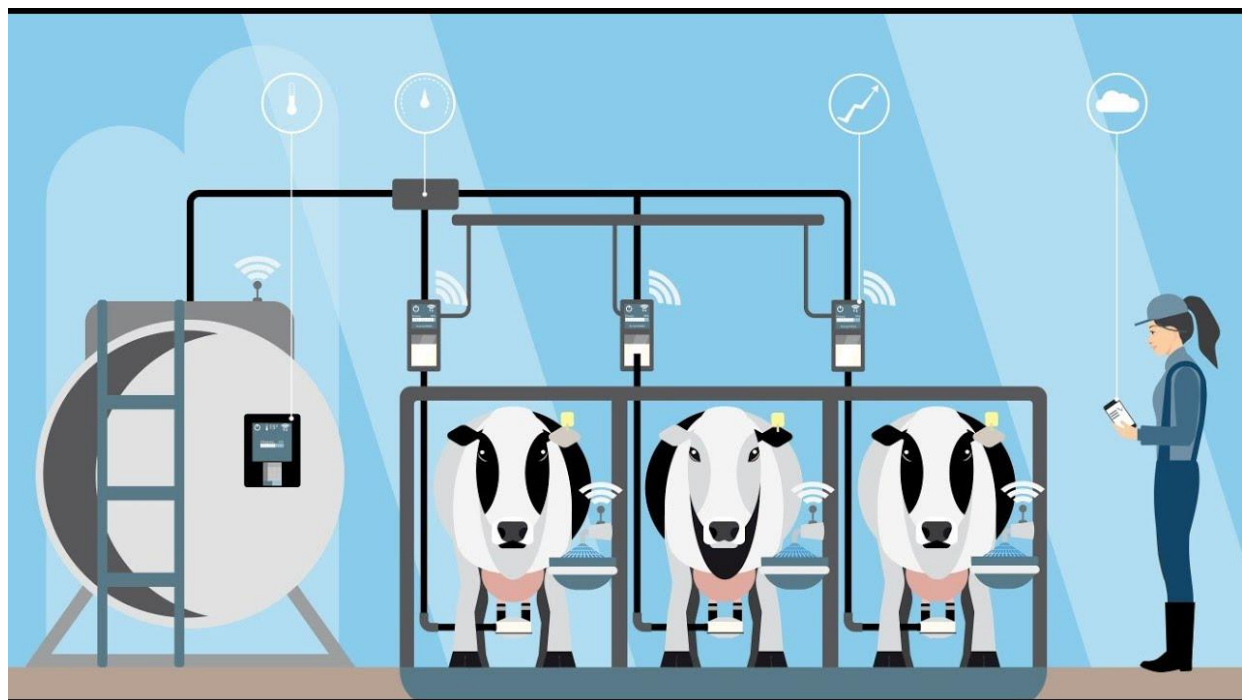




ISRAEL EXPORT INSTITUTE

# Dairy





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The Israel Export and International Cooperation Institute (IEICI) is your premier gateway for doing business with Israeli companies. Established and funded by the government and the private sector, IEICI's expertise in technology and product scouting, joint ventures and strategic alliances with Israeli companies spans more than half a century. With expertise in Israel's leading Industries, IEICI offers access to relevant businesses and government resources and provides the information you need to connect, negotiate and do business.

This catalog demonstrates a sample of the Israeli abilities and know-how of the thriving Agro-technology sector, and as IEICI has an intimate acquaintance with the Israeli exporters, we are here to support and integrate you into this growing industry.

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## Dairy Equipment and Packing Machines

<http://abl-tech.com/>

ABL Technologies provides solutions for dairy farms and manufactures ice cream machines, dairy processing equipment, meat processing machines, vegetable processing equipment, fruit processing equipment, and packing machinery.

ABL Technologies also represents international companies specializing in processing technologies and packing equipment.



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## Computerized Dairy Farm Management

[www.afimilk.com](http://www.afimilk.com)

Afimilk Ltd develops, manufactures, and markets advanced computerized systems for herd management on modern dairy farms. The company's fully integrated AfiFarm software collects, stores, analyzes, and generates reports with data about each animal.

Afimilk provides farmers with real-time information about their herds' health and fertility, milk quality, productivity, and other critical data.

Afimilk's systems are currently in use on thousands of farms in 50 countries across five continents.



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Animal Feed Producer

<https://ambar.co.il/>

Ambar Feed Mills produces animal feed for poultry, dairy herds, calves, sheep, and fish. In addition to its standard production line, Ambar can supply customers with products tailored to their specific requirements.

The company also makes its own vitamin premix from totally secure sources, ensuring maximum quality and reliability. Its independent production plant offers full service for Ambar feed, as well as supply services to external customers.



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## Non-antibiotic Treatment of Mastitis in Dairy Cows

<https://armentavet.com/>

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## Vitamins and Feed Additives

[www.bar-magen.com/en](http://www.bar-magen.com/en)

Bar-Magen develops, manufactures, and markets vitamin concentrates and feed additives for poultry, ruminants, fish, and other farm animals.

Bar-Magen's premix plant includes a factory, warehouse, and laboratory. The company also operates an analytics laboratory that performs a variety of customary chemical analysis tests for the feed industry, and a poultry house that allows for the study and evaluation of feed additives and new veterinary medicines.

Bar-Magen operates a subsidiary in Nigeria, Argo Bar-Magen Nigeria (ABMN). The company is a key supplier of feed additives to the Nigerian livestock market.



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Remote Monitoring System for Cattle, Sheep, and Goats [www.cattle-watch.com](http://www.cattle-watch.com)

CattleWatch has developed a remote monitoring system that tracks the location and health of cattle, sheep, and goats and provides theft warnings, even in very large, remote grazing areas without cellular coverage. The system can help ranchers increase yields by as much as 25% and reduce operational costs by up to 15%.

The CattleWatch system is based on different types of electronic collars. Every few minutes, the system provides updates to the rancher's PC or smartphone about the animals' health, location, and behavior, registering activities such as walking, resting, or grazing, as well as water consumption, whether an animal is in heat, and other health data. It also provides location, geofence, and theft-warning alerts directly to the rancher's cellular device.

CattleWatch uses an iridium and Inmarsat satellite management system, with 100% worldwide coverage, that is suitable for long-term operation in rough terrain and all weather conditions.

The company has also developed drones that are used for the initial inspection of what happens in the herd. The drones can be sent to gather information on a specific event, with pictures and videos automatically sent to the rancher's PC or smartphone.





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## Dairy Management Systems

[www.engs-dairy.com](http://www.engs-dairy.com)

ENG Systems develops and delivers technological solutions for the dairy industry. The company uses management software to transfer data to the customer in real time, upgrade daily operations, enhance working efficiency, and reduce costs for all farm types, management teams, and herd sizes.

ENG offers several products in the areas of heat detection, milking management, portable watch IDs, animal welfare, and turnkey projects, and its solutions are fully compliant with official industry standards. The company's goal is to improve the overall dairy management process and to create a daily routine of ease, accuracy, efficiency, profitability, and control for farmers.



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## Fly Control System for Dairy Farms

[www.flyfree.co/](http://www.flyfree.co/)

FlyFree is developing an ecological pest control system that stop flies' lifecycle before it begins by projecting a precise wavelength on the ground.



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## Genetic Improvement of Dairy Herds

[www.maxximilk.com](http://www.maxximilk.com)

Maxximilk aims to help dairy farmers dramatically boost their profitability through the transfer of pedigree embryos for increased milk yields. The company produces in-vitro, ready-to-transfer pedigree embryos whose genetic material is derived from professionally inbred cows with average annual milk yields of 11.5 tons. With Maxximilk, dairy farmers can bypass decades-long breeding programs and acquire new herds of champion milk-producing cows in 32 months.



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## Dairy Equipment and processing

[www.mgt.co.il](http://www.mgt.co.il)

MGT Liquid & Process Systems specializes in the design and manufacture of custom stainless steel tanks mixing systems, road tankers and process solutions for the pharmaceutical, cosmetic, food, chemical, ink and paint industries.

Our systems have been installed at facilities around the world for well-known brands in diverse industries.

We take great pride in our ability to adjust to each customer's specific project requirements and demands. We are a high-value supplier, one that combines expertise with innovative engineering, to produce high-quality solutions to meet the needs of our customers.



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Antibiotic Replacement Drugs for Human and Animal Health

[www.mileutis.com](http://www.mileutis.com)

Mileutis is a clinical-stage company that is developing and commercializing natural peptides for animal and human health. Mileutis uses its platform to develop novel, protein-based therapeutics, acting independently and through strategic partnerships with biopharmaceutical companies.

The company's biopharmaceutical products are focused on chronic and infectious diseases, with the goal of enabling significant reductions in antibiotic use in human and animal health management. In the veterinary market, Mileutis is developing drugs for subclinical mastitis and acute metritis. The company's human health products involve bioactive peptides derived from milk proteins.



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## Fully Automating The Milking Process

<http://mirobot.co.il/>

miRobot is an innovative add-on robotic solution that automates the complete milking procedure (pre and post), integrating with your existing milking system to bring full automation to the milk parlor.

The miRobot innovative technology allows farmers to milk stall simultaneously, with only one supervisor overseeing the whole parlor. The results are reduced labor costs, shortened milking sessions which in turn increase parlor capacity; and improved milk quality, yield, and cow health.

The miRobot technology will be fit into every type of parlor, stall, and milking system. The solution is compact, highly durable, and extremely easy to integrate and operate, making it a cost-effective solution for milking parlors of every size.



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Remote Cattle-monitoring System

[www.moonitorcows.com](http://www.moonitorcows.com)

MOOnitor has developed a system to remotely monitor grazing beef cows and transfer the information to the rancher's smartphone or computer. The system uses field collars mounted on each cow's neck that track the animal's activity 24/7 using an inertial sensor. Activity is classified as resting, grazing, or walking, and a daily summary is sent via satellite to a herd-management system (HMS).

The HMS uses algorithms to analyze the collected data at the level of both an individual cow and the whole herd. Using this information, the system can detect reproductive events as well as any issues involving health, nutrition, or wellbeing while also measuring changes in forage availability and quality.



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Cattle Feed Machinery and Feed-management Technology

[www.rmhmixer.com](http://www.rmhmixer.com)

RMH Lachish Industries develops, manufactures, and markets cattle-feeding machinery and total mixed ration feed-management technologies. The company's mixers range in size from 3 to 50 cubic meters. The company invented a self-propelled, self-loading mixer machine in 1981.

RMH's products are distributed to small and large dairy farms, feed centers, cattle-feeding contractors, and cattle cooperatives in different parts of the world.





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Dairy Machine Manufacturer

[www.tessadm.com](http://www.tessadm.com)

Tessa Dairy Machinery designs and manufactures a variety of custom-made processing plants for facilities ranging in scale from small dairy farms to large cooperative dairy plants.

Fresh milk, milk powder, and skimmed milk can all be processed on Tessa's mini-dairy lines, which are designed to transform raw materials into products such as pasteurized milk, yogurt, cream, sour cream, cottage cheese, and butter.

The lines are fully equipped with everything needed for a full production cycle, including equipment for receiving and cooling milk, pasteurization, separation, fermentation, and packing finished products. The lines also include all necessary auxiliary units and equipment such as pumps, filters, pipes and valves, and communication and interface components.

Tessa also makes canning lines, automatic lines that manufacture and package fruit juice, and machinery that can process fruits and vegetables into food items such as jams and mashed potatoes.



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## Cow Monitoring and Milking Systems [www.scrdairy.com](http://www.scrdairy.com)

SCR Engineers designs, produces, and manufactures electronic collar tags, milk measurement devices, and multidisciplinary systems related to the dairy industry. SCR's cow-monitoring systems collect and analyze critical data points, from activity to rumination, for each individual cow, delivering heat, health, and nutrition insights to farmers.

The company's milking solutions include milk measurement technologies designed to simplify and streamline the milking process. SCR's herd management product offers a comprehensive system for controlling both milking and cow monitoring.



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Artificial Insemination and Breeding of Dairy Cows

[www.sion-israel.com/english/](http://www.sion-israel.com/english/)

SION artificially inseminates and breeds dairy cows. The company's breeding program creates a productive Holstein cow that is small and efficient with longevity, persistence, and fertility. The breed has been successful in suboptimal climates around the world.

The company's services include supplying high-quality bull semen, genetic consultation, recommendations for breeding procedures, courses and training sessions on artificial insemination skills, and a variety of other professional services.



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**StePac**  
Johnson Matthey  
Inspiring science, enhancing life

## Modified Humidity Packaging for Produce

[www.stepac.com](http://www.stepac.com)

StePac develops and manufactures high-quality, precision-engineered modified atmosphere/modified humidity (MA/MH) packaging for fresh produce. Tailor-made for each specific type of vegetable, fruit, or herb, StePac ensures an extended shelf life while maintaining the freshness, flavor, and nutritional value of produce.

The polymers of the company's Xtend MA/MH packaging are engineered to allow the produce inside the bag to equilibrate within the specific range of O<sub>2</sub> and CO<sub>2</sub> concentrations required by the particular fruit or vegetable. Xtend slows senescence (aging), maintains the nutritional value and flavor of produce, reduces decay, preserves firmness, and prevents shriveling.

StePac also manufactures CARERITE sterilization packaging, a line of infection-control barrier films and sterilization bags designed for medical, dental, and veterinary clinics.



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## Wastewater Treatment for Dairy Farms

[www.tevetwater.com](http://www.tevetwater.com)

Tevet Water Technologies Ltd helps to mediate dairy farm wastewater pollution by providing an economical, fully automatic wastewater treatment facility. The facility is relatively small and includes a container and several water tanks. The system's underlying patent-pending technology is based on classical flocculation and coagulation techniques.