit or low milk yield; remote programming; simple operations of the control button, etc. The control module can be configured to fit almost any requirement of the user. The cow identification is exercised by a transponder – an upgraded sensor-collar, which allows (along with the identification of a cow) to determine its heat time and activity of chewing process. The herd management system "DataFlow" is used for integrated management of a herd and the process of milking, which includes a number of electronic modules and Windows-based software.

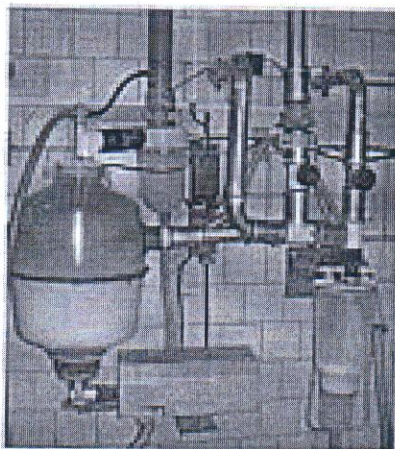
Depending on the number of cows milked at the same time and based on the needs of the customer, Herringbone and Parallel milking plants may have different combinations: from 2x6 to 2x24 (number of milking plants), number of milked cows - from 200 to 1100.

### Milking plants with a milk line

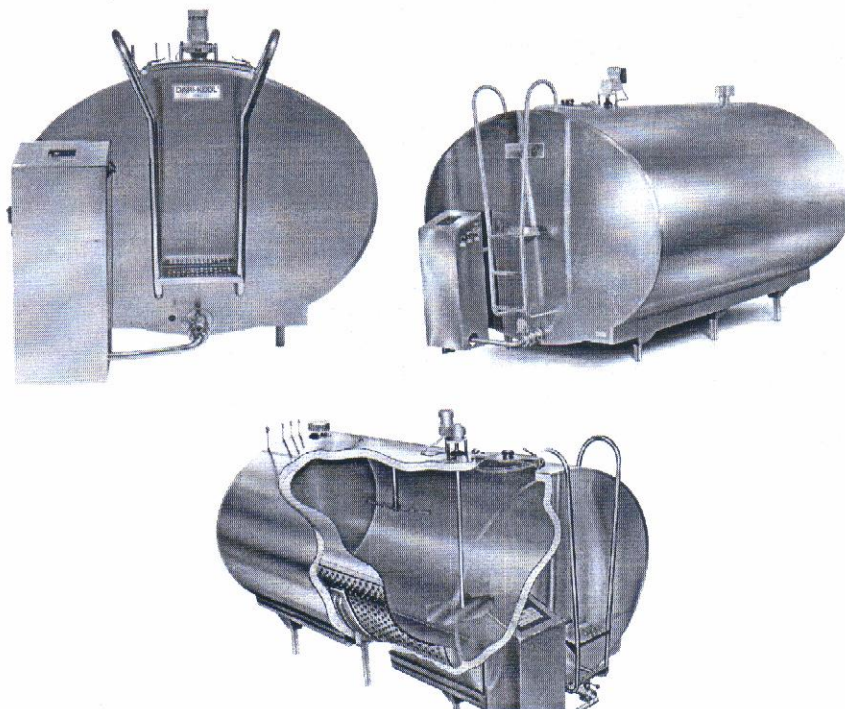
Machine milking plants for stall housing are available in configurations for 100 and 200 cows.

**Milking Plants ADSN** (100 cows, milking is exercised into a stainless steel milk line Ø52 mm);

**Milking Plants 2ADSN** (200 cows, milking is exercised into a stainless steel milk line Ø52 mm);



## Milk Cooling Tank



Milk cooling tank is a food-grade stainless steel vessel with an evaporator inside. The equipment provides for cooling of the milk after milking to a temperature below  $+4^{\circ}\text{C}$ , its storage at this temperature, as well as automatic washing of the milk container after milk has been discharged.

**Produced modifications - volume from 1 to 40 tons.**

Besides, OJSC "Gomelagrokomplekt" produces sets of stall equipment for free-stall housing of cows.

Please visit our website [www.gomelagro.com](http://www.gomelagro.com) to get more information on our products.

We look forward to establish mutually beneficial and fruitful cooperation and, in case of interest, we are ready to provide a commercial offer for the requested equipment.

Best regards,

V.M. Babichev  
General Director