

Milkplan



SHEEP & GOAT FARMING
EQUIPMENT

MILKPLAN

We nurture ethical livestock farming: Sustainable, efficient, profitable.

Milkplan manufactures with conscience as its primary material. Our products serve their user, protect them, and stand the test of time. Tailored to the principles of human ergonomics, and featuring automation for optimal functionality and performance, Milkplan's tools exist to improve the farmer's life and conditions on their farm. Just the way they know, just the way they need them.



Since our founding in 1997 until today, one principle defines us: At Milkplan, we care about livestock farmers prospering in their homeland. We envision families living close to nature, farm animals being healthy and happy, our food being of better quality, and the population being fed sufficiently.

We recognize the value of traditional knowledge and bring it up to date. For us, human care is a priority, which we pursue by investing in detail and modern technology. We understand the daily challenges, and that is why we offer automated systems to the market that enable the farmer working with us to grow. Knowing what support means, we make sure to be by your side all year round. Our goal is to contribute to the creation of a strong new generation of livestock farmers by building sustainable and profitable practices.

Since the day our company was founded, our ethos has been consistently defined by reliability and adaptability. This is how we manufacture modern milk cooling and livestock equipment that serves the life of the farmer.

With respect for people, animals, and the environment, we nurture the ever-growing farming.

NURTURING

EVER-GROWING FARMING



With advanced industrial know-how and a certified production process, Milkplan provides integrated solutions for the farm that aims to profit, grow, and prosper.

For us, livestock farming is a field of action that must evolve, just like its people and its animals—the valuable capital of every livestock unit that yields a high-quality final product. Our years of experience ensure we have the ability to understand challenges and recognize the prerequisites for farm prosperity.

Our equipment is an ally for sustainability in durable livestock farming. Robust construction, ergonomic layout, smart features, flexibility, and a network of people

who provide answers and solutions 24/7 across Greece. With care and support for the farmer, this is our guarantee for livestock farming as it should and deserves to be.

Investing in our products eases daily work, reduces time required for tasks, lowers operating costs, guarantees herd safety, and offers order, organization, and peace of mind to the farm's operations.

With a new identity and a non-negotiable mission, Milkplan nurtures sustainable livestock farming with products and services that serve as the foundation for the sustainable development of Greek livestock farming.

**WITH ETHOS, CONSCIENCE, AND RESPECT
FOR THE PRINCIPLES OF LIVESTOCK FARMING,
WE MANUFACTURE PRODUCTS
THAT FORM THE FOUNDATION OF PROSPERITY
AND ANIMAL WELFARE**

Stavros Alexakis, Sheep Farmer, Cheesemaker, Agrinio, Aitolokarnania

**WITH MILKPLAN WE SAVED TIME,
IMPROVED THE QUALITY OF MILK,
AND INCREASED OUR PRODUCTION.
MILKPLAN GAVE US EVERYTHING**

**TOP-QUALITY PRODUCTS,
REASONABLE PRICES, AND A SALES TEAM
THAT SUPPORTS ME EVERY STEP OF THE WAY.
I AM PARTICULARLY SATISFIED
WITH MILKPLAN'S
PERSONALIZED SERVICE**

Sylvain Lazzarelli, Sarl Alphatraite, France.



As a leading force in sheep and goat equipment and with many years of experience in managing animal temperament, Milkplan holistically supports their quality of life and productivity.

By focusing on manufacturing excellence, durability and ergonomics, our equipment contributes to increasing profitability, reducing labor time, wear and overall costs.

Our long presence in livestock farming has provided us with knowledge and experience. The diverse requirements of each farm are met with Milkplan's sheep and goat farming equipment, which is designed to bring sustainability to today's livestock farms.

Our team provides consulting services, and direct technical support throughout Mainland Greece for the optimal layout and configuration of the stable, supporting the smooth operation and efficiency of each unit.

(ETHICS)

(KNOWLEDGE)

(STRATEGY)

WE LEAD THE SHEEP & GOAT EQUIPMENT SECTOR WITH EXPERIENCE IN THE CONSTRUCTION AND ANIMAL CONTRADICTION. THIS IS HOW WE STRUCTURE TODAY'S LIVESTOCK FARMING

(ASSURANCE)

(DEDICATED SERVICE)

(PRECISION ENGINEERING)

As a leading force in sheep and goat equipment, we cover the needs of producers across Greece, the Mediterranean, the Balkans, the Middle East, and Asia, offering optimal value for money.

Featuring automation and smart functionalities, Milkplan's sheep and goat farming equipment is an investment for timely feeding, optimal hygiene, and seamless production in every barn.

Our commitment is 24/7. We stand by our farmers every day, every hour, ready to resolve any equipment failure or barn issue with consistency, speed, and full responsibility.

By seeking technological solutions in partnership with the world's leading industry and robotics houses, we manufacture tools for sustainable, high-quality, and profitable farming.



MP Armektron F4A
MP Rotary S&G
MP Armektron Mobile
MP Armektron Easy Set Up
MP Armektron Standard

*SHEEP & GOAT FARMING
EQUIPMENT*

Barn equipment

MP Feeding Belt
Weaning machine
Grass troughs
Water troughs
Brushes
MP Trolley



MP Armektron F4A

Available in configurations
from 1x8 to 2x60

Stall structure

Rotating Individual dividing gates with automatic latches

Single feed trough 0.03m³ / milking stall

Stainless steel individual feeding troughs

Manual or pneumatic side entry gates

Pneumatically operated trapping keys with a safety switch

Equipment

Teat cups and milk claws are compliant with international ISO standards

Milk receiver from 40-120L, milk pump three-phase or single-phase up to 2 hp, and a 620mm stainless steel milk filter for direct and efficient filtration before storage in the cooling tank

Milk and wash pipelines made of stainless non-magnetic steel AISI 304 (DIN 1.4301)

Electronic waterproof PCB pulsators

Lubricated vacuum pump unit (CKB46) up to 3500L with silencer and precision regulator

MP Nautilus Inverter 2.2kW to 15kW MP Armektron Ultra Washing System

Electronic milk metering, easy connection with identification and management systems



The MP Armektron F4A fast exit goat and sheep milking system series is the ideal solution for medium and large goat or sheep farms that prioritize speed, maximum performance, ease of cleaning, reduction of operating costs, and a professional appearance.

This milking parlor provides particularly significant benefits to the farmer as it is built for 24-hour operation, reduces animal entry and exit time, requires a smaller building footprint (or less building volume), and can be combined with the most modern milking, washing, and electronic herd management equipment.

It has reduced installation space requirements thanks to its flexible and ergonomic design, which, combined with its modern equipment, contributes excellently to facilitating and accelerating the milking process.

The ergonomic design of the trapping mechanism (or stall) and the walkway significantly speeds up animal movement and provides comfortable circulation, ensuring they are free from any risk of injury.

MP Rotary S&G

Rotary Milking Parlor
30 to 72 Stalls

Stall Structure

Swivel mechanism on a double rail with casters

Individual head locking mechanism (clamp-type) with silent operation

Start or stop the rotation pedal

Stall management panel with touch screen display

Stainless steel entry ladder to the stall area

Equipment

Feeding system for individual feeding troughs (small Silo)

MP Armektron Ultra Washing System

MP Nautilus Inverter (2.2kW to 15kW)

80L Stainless steel vacuum balance tank

Lubricated vacuum pump unit (CKB46) up to 3500L with silencer and precision regulator

Milk receiver from 40-120L, milk pump three-phase or single-phase up to 2 hp, and 620mm stainless steel milk filter for direct and efficient filtration before storage in the cooling tank

Waterproof electronic pulsator LE30

Stainless steel milk and wash lines (or pipelines)

Silicone teat cups

Electronic milk metering, easy connection with identification and management systems



The MP Rotary S&G rotary milking parlor is the ideal solution for farms with more than 800 animals, which require speed, optimal performance, ease of cleaning, and reduced operating costs.

This parlor offers particularly significant benefits to the farmer as it is built for 24-hour operation, reduces animal entry and exit time, and can be combined with the most modern milking, washing, and electronic management equipment.

Its flexible and ergonomic design facilitates milking and ensures safe and comfortable animal circulation.

MP Armektron Mobile

Transferable Milking Parlor

Platform gates with motor and wire cables

Integrated platform lighting

Plug & Play electrical board

Automatic washing with MP Armektron Ultra

Equipped with a cabin and a machine room

Capability to accommodate MP Armektron F4A or Standard milking system

The MP Armektron Mobile transferable goat and sheep milking parlor provides a functional and effective milking solution for mobile livestock units with a large number of animals. Its purpose is to streamline the milking process, ensuring that the flock's movement does not disrupt the flow of daily work and the animals' schedule, while simultaneously safeguarding their health.

It features a special design that combines the advantages of a complete milking parlor within the space of a transferable platform. It integrates a bailing/stall system with individual feeding troughs, side gates, a feed tank, an automatic feeding mechanism, teat cups and claws, a milk receiver, electronic pulsators, a vacuum unit, a washing system, and can include an electrical generator.

The MP Armektron Mobile's transfer platform can be open or closed type. The difference lies in the side walls which can be lifted to offer protection from the sun.



MP Armektron Easy Set Up

Milking equipment, stall system, and washing system as specified for the MP Armektron F4A or S4S models

This is a pre-fabricated milking platform that is installed instantly at the farm, quickly and easily, requiring no structural work on-site, such as pits, tiling, drainage, etc. Ergonomically designed to house either the F4A or Standard milking parlor, it is the ideal solution for temporary shelters or makeshift facilities.



MP Armektron Standard

Fixed-stall milking parlor
Available in sizes from
1x6 up to 2x24 stalls

Robust, hot-dip galvanized stall construction

Pipes up to 3mm thickness

Teat cups, vacuum unit, milk receiver

Stainless steel milk line pipelines

Pneumatic pulsators

The MP Armektron Standard milking parlor system meets the needs of new, small livestock units. With an affordable and ergonomic design, the Standard system delivers the milk directly to the cooling tank via the milk receiver (or collecting jar), thereby relieving the farmer of time-consuming procedures (such as bucket milking). This simultaneously improves the level of their work and the quality of the produced milk.



MP Feeding Belt

*Available in sizes from
10m up to 100m*

With individual locking keys

Distribution of 6 animals per meter

Clear belt aisle width of 700mm

Neck space opening of 150mm

With guillotine closure

Distribution of 7 animals per meter

Free access to feed

Belt operating pulleys with locking system

Hot-dip galvanized construction

Feed input for silage distributor

Stainless steel protective covers

Inverter with digital display

Belt distance measurement system

Remote control operation

Photozell for belt control (or Belt monitoring photocell)

2.2-3kW 380V 50/60Hz motor

The MP Feeding Belt, with its ergonomic and functional design, is the ideal solution for feeding goats and sheep. Available either with locking mechanisms for secure trapping during tagging or vaccination, or with a guillotine closure for fattening farms, it occupies minimal space and allows the speed to be adjusted according to the farmer's preference.



Weaning Machine

Display screen for parameters and keypad for easy adjustment

8 weaning stalls

20-30 animals per station

35kg powder tank

Feed preparation time: 2.5-3 min

Stainless steel mixer protective cover for insect protection

Stall height adjustment mechanism

Operating Power: 2.8 kW (240V) / 3.2 kW (230V) / 5.0 kW (400V)

Semi-automatic cleaning function

The new weaning machine from the German manufacturer Förster-Technik, designed for lambs, reduces the farmer's daily workload and ensures the healthy and smooth development of the young animals without complications. It offers extremely fast feed preparation and a choice of settings for heating, mixing (agitation), and dosage. Furthermore, it is easy to wash and simple to operate.



Grass Troughs

Available in two models of different weight and dimensions.
(100 and 250cm)

Suitable for installation in an walkway

Safe animal feeding is an especially crucial factor for any barn and a key priority for the farmer.

Milkplan's hay and concentrate feeding troughs stand out due to their ergonomic design, robust construction, and durability. They provide comfortable and easy access for 6 to 8 animals simultaneously and feature galvanized concentrate bowls and a solid bar for holding hay.



Water troughs

Available in sizes
1m - 1,5m - 2m - 2,5m

Clean water is an essential component for any barn and must be available in abundance in easily accessible containers designed to improve the quality of life for the flock. Milkplan water troughs incorporate a high-pressure float valve for quick refilling, a special protective cover to keep the water clean from impurities and dirt, a drain valve, an overflow pipe, and a heating element for water warmth.



Brushes

SCHURR

Electric Motor: 230 V/50 Hz

Power: 0.30 kW

Operation: Automatic start when the animal pushes it and automatic stop upon its removal

Height: Self-adjusting based on the animal's height

Brush: Special bristles (100% Nylon) with a very long lifespan that do not deteriorate with use

Speed: 60 revolutions per minute (RPM)

Weight: 110kg

The use of a scratching brush offers multiple benefits for the animals and significantly contributes to their productivity. The gentle massage, regular cleaning, and improved blood circulation enhance their well-being and increase their performance.

When selecting the appropriate brush, important parameters include the bristle quality, the brush's rotation speed, continuous and economical operation, system stability (to prevent accidents), and automatic height adjustment according to the animal's size. Additionally, at Milkplan, we emphasize the adaptability of the brush for every species of animal, ensuring it is suitable for all goat and sheep breeds.



Vacuum Pump (220V,0.75hp,220L/min) or (220V,1.5hp,350L/min) with vacuum tank

Noise reduction silencer

Milk line support arm

Lubricated vacuum pump with 1L oil container

High-quality and durable teat cups & milk line (European origin)

Precision vacuum regulator

Heavy-duty pneumatic pulsator with stainless steel cover

Dry-running Ø63 dry-type manometer

The MP S&G Milking Trolley series of portable milking systems is intended for small goat and sheep farms. They meet all milking specifications, are easily transportable, and operate almost silently to prevent fear or stress in the animals.

Available in versions for goats and sheep with a 30-liter milk receiver (plastic, stainless steel, or aluminum), they are particularly resistant to oxidation, offer low energy consumption, and are affordably priced.





Almost 30 years after our founding, we now operate two factories in Greece, employ more than 200 people, and export to over 100 countries. As a well-established business, we proceed methodically, with a clear awareness of the realities of the livestock industry, focused on the present and with a vision to impact people's lives.

(OUR GLOBAL FOOTPRINT)

Our investments in Research and Development (R&D) for new products and technologies, in collaboration with pioneers in robotics worldwide, ensure that our equipment meets the contemporary demands and challenges of today's livestock farming.

(OUR TECHNOLOGY)

With more than 1,500 milking systems and 35,000 milk cooling tanks in farms and cheese-making units worldwide, we have been categorized in the league of specialized companies in the international market and are a considerable force in the livestock sector, both in Greece and abroad.

(WORLDWIDE STANDING)

MILKPLAN BY THE FARMER'S SIDE EVERY STEP OF THE WAY

(OUR ACHIEVEMENTS)

With an export network spanning 100+ countries and a portfolio of partners both within and outside Greece, we have earned the recognition of the people in our sector. Our people, the equipment, and the robustness of Milkplan products justify every farmer's choice to invest with us.

(OUR ADAPTABILITY)

We stay informed, adopt, and adapt modern technology to the principles of livestock farming. The method of manufacturing our equipment, the materials and the technology that distinguish it, the capability for customization, and the research process we adopt are proof of the flexibility that sets us apart from the competition.

(OUR COMMITMENT)

In this alliance, with conscience toward the farmer and the animal, we co-create with ethos and know-how the modern livestock farming that nurtures and defines our common future.

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Milkplan

Γαλουχώντας την κτηνοτροφία του αύριο