



**Exceptional Quality,
Unparalleled Productivity**



Milking

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Herringbone Milking Parlour



Drawing inspiration from nature itself, Intermilk's herringbone milking parlors are designed to replicate the natural milking process, offering an unparalleled experience for both animals and operators.

Welcome to Intermilk's herringbone milking parlors, where our commitment to comfort, efficiency, and innovation is evident in every detail. By closely observing nature, we have developed a milking system that optimizes the milking process while prioritizing animal welfare.

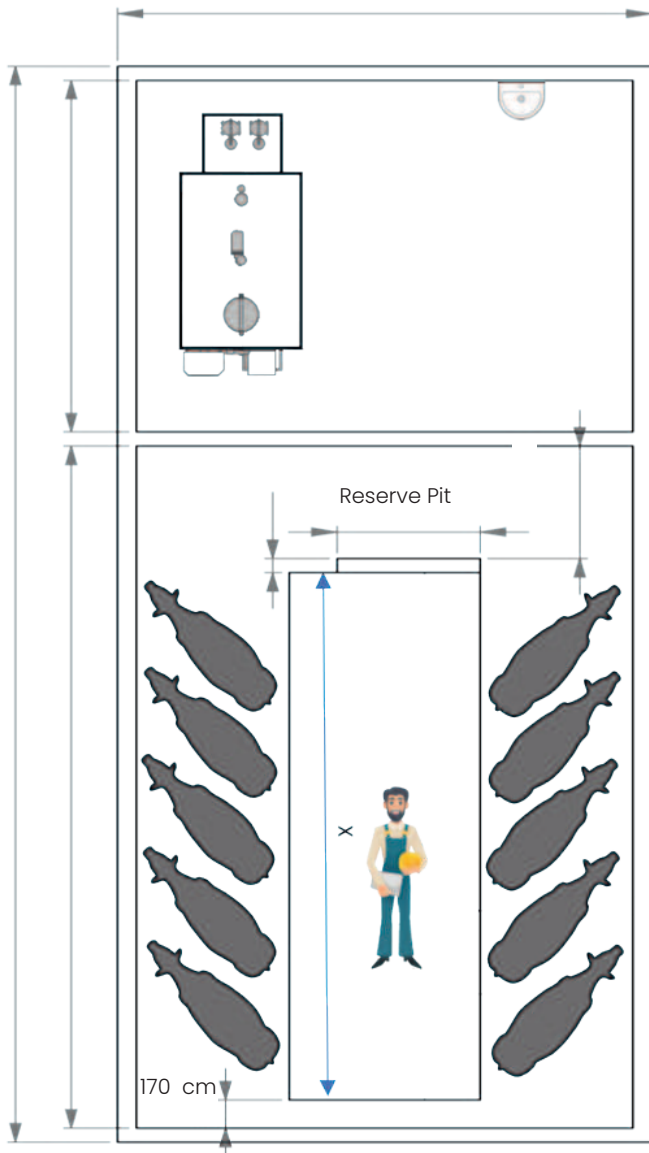
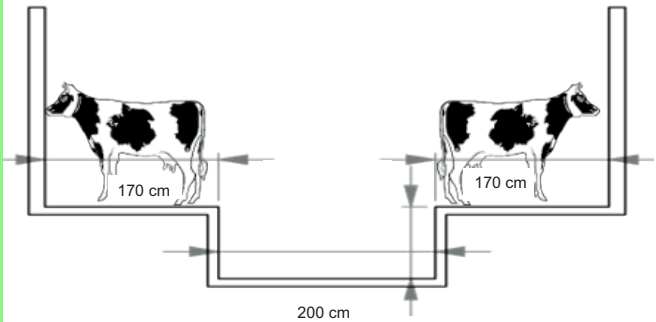
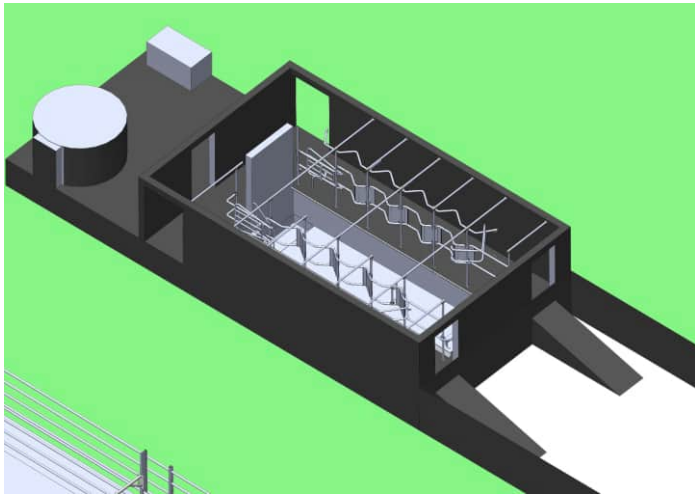
Our herringbone milking parlors position cows at a 30–45 degree angle, closely resembling the natural side-by-side stance a calf adopts when nursing from its mother. This design not only emulates the natural milking process but also ensures a stress-free and pleasant milking session for both the cow and the operator, fostering a more harmonious environment.

At Intermilk, we prioritize the safety and well-being of your animals and operators above all else. Our milking parlors are equipped with advanced technology and ergonomic design, facilitating a secure and efficient milking process. By providing a comfortable environment, we help minimize the risk of injury and stress, which can positively impact milk quality and yield.

Furthermore, our herringbone milking parlors are designed with adaptability in mind. We understand that every dairy farm has unique needs, and our flexible configurations can accommodate various herd sizes and facility layouts. This adaptability ensures that our milking parlors are a valuable investment that can grow alongside your dairy farm.



Herringbone Milking Parlour



Reserve Wall

Width	Depends on Pit Width
Thickness	20 cm
Height	180 cm

Milking Pit

Width	250 cm
Depth	90 cm
Lenght	Table 1

Milk Pump Pit

Width	60 cm
Depth	50 cm
Lenght	

Table 1

Number of Milking Units	X Lenght Minimum
1x5 & 2x5	730 cm
1x6 & 2x6	845 cm
1x7 & 2x7	960 cm
1x8 & 2x8	1075 cm
1x9 & 2x9	1190 cm
1x10 & 2x10	1305 cm
1x12 & 2x12	1535 cm
1x14 & 2x14	1765 cm
1x16 & 2x16	1995 cm
1x18 & 2x18	2225 cm
1x20 & 2x20	2455 cm

The dimensions given here are minimum and vary according to the project. Please request a project from our technical team for applications.



Parallel Rapid Exit Milking Parlor



A Parallel Rapid Exit Milking Parlor is a type of milking system where cows stand on an elevated platform in parallel rows on both sides of the milker. The unique feature of this setup is its rapid exit feature, which allows all cows to exit the parlor simultaneously, significantly reducing the time it takes to changeover between groups of cows.

Intermilk's Parallel Rapid Exit Milking Parlors, ingeniously designed to elevate milking efficiency and productivity for your dairy farm. Our high-quality milking parlors boast a distinctive design that streamlines animal traffic flow within the parlor, significantly reducing total milking time and enhancing efficiency—making it an ideal choice for high-volume milking operations.

With cows positioned at a 90-degree angle relative to the milking pit, our rapid exit milking parlors enable a swift and effortless exit from the parlor once milking is completed, courtesy of our quick-release gates. At Intermilk, the safety and comfort of your milking cows are of utmost importance to us, which is why we ensure a secure and pleasant milking session while prioritizing animal welfare.

• **High Throughput:** The primary advantage is its efficiency. This system allows for a high volume of cows to be milked in a relatively short period, making it ideal for large dairy farms.

• **Safety and Comfort for Both Operator and Cows:** The design of this parlor allows for easy access to the udder, reducing stress for the operator. The cows stand comfortably on a platform, reducing the risk of injury during milking.

• **Rapid Exit:** The rapid exit design dramatically reduces the time taken for cow changeovers. After milking, all cows can leave the parlor at once, making room for the next group more quickly than in traditional designs.

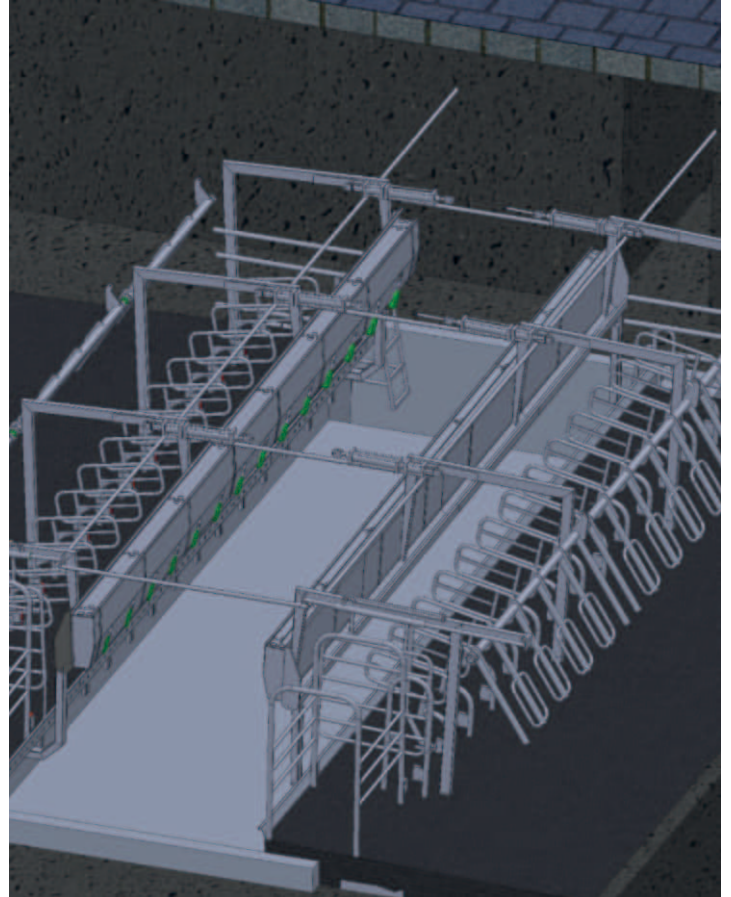
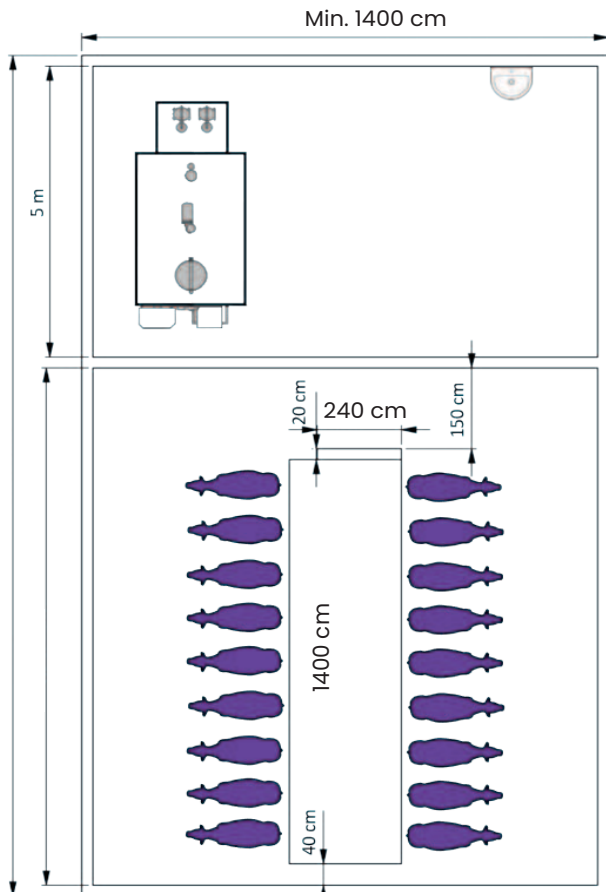
• **Better Cow Flow:** The parallel alignment and rapid exit feature promote efficient cow traffic flow, reducing the time cows spend in the parlor and increasing the time they can spend eating, drinking, or resting.

• **Sturdy and Long-lasting Design:** Every metal component within the structure is treated with a hot-dip galvanized coating, providing superior resistance against corrosion.

• **Expert Team and Comprehensive Support:** At Intermilk, we do more than just sell products. We guide you through the entire journey from concept to completion. You envisage the project, and we bring it to life, providing consistent communication and support along the way.



Parallel Rapid Exit Milking Parlor



Milking Pit

Width	300 cm
Depth	90 cm
Lenght	table 2

Milking Pit

Width	60 cm
Depth	50 cm
Lenght	200 cm

Table 2

Number of Milking Units	X Lenght Minimum
1x5 & 2x5	600 cm
1x6 & 2x6	670 cm
1x7 & 2x7	740 cm
1x8 & 2x8	810 cm
1x9 & 2x9	880 cm
1x10 & 2x10	950 cm
1x12 & 2x12	1090 cm
1x14 & 2x14	1230 cm
1x16 & 2x16	1370 cm
1x18 & 2x18	1510 cm
1x20 & 2x20	1650 cm

The dimensions given here are minimum and vary according to the project. Please request a project from our technical team for applications.



Rotary Milking Parlor



A rotary milking parlor, also known as a carousel milking parlor, is a type of milking system wherein cows are milked as they move slowly on a circular rotating platform. This type of milking parlor is designed to maximize efficiency and throughput by keeping the milking process in constant motion.

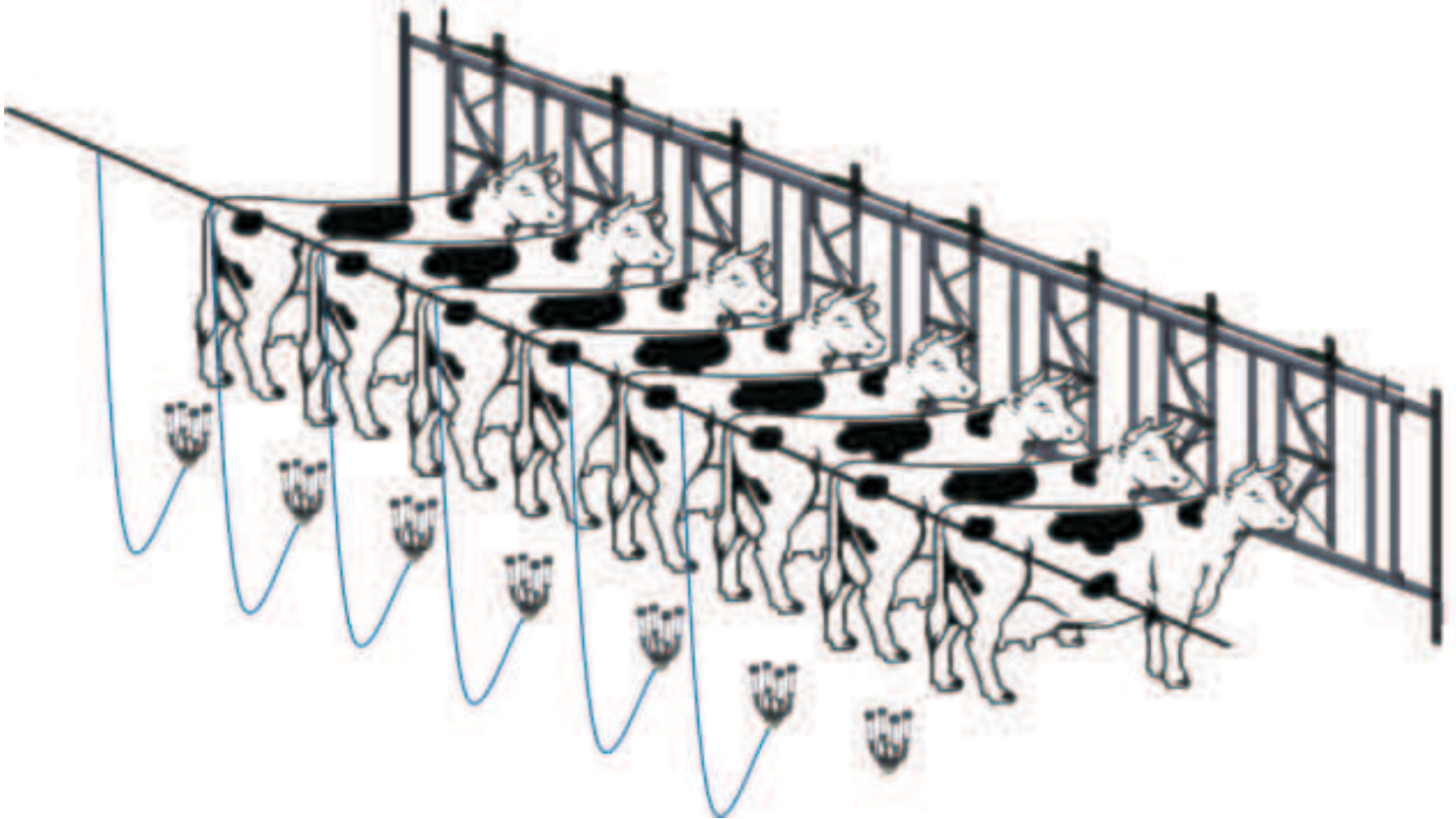
At Intermilk, we focus on understanding before designing, rigorously testing our products before bringing them to the market. Our commitment is to craft solutions that address your challenges effectively while adding value to your farm. Reducing total milking time is crucial for maintaining a consistent milking flow, enhancing productivity, and minimizing labor costs. Furthermore, it is essential for preserving the health of your animals' teats.

At Intermilk, our top priority is the health and welfare of your livestock, while simultaneously delivering value to your farm. Our rotary milking parlor is a cutting-edge and efficient milking system, featuring a large, continuously rotating platform for milking cows. This innovative design enables seamless and simultaneous milking of multiple cows, substantially improving productivity and reducing milking time. It's an ideal solution for large-scale dairy operations seeking to elevate their milking efficiency and overall profitability. Equipped with the latest technology, our rotary milking systems can be tailored to suit your farm's specific needs. Our highly experienced team will work closely with you to ensure the most favorable outcomes for your operation.

- **Increased Efficiency:** The continuous, circular movement of the rotary system allows for a constant flow of milking, reducing idle time and increasing efficiency. The cows step on to the platform at one point, get milked as they rotate, and then step off at another point. This allows for the next cow to enter as soon as the previous one leaves, facilitating a streamlined and continuous milking process.
- **High Throughput:** Rotary parlors are typically designed for large herds and can handle high volumes of cows per hour, making them ideal for large-scale dairy farms. This can greatly increase the farm's productivity.
- **Improved Cow Comfort:** The slow, steady rotation of the carousel is generally calming to the cows, reducing stress and potentially increasing milk yield. The consistent routine can also lead to better cow traffic as the cows get used to the process.
- **Labor Efficiency:** Given the automated nature of the rotary parlor, fewer workers are needed to manage the milking process. Also, since the cows are brought to the milker, rather than the milker going to each cow, labor can be more effectively utilized.
- **Consistent Milking Routine:** With the rotary system, the milking routine is consistent for every cow, which can lead to improved udder health and milk quality. It also allows the farmer to easily monitor the milking process, making it easier to spot and address any issues quickly.



Pipeline Milking Parlor



A pipeline or "tie-stall" milking system, also known as a "behind-the-lock" system, is a type of milking arrangement where the cows are milked in their individual stalls. In this setup, the milking equipment is brought directly to the cow rather than the cow being led to a separate milking parlor. Our Pipeline Milking Parlor Systems, expertly designed to deliver a centralized milking solution without requiring major alterations to your existing farm or milking parlor.

Intermilk pipeline milking parlor system enables you to milk your cows in the feeding area of your barn while they are in headlocks. The milk is then directly transferred to the storage tank via stainless steel tubes, ensuring no contact with air or the surrounding environment. At Intermilk, we offer the following advantages with this system:

- **Cow Comfort:** In a pipeline system, cows are milked in their own individual stalls where they are typically fed and rest. This means less movement and disruption for the cows, leading to increased comfort and potentially higher milk yield.
- **Efficiency:** Pipeline systems can be very efficient, especially for smaller herds. The milking process can be done rapidly as the farmer moves from cow to cow without having to move the animals themselves.
- **Flexibility:** With a pipeline system, milking can be done at any time without needing to gather the cows and move them to a separate location. This can be more convenient for the farmer and less stressful for the cows.
- **Health Monitoring:** Milking cows in their individual stalls allows for close observation of each animal, making it easier to monitor their health and detect any potential issues early.
- **Space Saving:** A pipeline system doesn't require a separate milking parlor making it construct-free, which can save space on the farm. Milking cows in their feeding area eliminates the necessity for cow traffic, making this system highly ergonomic for small-scale barns. It's the perfect choice for small scale dairy farms aiming to enhance their milking processes without making significant changes to their farm or current milking parlor.

Options

[Automatic Washing System](#)

[Elektronik Pulsation](#)

[Manual or Elektronik Milk Meter](#)

[Herd Management](#)



Milking



Terminal Unit 80LT | SA-AG80

KW	LT/MIN	Ref. Code
2,2	800	SA-VP800
3	1.100	SA-VP1100
4	1.400	SA-VP1400
5,5	1.900	SA-VP1900
7,5	2.600	SA-VP2600



SA-VREG3500



/Vacuum Gauge 100 Ø

SA-VSA100



Milk Meter Mechanic 31 LT

SA-MSO



Electronic Pulsator Interpuls

SA-EPLP



Mobile Milking Systems

6 Unit Mobile Milking Systems



Cow

Ref. Code SA-IMSP

Sheep

Ref. Code SA-KOMSP

Goat

Ref. Code SA-KEMSP



Mobile Milking Systems



A mobile milking machine is a portable, ranging from single-unit to six units device that can be easily transported and used for milking cows in various locations within a farm. This flexibility offers a range of benefits for dairy operations, particularly small-scale or diversified farms. Intermilk's Mobile Milking Systems, offers the optimal balance between cost and performance for your dairy farm investment. Our mobile milking system is designed with convenience and adaptability in mind. As a portable system that requires no construction or installation, it enables you to milk your animals on the go. Milk is stored in buckets or your chosen storage tank with appropriate modifications and can be automatically transferred to a larger cooling or storage tank. While Intermilk's mobile milking systems may appear to be a simple starting point, they offer advanced features comparable to a standalone milking parlor. Our system incorporates automatic milk transfer, automatic washing, milk filtering, and more, making it a versatile and dependable choice for your dairy farm.

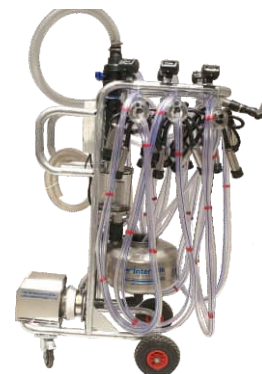
- **Portability and Flexibility:** Mobile milking machines can be moved easily around the farm, allowing farmers to milk cows in different areas as needed. This is particularly useful in rotational grazing systems or farms with scattered pastures.
- **Cost Efficiency:** Mobile milking machines tend to be less expensive than installing a permanent milking parlor, making them a cost-effective solution for small-scale dairy operations or start-up farms.
- **Ease of Use:** Most mobile milking machines are simple to operate and maintain, reducing the need for specialized training or equipment.
- **Scalability:** For growing farms, mobile milking machines provide a scalable solution. As the herd expands, additional machines can be purchased and put to use without major infrastructural changes.
- **Animal Welfare:** With mobile milking machines, cows can be milked in their familiar environments, reducing the stress that can come from transporting them to a distant milking parlor.

As Intermilk we offer a range of mobile milking machines designed to deliver these benefits, helping dairy farmers to maintain productivity and animal welfare while optimizing labor and capital resources. It's important to remember, however, that like any machinery, the effectiveness of a mobile milking machine will depend on appropriate use and regular maintenance.

Options

With Vacuum Pump				
Without Vacuum Pump		Cow		Ref. Code SA-IMS
	Milking 4 - 6 - 8	Sheep		Ref. Code SA-KOMS
	Milking 4 - 8 - 12	Goat		Ref. Code SA-KEMS

Model 1 / Model 2
Weight 220kg / 95kg





Mobile Milking Machines



Single Bucket Single Milking



Single Bucket Double Milking



Options

Cow & Sheep & Goat

Without Vacuum Balance Tank

2 & 3 Wheel

Aluminium & Stainless Steel

Silicon & Rubber Milk Liner

Plastic & Chrome Shell

190 & 220 lt/min Vacuum Pump

Mechanic Pulsator

240cc & 340cc Claw

Technical Specifications

	Single Bucket Single Milking	Single Bucket Double Milking
Width x Length x Height	40 x 75 x 75 cm	40 x 75 x 75 cm
Weight	45 kg	50 kg
20 "Container	126 Pieces	126 Pieces
40 "Container	270 Pieces	270 Pieces



Bucket Milking





Mobile Milking Machines



SingleBucket Double Milking



Double Bucket Double Milking



Options

Cow & Sheep & Goat

With Vacuum Balance Tank

Aluminium & Stainless Steel

Silicon & Rubber Milk Liner

Plastic & Chrome Shell

190 & 220 l / min Vacuum Pump

Mechanic Pulsator

240cc % 340cc Claw

Technical Specifications

	Single Bucket Double Milking	Double Bucket Double Milking
Width x Length x Height	40 x 75 x 75 cm	80 x 65 x 70cm
Weight	54 kg	65 kg
20 " Container	126 Pieces	63 Pieces
40 " Container	270 Pieces	135 Pieces



Mobile Milking Machines



Double Bucket 4 Milking

Options

Sheep & Goat
With Vacuum Balance Tank
Aluminium & Stainless Steel
Silicon & Rubber Milk Liner
Plastic & Chrome Shell
190 & 220 l / min Vacuum Pump
Mechanic Pulsator
240cc & 340cc Claw

Technical Specifications

	Double Buckets 4 Milking
Width x Length x Height	80 x 65 x 70cm
Weight	65 kg
20 " Container	63Pieces
40 " Container	135Pieces



Automated Milking



At Intermilk, we specialize in delivering profitable solutions to dairy farms through our innovative products, developed from the ground up as a result of extensive research and development. Additionally, we introduce world-class solutions and products from leading global brands to further enhance your dairy farm's operations.

To ensure efficient, healthy milking that prioritizes animal welfare and maximizes your farm's profits, we emphasize the following key features in our advanced milking systems:



Automated Milking – Standalone Milking Parlors

- **Optimal and stable vacuum control:** Our milking parlors and technologies maintain the ideal vacuum level throughout the milking process, optimizing efficiency and cow comfort.
 - **Precise and gentle, pulsating massage:** Intermilk's milking systems incorporate pulsation technology that simulates the natural milking process, providing a comfortable and stress-free experience for your cows.
 - **Smart milking, smart extraction:** Our automatic milking systems are engineered to ensure complete milk removal from the udder at the end of each milking session, promoting udder health and maximizing milk production.
 - **Intelligent milking termination:** Our technologies eliminate blind milking by automatically stopping the milking process once milk flow ceases, guaranteeing a secure and efficient milking experience.
- At Intermilk, we are dedicated to providing professional, high-quality solutions tailored to the unique needs of your dairy farm operation.



Electronic Pulsator



Milking Head



Milking Control Panel
Electronic Milk Meter



Milk Analyzer Fat,
Protein, Lactose



Automated Milking / Cluster Removal

Introducing Intermilk's Automatic Cluster Removal System, engineered to ensure safe and profitable milking while prioritizing the health and well-being of your milking cows.

Our innovative system features a milking massage technique that accelerates milk release in the animal. Over time, this massage creates a reflex, encouraging the animal to let down milk more efficiently. The massage time can be tailored to suit your specific requirements.

The system seamlessly switches to milking mode once the udder begins to release milk, operating in this mode for the duration of the milk flow. Upon completion, it automatically reverts to massage mode to confirm that milk release is finished. If milk release recurs, the system intelligently alternates between modes, repeating the process until completion. Once oscillation ceases, the system, aided by pulsators, cuts the vacuum and releases the clusters, eliminating the need for manual intervention by the operator.

Our system offers adjustable massage times and the flexibility of both manual and automatic milking features. It also allows for seamless transitioning between modes during milking and the ability to extend massage time with a single button press.

- **Increased Efficiency:** Automatic milking parlors speed up the milking process by automating certain tasks such as cluster attachment, milk metering, and detaching. This can significantly reduce milking time allowing farmers to milk more cows per hour.
 - **Labor Savings:** By automating certain tasks, Automatic parlors reduce the physical labor required in the milking process. This can help alleviate labor shortages, reduce labor costs, and make the work less physically demanding for farm workers.
 - **Consistency in Milking:** Automated elements within the system ensure that each cow is milked consistently, regardless of who is operating the equipment. This consistency can lead to improved milk yield and quality, and better udder health.
 - **Data Collection:** Automatic systems can also include data collection features, tracking milk yield and other key indicators for each cow. This data can be valuable for herd management and improving overall farm productivity.
 - **Flexibility:** Automatic systems offer a degree of flexibility. They can be a more affordable option for farmers who want to incorporate some of the benefits of automation without the significant investment required for fully automated systems like milking robots.
- At Intermilk, as said before, we prioritize the health and well-being of your milking cows while delivering an efficient and profitable milking system. Our Systems in general are designed using the most up to date technology and can be customized to meet the unique needs of your operation.





The M²erlin Automatic Milking Robot:

Revolutionizing Dairy Farming From Fullwood-Joz in partnership with Intermilk



Welcome to the Future of Dairy Farming

The M²erlin Automatic Milking Robot embodies a groundbreaking innovation in dairy farming. Designed with the farmer in mind, it combines automated technology with animal comfort to maximize productivity and efficiency, all while reducing labor costs.

With complete stainless-steel construction, unrivaled flexibility, and cutting-edge software integration, the M²erlin Milking Robot is a testament to Fullwood-Joz's commitment to excellent craftsmanship and advanced engineering. At Intermilk, we're proud to add this exceptional product to our catalogue and provide our clients with the very best in dairy farming technology.

State-of-the-art Design and Technology

Stainless Steel Construction: Durable, hygienic, and resistant to corrosion, ensuring longevity.

Flawless Flexibility: A machine that grows with your farm, with no limits to upgradeability.

Whisper-Quiet Robotic Arm: Ensures a calm milking environment for your cows, promoting increased yield.

Smart Infrared and Laser Technology: Provides impeccable teat connection and detection, unaffected by dust or manure.

Two Entrances and Exit Gates: Simplifies cow segregation, reduces labor, and increases farm efficiency.



The M²erlin Automatic Milking Robot:

Revolutionizing Dairy Farming From Fullwood-Joz in partnership with Intermilk



Why Choose M²erlin Milking Robot?

Open for Service: No more waiting for special service teams. Handle minor repairs and part replacements by yourself. Advanced Software Integration: Collaborating with Afimilk to provide superior herd management capabilities, including real-time notifications and health tracking.

No Recurring Software Costs: One-time purchase gives you unrestricted access on any device.

Unique Brush Design: Stimulates milk release and ensures cleanliness and hygiene with its automatic disinfection feature after every milking session.

Robust Support System: Just one server supports up to four M²erlin units.

Data to Decision Feature: Equips you with insightful advice and solutions, enhancing farm productivity.

Quality Milk Guarantee: M²erlin is designed to first extract and discard 9 ml of lower quality milk from each teat, ensuring only the highest quality milk is collected. This feature, coupled with the machine's routine cold wash after each milking session, guarantees quality, cleanliness, and readiness for the next cow.





Milking

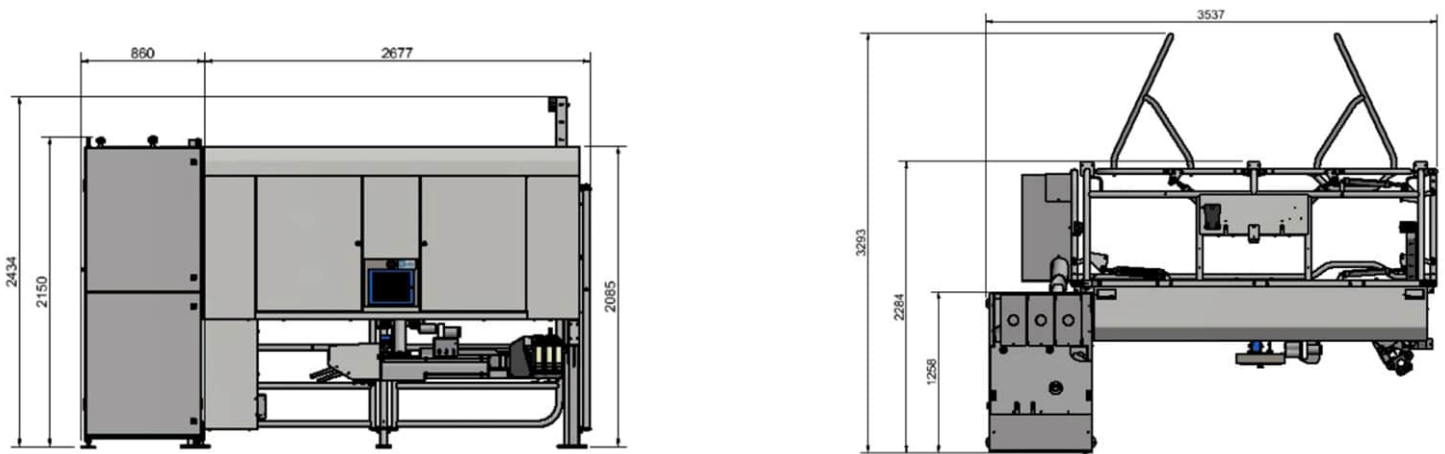
The M²erlin Automatic Milking Robot:

Revolutionizing Dairy Farming From Fullwood-Joz in partnership with Intermilk



Join the Revolution

Opt for M²erlin's revolutionary milking robot and transform your dairy farming practice. Choose efficiency, choose productivity, choose stress-free milking. For further information and consultation, contact the team at Intermilk. Let's journey into the future of dairy farming together.





Automatic Washing System

Intermilk's Automatic Washing Systems;

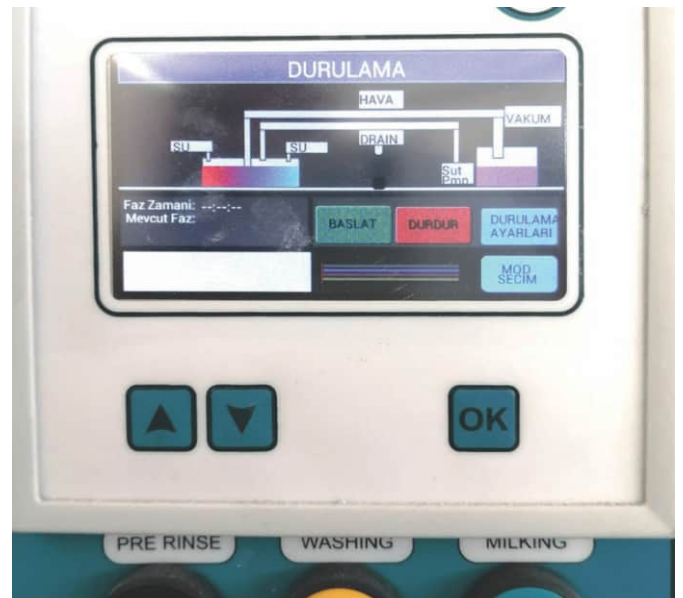
–“Expertly designed to streamline the essential process of cleaning and disinfecting milking machines after a productive milking session.”

As a farmer or farm owner, you recognize the significance of properly cleaning and disinfecting your milking machines. This process entails using an adequate amount of water, maintaining the appropriate water temperature, utilizing high-quality detergents at the correct concentration, accurately calculating washing duration, and incorporating pre-rinse, main wash, and final rinse stages in the washing cycle.

At Intermilk, we have engineered an outstanding automatic washing system that automates all these tasks with just the push of a button, ensuring a comprehensive and efficient cleaning process. Our versatile system is compatible with all milking machines in a barn and offers the following features:

- **A high-quality level sensor to monitor and maintain the correct water level**
- **A digital thermometer to continuously measure and regulate the water temperature throughout the washing session**
- **Automated detergent dispensing for optimal cleaning efficiency**
- **Adjustable parameters for washing duration, repetition, and more**
- **Ten distinct, customizable programs for a tailored washing cycle or session**
- **Air injectors for high-pressure air cleaning**
- **Comes with 3 different localization**

Designed with latest up-to-date technology, our Automatic Washing System saves you time and effort while guaranteeing that your milking machines are thoroughly cleaned and disinfected.



WE DO OUR JOB WITH PASSION





Dairy Herd Management





Dairy Herd Management

Dairy Herd Management



Afimilk: A leading company offering advanced dairy farming solutions, including cutting-edge monitoring devices and comprehensive farm management software. As Intermilk, we embark on an exciting partnership with Afimilk, reinforcing our joint commitment to offer the most efficient and high-quality solutions in herd management. Leveraging both our experienced teams, we are dedicated to maintaining leadership in the industry and serving farm owners and operators with excellence for the foreseeable future.



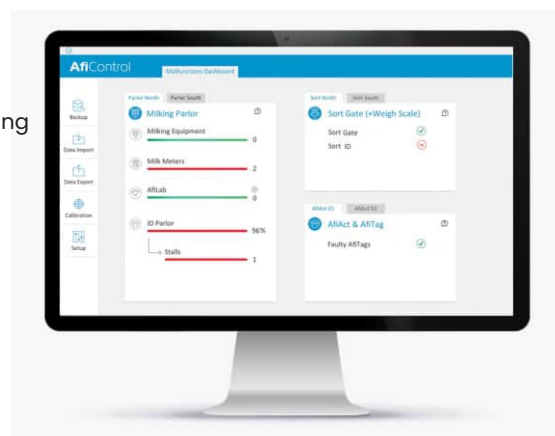
Herd Management System

AfiFarm™ 5.5 To Manage your Vital Knowhow

AfiFarm is one of the most comprehensive, scalable and flexible softwares that were ever developed for management and automation of dairy farms. With a range of newly developed tools, it is now more friendly, intuitive and powerful than ever.



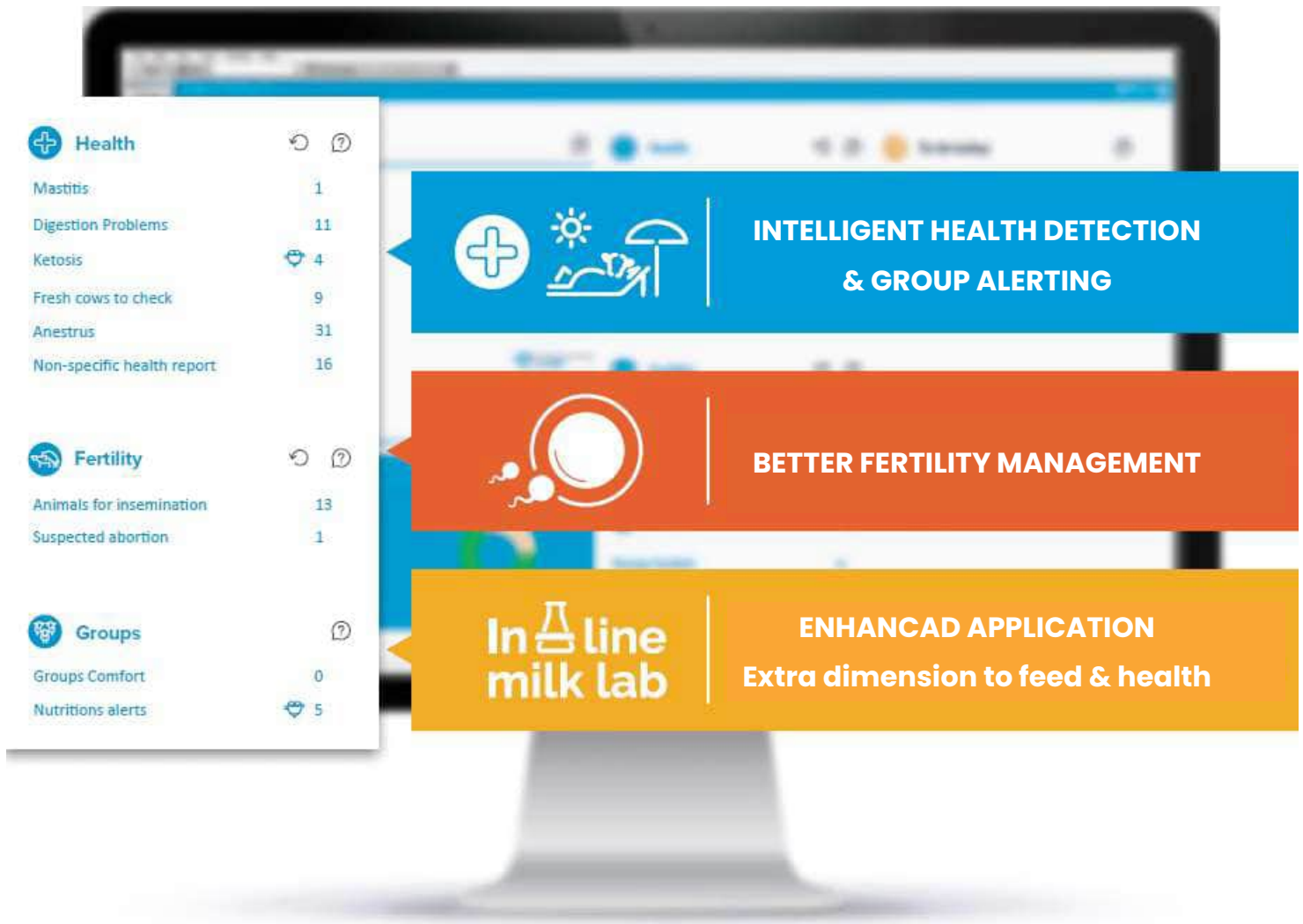
- Comprehensive health management
- AfiFarm ABC dashboard and new reports
- Detection of ketosis, mastitis, and digestion problems
- Reliable Calving Alert Service
- Group wellbeing – automatic alerts on overcrowding,
- New In-Line Milk Lab applications bedding problems, and reduced wellbeing
- Afi2Go Pro, a new mobile app
- Point-on heat detection and fertility management
- Mobile notifications for calving and heat
- Monitoring and analysis of milk production detection
- Milking efficiency analysis
- Rotary terminal with touchscreen
- Advanced animal sorting
- The best integration with DC305 on the market





Herd Management System

AfiLab and AfiAct-II enabled artificial intelligence: health, fertility and nutrition monitoring



Powerful set of new system reports developed by Afimilk experts

- Research team of mathematics and physics PhDs, cow-specialized veterinarians and leading epidemiologists
- Decision support – specific indications for diseases & conditions
- Unmatched multi-sensor analysis: milk yield, conductivity, milk components, activity and rest

Specific reports

- Suspected mastitis cows
- Suspected ketosis cows – AfiLab based detection, and risk factors (by AfiFarm)
- Fresh cows to check
- Anestrus cows
- Nutrition alerts (including SARA – Sub-Acute Ruminant Acidosis)
- Suspected abortions



Herd Management System

Afi2Go Prime 
Welcome to the Paperless Farm



Everything You Need to Know at a Glance

Make smarter management decisions while working in the field and on the go

Streamline your farm's workload with mobile management tools. You'll be able to check the status of any task for any cow using any mobile device. Customize task lists based on your role on the farm and build a clear personal dashboard for maximum flexibility in herd management.



Real-time
notifications



Interactive
Cow Card



Automated
worklists



Tasks by manager
and position

Fast and Efficient Operations

Keep track of your cows in the field as tasks are being performed

Stop shuffling around papers trying to find the status of a cow in the field. Access real time data and manage each cow from your mobile device. The Afi2GoPrime app allows for easy onsite tag assignment, set animal codes, group change, manage treatments, assess fertility status and much more.



Easy tag
assignment



Health check:
5 sec./cow



Insemination check:
5 sec./cow



Herd Management System

All Powerful Card Cow

Easy to access information to make informed decisions

Afi2Go Prime allows data to be entered or accessed in the field, eliminating visits to the office for a list or for data entry. Data collected by the app is synched real-time with the AfiFarm management software. The interactive app notifies you based on real time changes for faster handling time.



Interactive
Cow Card



Real-time
notifications

Everything You Need to Know
At a Glance.

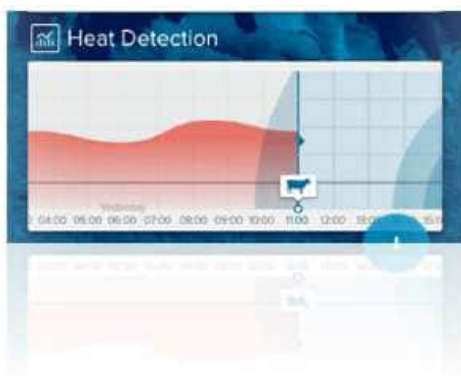
Anything You Need to Do
With a Touch.

Easy-to-access information

- Use a RFID ear tag with Bluetooth wand, or manually type her number
- Streamline work with sorted, insemination and sick lists
- Information is synched in real-time with AfiFarm

Everything you need to know

- Cow information: group, codes, milk data, insemination and pregnancy
- Cow history: treatments, events



Tasks: use lists of animals for insemination, sorting and other procedures

- Animals: set codes, move groups, sort or dry
- Treatments: vaccinations, diagnostics, drugs, hoof trimming
- Fertility: calving, pregnancy check, abortion



Herd Management System



Effective Cow Monitoring and Accurate Animal ID in a Single Package

AfiAct II Solution – Your Eyes on the Farm

The AfiAct II solution helps improve your cow pregnancy rate with accurate, time sensitive heat detection, 24/7.

The AfiAct II leg tag functions as a powerful tool for accurate identification of the cows in the milking parlor to properly assign production data to the correct animals.

The AfiAct II solution includes:

- Highly-accurate, 24/7 heat detection
- Calving alerts to your mobile phone
- Rest and animal comfort monitoring
- Wireless, long-range transmission
- Long-life battery (over 5 years)

Integrated Cow Monitoring, Parlor and Herd

Management need a decision-making tool that is fully integrated with herd management while aiding with process automation. Intelligent cow monitoring solutions will automatically send insemination lists to the sort gate with the cow in a voluntary waiting period already removed.

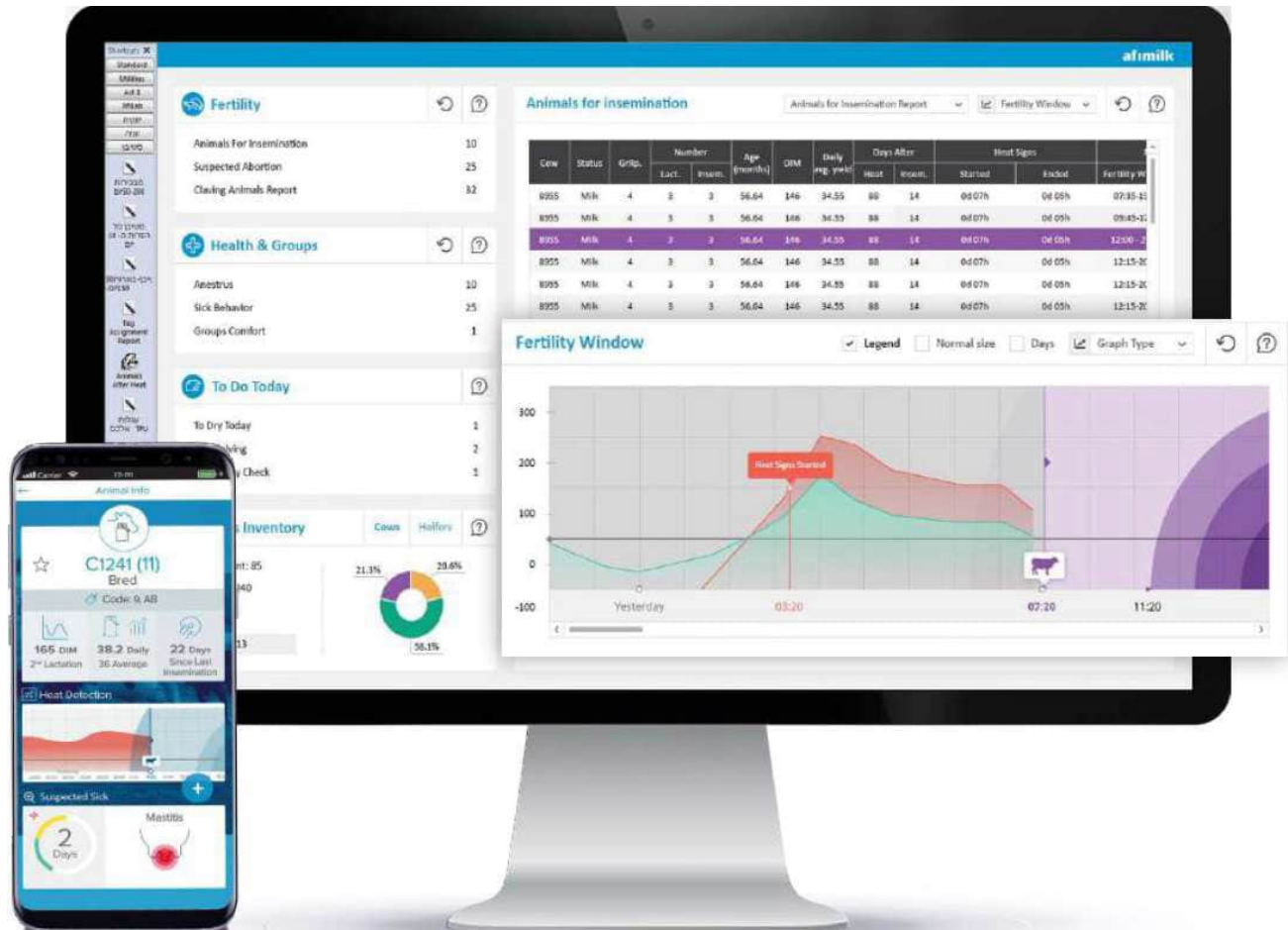
Highlights

- Milking parlor: The cow sensor is a solution for highly accurate in-stall animal ID
- The AfiAct II stand-alone heat detection provides animal behavior-based health alerts alongside accurate heat detection
- Integrated fertility management: AfiFarm software helps manage pregnancy check, abortion alerts, and insemination
- Excludes animals that could increase activity to non-heat related reasons (group change, pregnancy checks, and hoof trimming) to avoid false alerts
- Integrated animal sorting: smart sensors sort gate helps locate them. AfiFarm orchestrates it all



Herd Management System

AfiAct II Best timing for inseminations: Find out which cows to inseminate – and when



AfiFarm helps detect animals in heat, marks them for insemination, and indicates ideal insemination timing.

The ability to accurately detect the start of heat signs and calculate the ideal insemination timing is highly valuable for farms where:

- Vet visits are carried out to identify when to inseminate to improve conception rate.
- Conception risk must be determined to aid in cost- effective decisions on insemination

Calving Alert Service

Timely calving detection can make the difference between losing or saving offspring and cows. With the AfiAct II calving alert service, users receive smartphone notifications just before calving starts and in the case of prolonged calving, when intervention may be needed. The AfiAct II Calving Alert Service has been proven successful on large scale farms and is used on dozens of farms worldwide to help farmers save calves and cows every day.

Features and Benefits

- Fully integrated with Afimilk's mobile apps
- Approaching calving alerts, typically 3-4 hours prior to calving
- Prolonged calving alerts for effective intervention in distochia (difficult calving) cases

Requirements

- AfiAct II leg tags
- Reader
- WiFi connection
- Smartphone

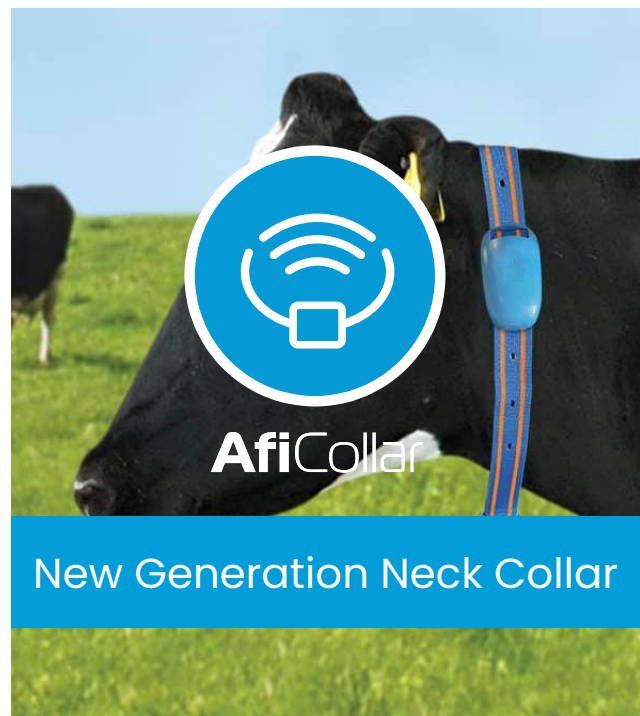


Herd Management System

AfiCollar Neck Collar

Advanced Neck Collar for Cow Monitoring!

- Accurate heat detection.
- Accurate rumination and eating time data.
- Individual cow health alerts.
- Group digestion alerts.
- 24/7 wireless detection and management.
- Battery Life – More than 5 years
- Data storage – more than 24h
- NFC – Tag ID



Accurate Heat Detection, 24/7 Identify cows for timely insemination.

AfiCollar provides accurate and time sensitive heat detection data for improving your herd's pregnancy rate. Use AfiCollar to identify which cows to inseminate and the best time for insemination. AfiCollar heat detection is also ideal for grazing cows.

Animal Behavior Monitoring

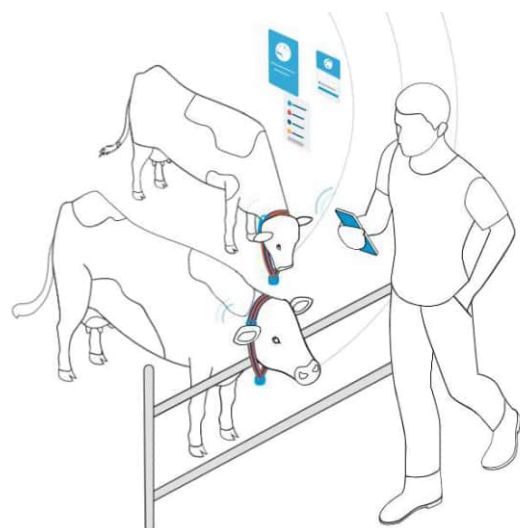
AfiCollar monitors animal behavior (rumination, eating, and motion). This information is translated by AfiFarm to provide updated, round-the-clock monitoring and warnings for groups, and individual cows.

Group Digestion Monitoring

Using the data provided by AfiCollars, AfiFarm's smart technology learns the rumination and eating patterns of the herd. Group digestion alerts are provided when changes to these patterns occur at a group level.

Afi2Go Prime AFI2GO PRIME MOBILE APP BENEFITS:

- Retrieve animal status, events and more. your mobile phone over the AfiCollar sensors
- Assign tags or codes out in the fields or sheds.
- Sort cows. All from your mobile device





Dairy Herd Management

Herd Management System

AfiAct II 

AfiTag II Pedometer – Optional

PROVIDES FIVE SOLUTIONS IN A SINGLE PACKAGE:

**Heat Detection, Animal Identification,
Calving Alert, Rest, Well Being**

AfiAct II increases your herd's pregnancy rate by providing accurate and time-sensitive heat detection. It identifies cows for insemination, and the ideal time to inseminate them.





Herd Management System



Exceptionally accurate device for milk yield and conductivity monitoring and recording

The ICAR approved Afimilk MPC Milk Meter provides full control over the milking process. Its state-of-the-art conductivity sensor is used for effective and early detection of mastitis, and to reduce the damage caused by udder disease

Heavy Duty, Long Life Span, Flexible Setup

With proper maintenance Afimilk MPC will last in your parlor for many years:

- Modular device – suitable for installation in any type or brand of milking platform.
- Control panel – sealed unit designed to withstand the wet and challenging environment of milking parlors.
- Easy cleaning – requires minimal volume of cleaning water.
- Low-cost preventive maintenance – only requires annual replacement of rubber gaskets.
- Tubing – available in either 5/8" or 7/8" inlets.
- Accessories – an array of efficient and cost-efficient vacuum shut-off valves.

MPC Features

Afimilk MPC (Milking Point Controller), milkingIt offers important features and alarms for their operation:

- Quality milking – built to provide the necessary protection against damaging vacuum fluctuations
- Cluster removal – accurate, adjustable thresholds for automatic stoppage of milking when milk flow decreases; timed vacuum closure guarantees smooth release of cluster from udder.
- Pulsation – choose basic control to configure rates and ratios, or advanced flow-controlled pulsation to automatically adjust pulsation according to milk flow.

Prevent loss of bulk milk

There is nothing more frustrating than having to throw away a whole tank due to a load of contaminated milk. Afimilk's In-Line Milk Lab is your insurance policy for preventing bulk milk contamination:

- Colostrum – can be blocked from milking.
- Milk from a cow with antibiotic treatment – can be blocked from milking
- Blood in the milk – can be detected by Afilab to quickly stop milking.

Afimilk MPC Control Panel

- Reject codes from Afifarm (colostrum/antibiotics/high SCC/blood) are used to block the milking and alert operators.
- Health code alerts may be set to indicate specific cows that require special attention or treatment.
- Animal data – cow number, milk weight and additional data displayed.
- Alerts – early kick-off, real-time mastitis detection, milking flow and vacuum fluctuations, cluster removal and pulsation.
- Software updates automatically – new software for the milk meter, via communication.





Herd Management System

Milk Point Controller

Precision Milking

Save Labor, Improve Udder Health!



Afimilk MPC is a highly advanced milk meter which collects detailed, minute-by-minute data about cluster attachments, flow rates, milking curves, and milking times. These data point, in turn, serve to assess parlor operation, procedures and milking efficiency.

AfiFarm's milking efficiency module can help you coach and monitor the parlor team and improve the way they are milking.

Besides measurement capabilities, the MPC optimally controls pulsation, stimulation, accurate cluster removal and milking time to:

- Aid in fresh cow follow-up to help you optimize the milk curve.
- Maintain a calm milking environment by alerting you to restless behavior, kick-offs, slow milk let-down and double attachments.
- Improve milking efficiency by monitoring milking times and flow rates to evaluate the quality of animal preparation for milking and milk let-down.
- Offer new pulsation and claw removal parameter options.



Herd Management System

AfiLab Milk Analyzer – Unique



AfiLab Milk Analyzer to Track Components

The AfiLab milk analyzer is installed inline, at each milking point, to measure milk components – fat, protein, and lactose – from each cow. It captures vital information for early illness detection and genetic improvement.

What Milk Components Show Us?

Feed Efficiency

AfiLab alerts you to feed problems. As feed is the most significant expense for dairy farms, optimized feed control is vital:

- Maintain optimal feed regimes.
- Identify effects of ration changes.
- Detect reduced feed quality.

Genetic Optimization

Accurate sensors automatically monitor the milk data at every milking (rather than monthly lab tests), delivering invaluable information for collecting supportive genetic data:

- Afimilk MPC ICAR approved milk meter accurately records milk yield.
- AfiLab milk analyzer – tracks and records milk components – fat and protein.

The database stores the information for every cow, for each milking, every year.

Detection of critical health problems

Fact: No one knows your milk better than Afimilk. Using the combined data of milk yield, conductivity, and milk components, we can detect diseases at the earliest stages: sub-clinical ketosis, sub-clinical mastitis, digestion problems, and more.



AfiLab
Milk Analyzer



Herd Management System

AfiLab Milk Analyzer – Unique

Mastitis Detection:

Mastitis is one of the greatest cost drivers of cow health. Early detection is vital for effective treatment, and to prevent production loss and avoid cross-contamination to healthy animals.



Mastitis
Detection

Consequences of Mastitis:

- Reduced production,
- Late detection causes chronic damage,
- Difficult impregnation,
- Major reason for involuntary culling,
- Cost estimate: \$130/year/cow.

The Afimilk solution, how does it work?

Afifarm consistently inform you of cows suspected as sick or with reduced milk production. It will also provide a list of cows with suspected mastitis. The unique combination of Afimilk's sensors, monitoring changes in milk yield, conductivity and lactose, is today's most effective tool for routine mastitis detection. It helps identify more cows, earlier.

KETOSIS — Early and Accurate Detection is Key

Ketosis or Negative Energy Balance (NEB) Defined: Fresh (post-calving) cows suffer from reduced appetite and weakness. When daily feed consumption does not meet energy needs, cows enter a state of negative energy balance, resulting in stress and increased level of ketone bodies in the blood (i.e. Ketosis). Treatment can be very effective, but detecting ketosis is tricky. For example, detection kits may show inconsistent results when applied at different times of the day. Studies show that up to 75% of the ketosis cases go unnoticed (sub-clinical).

The Afimilk Solution

Afimilk excels at early detection of ketosis. Ketotic cows present increased levels of fat in their milk, and decreased levels of protein. AfiLab milk analyzer measures milk components and Afifarm software identifies when fat-to-protein ratios surpass 1.4; a reliable indication of a ketotic cow. Milk is monitored three times daily for sensitive and accurate results.

- Ketosis damage: production impact, late pregnancies, negative selection (increased exit of high yielding cows).
- Prevalence: 25-40% of fresh cows.
- Damage cost estimate: \$400 for ketotic cows; average of \$100/year/cow



Herd Management System

Sub-Acute Ruminant Acidosis (SARA)

SARA is a temporary reduction of the rumen pH below desired values due to unbalanced feed. A low pH means poisonous gas in the rumen. Unfortunately, no SARA detection kits are available, so farmers must look for symptoms – such as changes in manure color. However, by this point, the damage is irreversible.



Damages of SARA:

- Indigestion (impact on production).
- Decreased fertility.
- Tendency to develop laminitis

SARA:
Detection

The AfiLab Solution

Using the AfiLab sensor, Afimilk monitors changes in fat components. Applied at the group level, it provides an accurate indication of SARA – encouraging early and effective treatment. Changes to feed should be investigated for groups displaying potential SARA symptoms.



Herd Management System

AFISORT & WEIGH

A Better Way To Manage Your Animals

Fetching cows from their barn for treatment is an intensive task for farm staff and a stressful event for the entire group. The AfiSort&Weigh system changes that by letting you automatically sort animals for a treatment plan

Why AfiSort&Weigh?

- Keep animals calm – avoid stressing your animals when you need to bring them from the barn.
- Labor savings – fewer people are needed to manage the animals.
- Flexible management – automate your schedule with one-by-one animal selection or the "sort now" feature.
- Solution for farms of all sizes – two-way sort, three-way sort, single or multiple.
- Sort and weight scale (optional) – integrated and cost effective.
- Individual automatic walk-over weighing system, automatically measure cow's body weight and store it in the database to use for reports.

Sorting with AfiSort, Easy as A-B-C

In addition to setting sorting routines in AfiFarm, you may apply a sort order for any cow from the parlor, office or mobile app.



Animal
Sorting



Milk Cooling

- 44 Milk Cooling & Storing
- 45 Horizontal Milk Cooling Tanks
- 46 Vertical Milk Cooling Tanks





Milk Cooling & Storing

Milk Cooling Tanks: Preserve Freshness and Quality When you collect fresh milk from your cows, it has a temperature of 38–39°C, mirroring the natural body temperature of the cow. To maintain the highest quality and safety standards, it is crucial to cool this milk swiftly to an ideal temperature of 4°C, and keep it at 4°C until processing. Introducing Our Cooling Tanks A top-notch cooling tank should possess two essential features to ensure efficiency and reliability:

Swift cooling: Rapid cooling is vital to inhibit the growth of harmful bacteria in milk. By accelerating the cooling process, our tanks guarantee product safety while simultaneously conserving energy, resulting in reduced electricity costs.

Superior insulation: Our top-quality cooling tanks not only provide rapid cooling but also boast excellent insulation. This advanced feature maintains the milk's cold temperature for extended periods, allowing the cooling system a longer resting period before restarting.

Experience the difference with our innovative cooling tanks, designed to chill your milk more efficiently and effectively. Trust in Intermilk to help you achieve the highest quality and safety standards for your dairy products, while maximizing your farm's productivity and profitability.

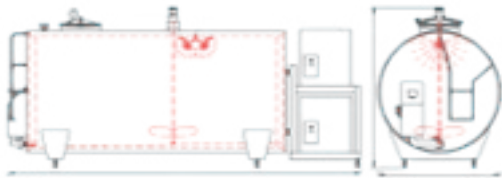




Horizontal Milk Cooling Tanks



Capacity	Ref.Code
2.000 LT	SO-Y2000
2.500 LT	SO-Y2500
3.000 LT	SO-Y3000
4.000 LT	SO-Y4000
5.000 LT	SO-Y5000
6.000 LT	SO-Y6000
8.000 LT	SO-Y8000
10.000 LT	SO-Y10000



Kapasite Capacity 2000 lt – 10000 lt

Experience superior milk cooling with our Horizontal Milk Cooling Tanks, crafted with precision and efficiency to ensure optimal freshness and quality.

Key Features:

- **Cooling Class 2BII:** Our tanks are designed to meet the highest cooling standards, ensuring consistent milk temperatures.
- **High-Quality Construction:** Each tank is made of 2mm AISI-304 stainless steel material, offering durability and resistance to corrosion.
- **Advanced Surface Cooling:** Our tanks feature laser-welded rolbont (evaporator) plates, providing exceptional surface cooling performance.
- **Superior Insulation:** With 60mm 14I BHFC high-density polyurethane insulation, our tanks maintain stable temperatures for extended periods.
- **Smart Cooling Technology:** The mixer operates continuously until the milk temperature reaches 4°C. Once stabilized the tank switches to resting mode, conserving energy while maintaining optimal temperatures.
- **Dual Cooling Motors:** Our tanks include two groups of cooling motors, capacitors, and double fan condensers, ensuring optimal cooling efficiency.
- **Intuitive Touch Screen Control Panel:** The stainless steel panel cover safeguards electrical components while offering easy access to essential functions. Monitor milk volume, error codes, and initiate automatic washing with just a single touch.Preserve the pristine freshness and superior quality of your products with Intermilk's cooling tanks.



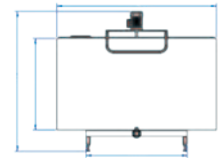
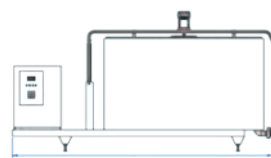
Vertical Milk Cooling Tanks



Capacity

200 Lt – 2000 Lt

Capacity	Ref.Code
300 LT	SO-D300
500 LT	SO-D500
1.000 LT	SO-D1000
1.500 LT	SO-D1500
2.000 LT	SO-D2000



Discover the perfect solution for your dairy farm's storage needs with Intermilk's Vertical Milk Cooling Tanks. Designed to accommodate various spatial requirements, these tanks offer exceptional cooling performance and efficiency.

Key Features:

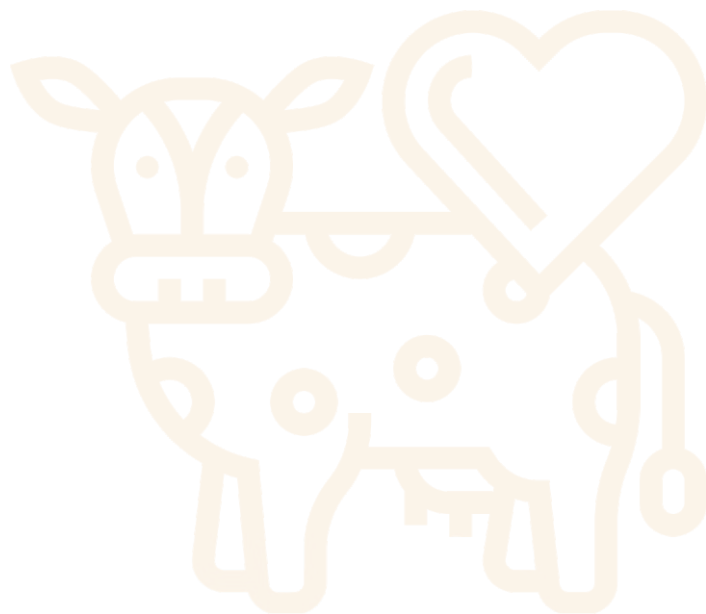
- **Cooling Class 2BII:** Our tanks adhere to the highest cooling standards, ensuring the preservation of your milk's quality and freshness.
- **Superior Construction:** Constructed with 2mm thick AISI 304 stainless steel for both the inner and outer surfaces, our tanks provide exceptional durability and corrosion resistance.
- **Advanced Surface Cooling:** Featuring laser-welded rolbont (evaporator) plates, our tanks deliver outstanding surface cooling capabilities.
- **Voltage Protection Relays:** Safeguard your cooling tank from potential voltage fluctuations with built-in voltage protection relays.
- **Intelligent Cooling System:** Our tanks cool milk to 4°C before transitioning to resting mode, relying on high-quality insulation to maintain temperature of 4°C. The cooling process automatically resumes if temperatures deviate from the intended range.
- **Stainless Steel Cabinet and Lids:** The cooler cabinet and lids are crafted from stainless steel, ensuring long-lasting quality and easy maintenance.
- **User-friendly Digital Control Panel:** Effortlessly monitor error displays, initiate automatic washing sessions, and measure the volume of milk present in the tank with the touch screen controls.
- **Exceptional Insulation:** Our tanks are insulated with 50mm 14I BHFC high-density polyurethane, ensuring optimal temperature preservation.

Preserve the pristine freshness and superior quality of your products with Intermilk's cooling tanks



Barn Equipments – Cow Comfort

- 48 Head Locks
- 51 The Autonomus Feed Pusher Robot
- 54 Freestall Cubicles
- 58 Sprinkle Systems
- 59 Fans & Ventilation Systems
- 60 Cattle Crush
- 61 Water Trough
- 62 Livestock Scale
- 63 Cow Mattress
- 64 Barriers And Service Gates
- 65 Cow Brushes





Headlocks



Boost Your Farm's Value with Intermilk's Multifunctional Headlocks. Optimal feed intake is key to maximizing milk yield and overall farm profitability. Intermilk's multifunctional headlocks help ensure that your cows are fed in an orderly and safe manner, promoting equal and sufficient feeding for each cow. Our headlocks offer both group and individual locking options, providing you with the flexibility to secure a single animal or a group, depending on your needs. Whether it's for insemination, injections, hoof care, or a quick inspection, our headlocks make these processes safer and more efficient by keeping the animal securely locked in place.

In addition to enhancing feeding efficiency, Intermilk's headlocks also contribute to improved udder health. By preventing cows' teats from touching the ground or their surroundings while feeding right after a milking session, our headlocks serve as a crucial first line of defense against mastitis.

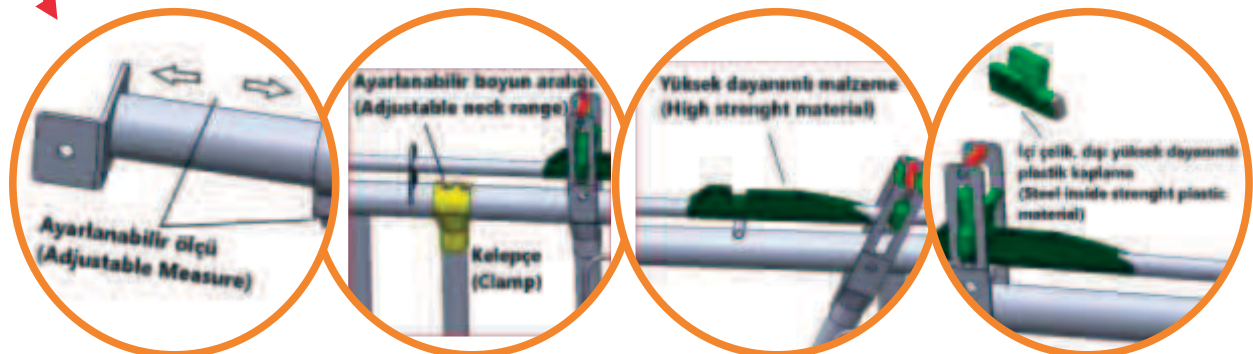
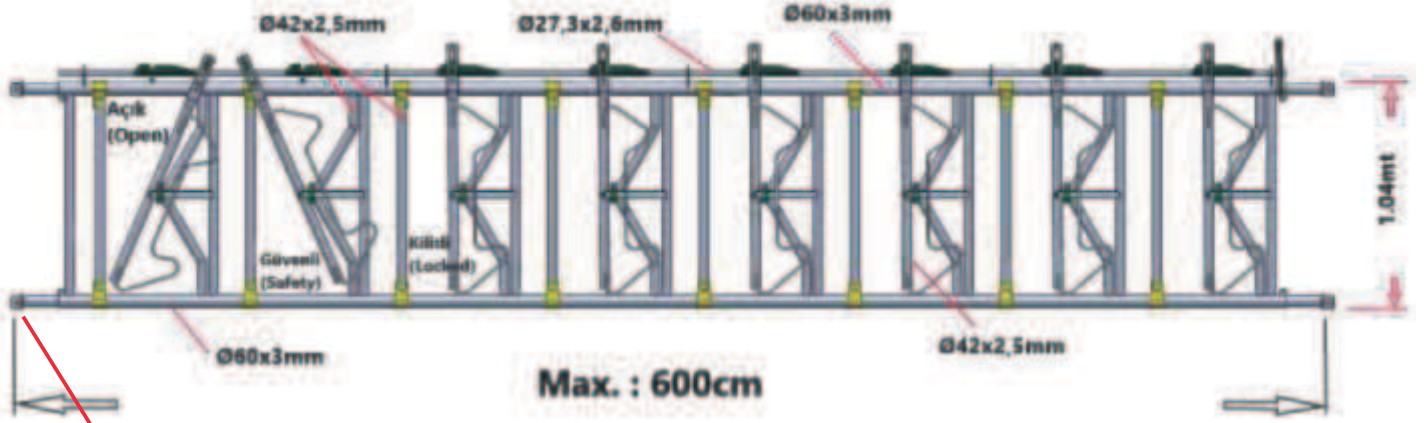
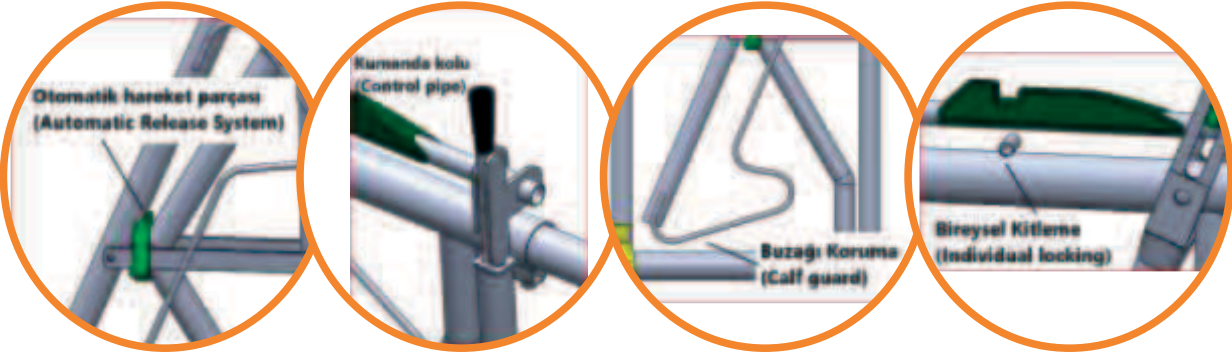
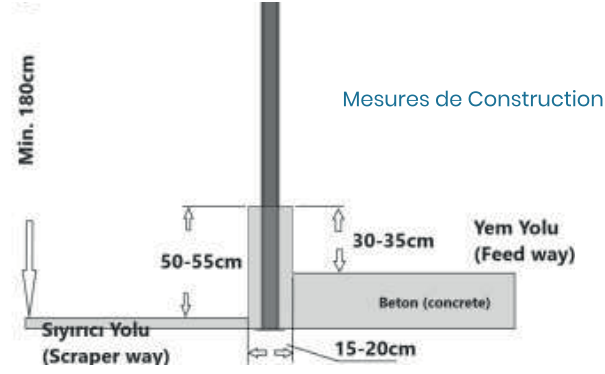
- **Safety and Efficiency:** Headlocks can significantly improve the safety and efficiency of a variety of farm operations. By securely holding the cows in place, they reduce the risk of injury to both the animals and the farm workers. This allows for efficient handling, whether it's during routine health checks, vaccinations, or artificial insemination.
- **Animal Welfare:** Contrary to what one might think, headlocks do not stress the cows. They are designed to comfortably secure the cows, and once the cows are used to them, they can calmly eat or receive medical care without feeling threatened or distressed.
- **Controlled Feeding:** With headlocks, each cow can be assigned to a specific slot, ensuring that all animals get their fair share of feed. This prevents dominant cows from pushing away the weaker ones and helps monitor individual cow's feed intake, crucial for detecting health problems early.
- **Cost-Effective:** Headlocks are a cost-effective solution for dairy farms. They require minimal maintenance and, given their benefits in terms of improved productivity and animal health, offer a great return on investment.

At Intermilk, we genuinely care about the well-being of your livestock and the success of your farm. Invest in our multifunctional headlocks to promote a safer and healthier environment for your cows while maximizing the value of your dairy operation.



Safe Lock (Double Pop Up)

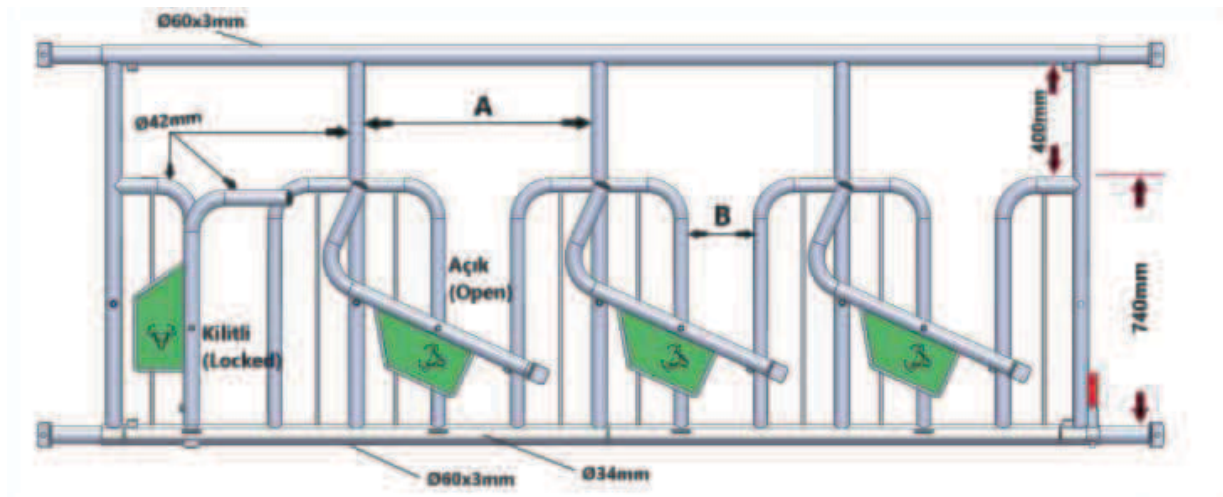
Ref. Code AE-YK





Horned Cow Headlocks

Ref. Code AE-YKB





The Autonomus Feed Pusher Robot



 intermilk

I-BOLD

Introducing I-BOLD, a battery-powered autonomous robot designed to efficiently push feed towards cows in the feeding alley while following a pre-programmed route. Its unique design ensures that I-BOLD operates without exerting harmful pressure on the feed. As the robot works, it also refreshes the feed, allowing it to breathe and maintain freshness and quality for extended periods. This results in cows receiving fresher and more abundant feed throughout the day.

The operator can easily program the route for I-BOLD to follow using the robot's interface located on its side. This flexibility allows for customized routes and enables the operator to push more feed in specific areas of the barn at designated times of the day. Additionally, the robot can be equipped with optional attachments to sprinkle desired amounts of concentrated feed or minerals onto the existing feed. This process leads to increased feed intake and enhanced milk yield. Experience the benefits of efficient, customizable, and convenient feed management with Intermilk's I-BOLD, designed to optimize your cows' feed intake and elevate your farm's productivity.



Why Should I use an I-BOLD?

Enhanced Feed Consumption and Milk Production: I-BOLD's unique rotational motion aerates the feed as it automatically repositions it within the feeding alley. This process makes the feed more appealing to cows, leading to increased consumption and ultimately, higher milk production.

Lesser Costs, Bigger Profits

Timely feed pushing is essential for the well-being of your barn and animals. Relying on manual labor for this crucial task can pose risks to your animals' welfare, as workers may be preoccupied with other tasks and unable to prioritize feed pushing. As a result, feed pushing is often skipped or delayed. I-BOLD eliminates these issues by operating 24/7, ensuring timely and accurate feed management in the right barn. When compared to manual labor, I-BOLD can save up to \$20,000 in labor costs annually.

Increasing both the frequency and amount of feed intake

Increase in milk yield by 2 kg/day

Ensures longer freshness of the feed

Saves up to \$20,000 in labor costs per year





Technical Specifications

Weight	740 kg
Speed	7m / min
Charge Time	120 m
Distance Per Charge	600-700 meters
Height (From Ground)	4 cm
Height	125 cm
Width	107 cm
Length	195 cm
Drive System	Electrical
Maximum Floor Slope	%5
Operating Tempeture	-20 +50 °C
Gate Control	Optional
Obstacle Detection System	Included
Can be Used in more than one barn	Yes

Easy-to-Use Interface

Thanks to the user-friendly interface, the I-BOLD robot's work plan can be effortlessly managed both automatically and manually. Additionally, essential information such as charging status and operational hours can be conveniently displayed. Easy-to-Use Interface With its intuitive and easy-to-use interface, the I-BOLD robot allows for seamless management of the work plan, offering both automatic and manual scheduling options. This flexibility ensures optimal performance tailored to your specific needs. Furthermore, essential information, including the robot's charging status and operational hours, is readily available, providing you with comprehensive insights into the robot's performance and efficiency. This combination of user-friendliness and transparency makes the I-BOLD a valuable addition to your farm operations

LOW ENERGY CONSUMPTION

The versatile charging station for the I-BOLD can be conveniently installed at any location within the barn, serving as the starting point, waiting area, and final destination for the robot. This charging unit is designed to provide rapid and practical charging solutions, ensuring that the I-BOLD operates with minimal energy consumption while maximizing efficiency and productivity in your farm operations



Freestall Cubicles



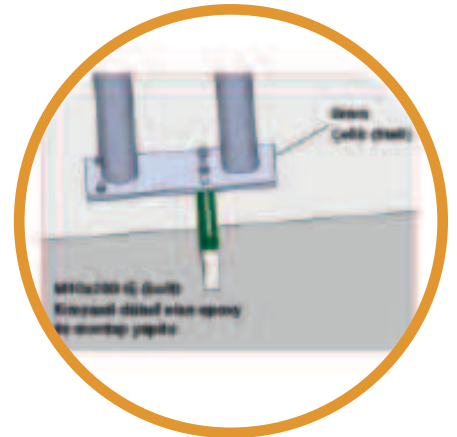
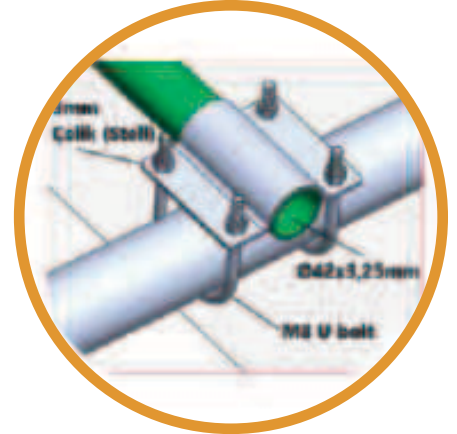
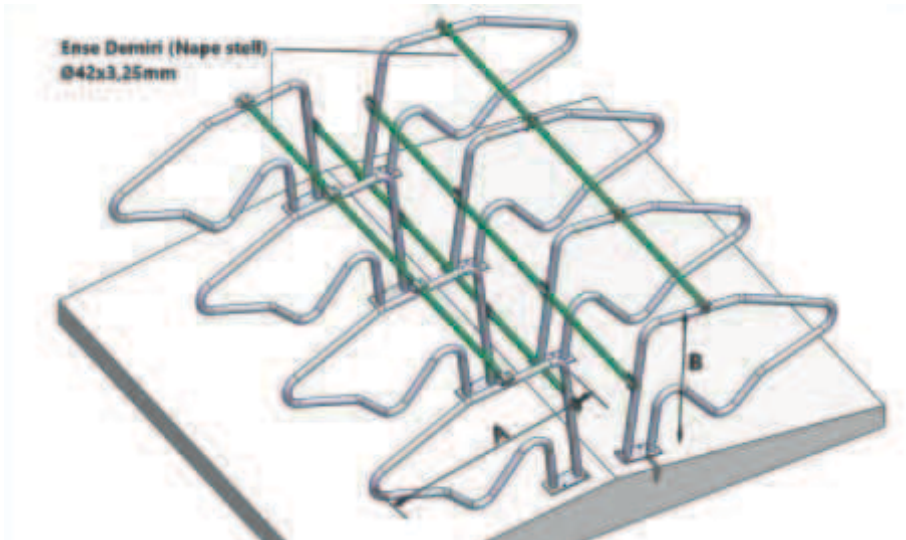
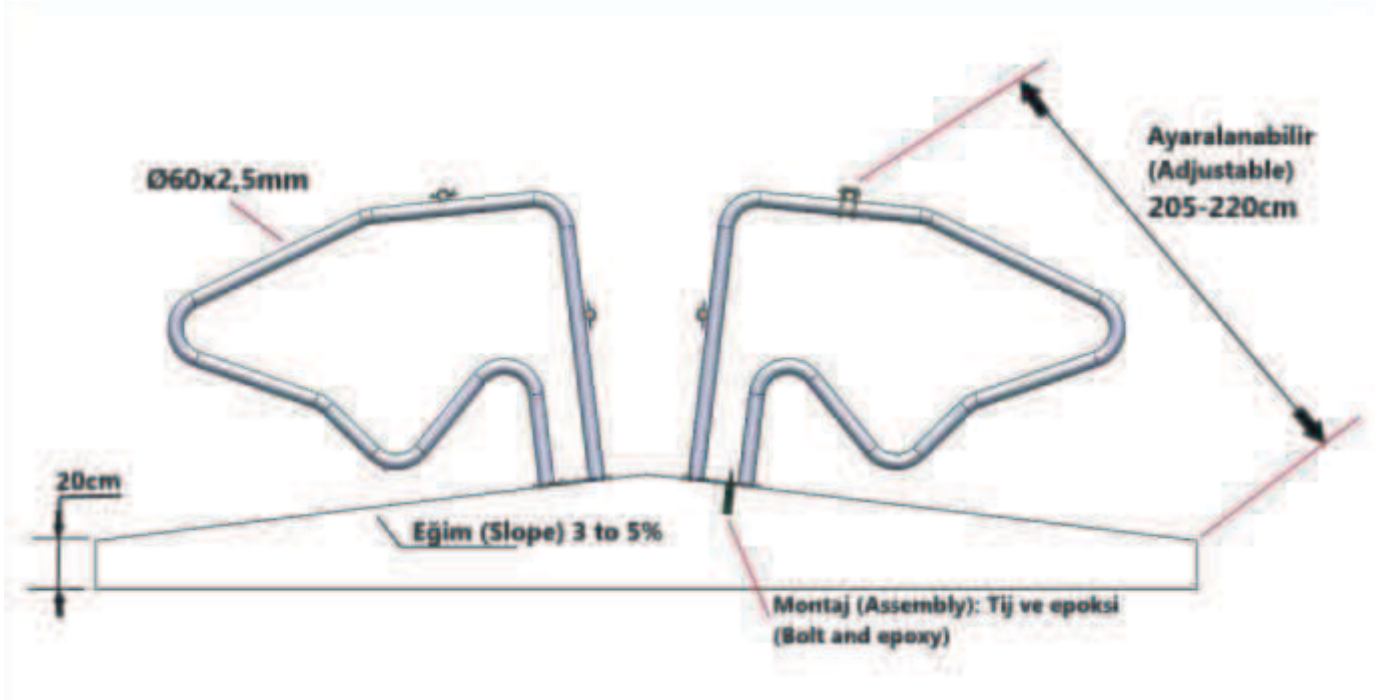
Free stalls, also known as cubicles, are individual spaces provided for cows in a dairy farm. These stalls are designed to allow cows to move freely, lie down, stand up, and stretch comfortably. As Intermilk, we know that they play a crucial role in maximizing cow comfort, which is linked to overall health, milk production, and longevity.

- **Cow Comfort:** Free stalls allow each cow to have its own space. The stalls are usually equipped with bedding materials such as straw, sand, or mattresses, ensuring a soft and comfortable area for cows to lie down and rest. Comfortable cows are more likely to spend more time lying down, which can increase milk production.
- **Improved Health:** Free stalls are designed to keep cows clean and dry, which can help to prevent infections and diseases. The design also reduces the risk of injuries as the cows can move freely without any obstructions.
- **Increased Milk Production:** Research has shown that comfortable cows produce more milk. By providing a comfortable environment for cows to rest and ruminate, free stalls can contribute to increased milk production.
- **Efficient Use of Space:** Free stalls allow for efficient use of barn space. They provide individual spaces for cows while allowing them to move around freely, which is not always possible with other housing systems.
- **Ease of Management:** Free stalls can make it easier for farm staff to monitor individual cows, detect any signs of illness or distress early, and provide necessary care. It also simplifies the process of manure management, as most of the manure is deposited in the alleyways between the rows of stalls.

To summarize, comfortable cows are productive cows. Ensuring that your cows have a safe and comfortable resting area is vital for increasing their productivity. Intermilk's meticulously designed mattress separators provide a space-saving and efficient solution for your farm's cow resting areas. These freestall cubicles offer each cow an individual space, promoting safety and comfort throughout the resting process. We design Intermilk's freestall cubicles to enhance cow comfort, increase productivity, and streamline manure management for maximum productivity on your farm.



Aksaray Model



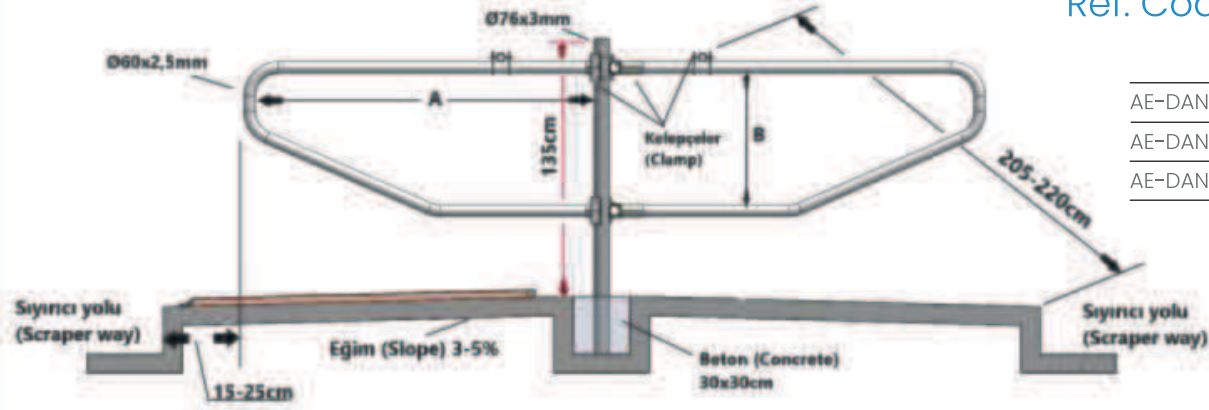
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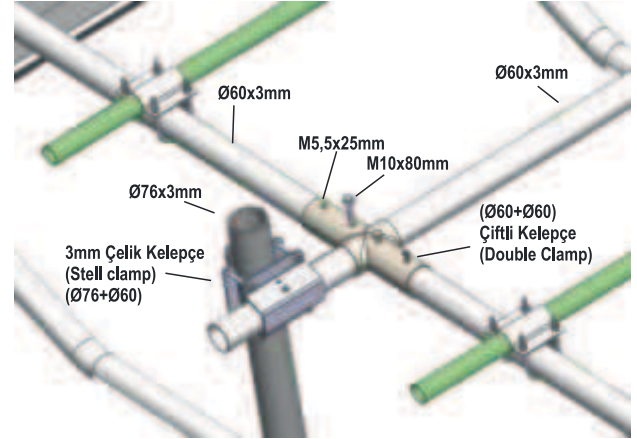
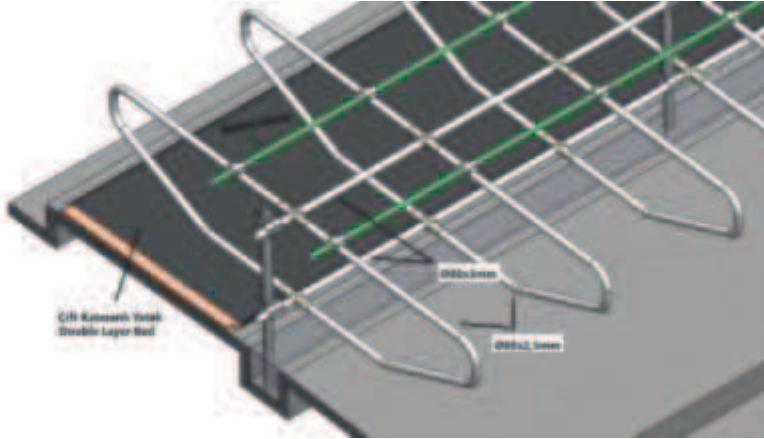


Ankara Model – Double Side

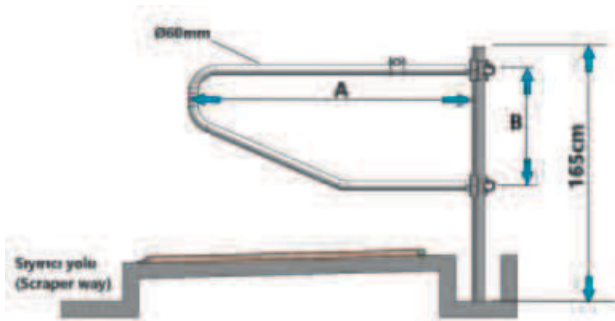
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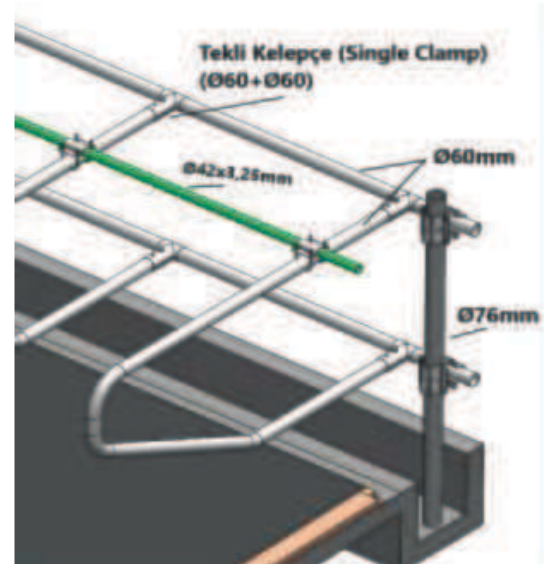


Ankara Model – One Side



Ref. Code

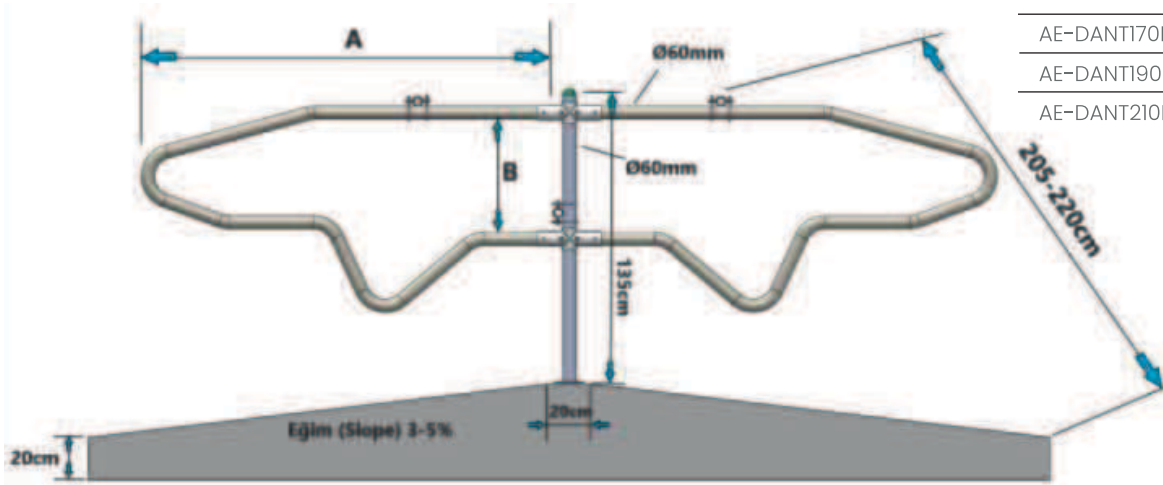
	A	B
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AE-DANK190S	190	75
AE-DANK210S	210	75



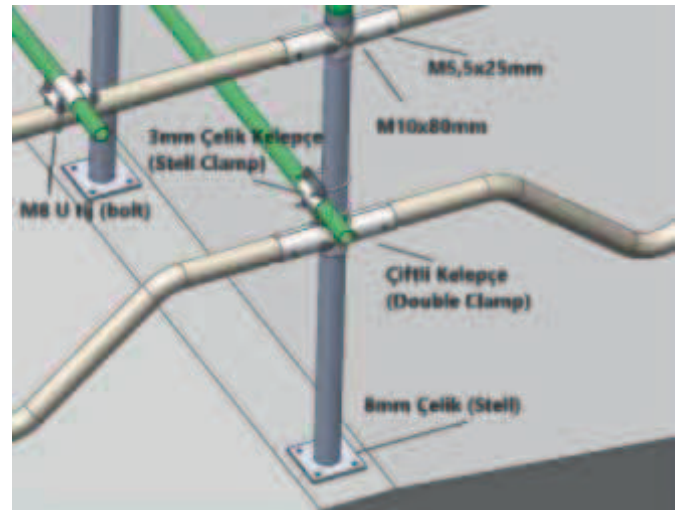
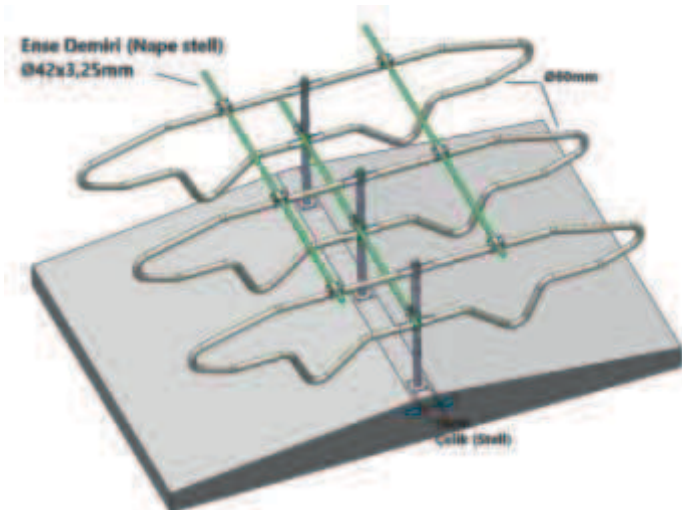


Antalya Model – Double Side

Ref. Code

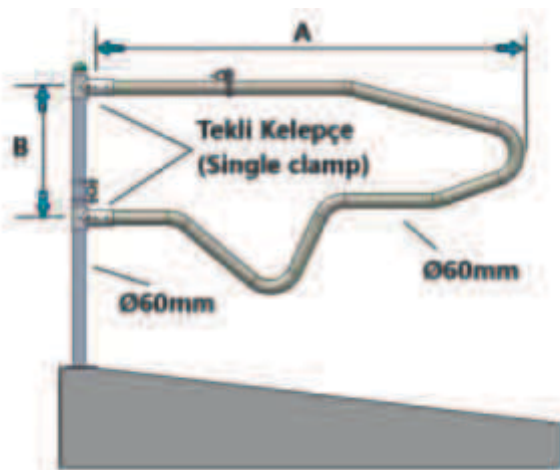


	A	B
AE-DANTI70D	170	60
AE-DANTI90D	190	60
AE-DANTI210D	210	60



Antalya Model – One Side

Ref. Code



	A	B
AE-DANTI70S	170	60
AE-DANTI90S	190	60
AE-DANTI210S	210	60



Sprinkle Systems

Environmental temperatures above 25°C can cause discomfort for cows and negatively impact their productivity due to heat stress. Intermilk's humidification and fogging systems ensure optimal barn temperatures, helping to prevent these issues. Water sprinkle systems are commonly used in resting areas and high-traffic zones, such as paths to and from milking parlors. Implementing these systems in resting areas also assists in softening manure for easier scraping and improved manure management. To achieve maximum results with minimal water and energy consumption, Intermilk utilizes fogging systems that provide comparable benefits while using fewer resources. Hot summer days are no longer a challenge; with Intermilk's advanced cooling and fogging systems, you can maintain a productive and happy farm environment while prioritizing animal welfare.



Ref. Code AE-YAS

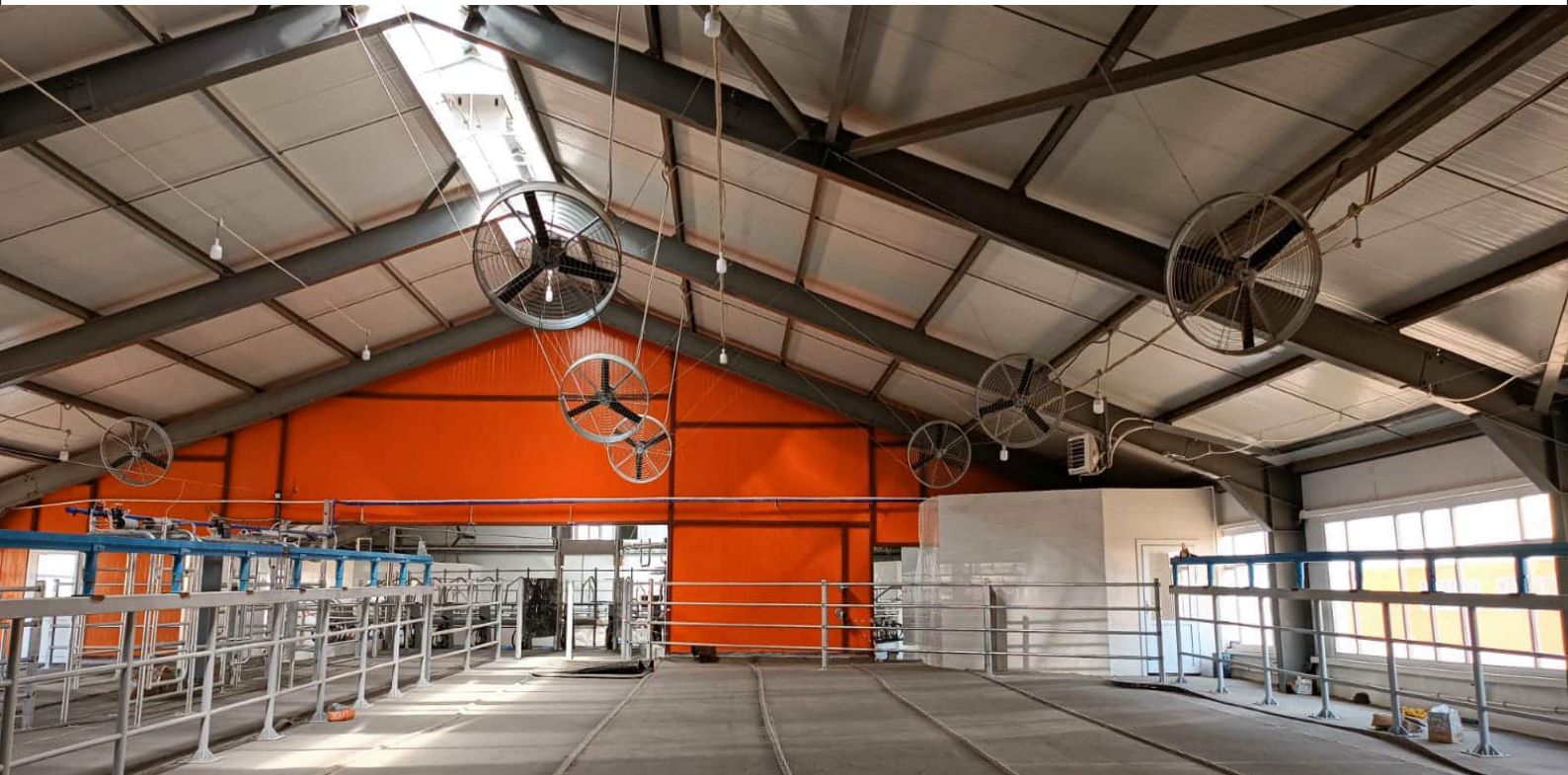
Options

Automatic Humidification/ Fogging By Environmental Temperature.

Integration to Herd Management.



Fans & Ventilation Systems



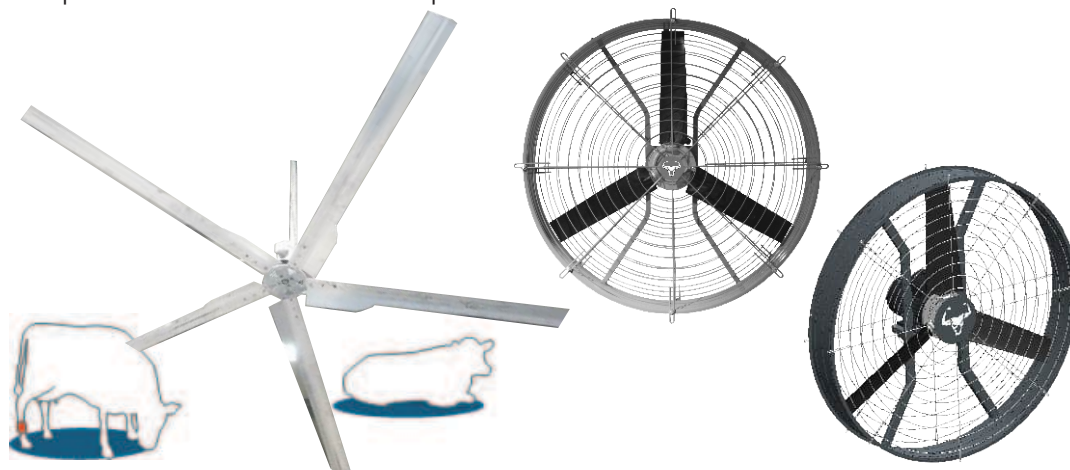
Maximizing Dairy Farm Productivity with Fans and Ventilators

Uncomfortable air temperatures in farms and barns can cause heat stress for your livestock, which in turn affects their daily productivity and milk yield. Cows are less likely to eat in uncomfortable heat, and with reduced feed intake, they won't produce enough milk to maintain profitability.

Sudden temperature changes can also negatively impact your farm. Therefore, it's essential to maintain a comfortable climate at all times. Intermilk's cooling fans and ventilators prevent productivity loss for your cows while also enhancing air quality and safety. It enables selective power usage, automatically starting and stopping fan operation based on the current temperature.

How?

Our fans keep the ground dry in high traffic areas and bedding spaces, helping prevent cows and farm operators from slipping and sustaining injuries. These fans also improve air quality by reducing pollution, helping prevent the spread of airborne diseases. By keeping your barn fresh and dry, our fans contribute to a healthier environment for your animals. We achieve these benefits with low-energy consumption and low-noise (sound pollution) fans. It's also possible to automate these systems with the appropriate equipment and herd management tools. We offer customizable control panels that enable selective power usage, automatically starting and stopping fan operation based on the current temperature.



Ref.Code	Kw	Effect Range	Rpm
AE-FN14 Vertical	0,55	12 m	930
AE-TT25 Horizontal	1,5	12 m	251
AE-TT40 Horizontal	1,1	15 m	99
AE-TT50 Horizontal	1,1	18 m	99
AE-TT60 Horizontal	1,5	22 m	99



Cattle Crush (Hoof Care)



Ref. Code AE-HTRAV

Ref. Code AE-MTAV

Options

With Tires	AE-MTRAVTE
Weight System	AE-TRAVKAN

We as Intermilk know the fact that hoof care is crucial in dairy farms for several reasons:

- **Animal welfare:** Proper hoof care ensures the overall well-being and comfort of the cows. Healthy hooves allow cows to move and stand without pain, contributing to their quality of life.
 - **Milk production:** Cows with healthy hooves are more comfortable and have better feed intake, which directly correlates with higher milk production. Hoof problems can lead to decreased milk yield and compromised overall productivity.
 - **Disease prevention:** Regular hoof care helps prevent various hoof-related diseases and infections, such as laminitis and digital dermatitis. Early detection and treatment of these issues can reduce the severity and duration of the problems, saving time and resources in the long run.
 - **Reduced treatment costs:** By maintaining proper hoof care, dairy farmers can minimize the need for costly treatments and medications, as well as the potential loss of cows due to severe hoof problems.
 - **Improved herd longevity:** Cows with well-maintained hooves are more likely to have a longer and more productive lifespan, contributing to a more sustainable and profitable dairy operation.
 - **Better reproductive performance:** Cows with healthy hooves exhibit fewer issues related to reproduction, such as difficulty standing during mating or discomfort during pregnancy, ultimately leading to better overall reproductive performance.
- Hoof care should be performed at least twice a year; however, it can be a dangerous and time-consuming task for both the operator and the animal. We understand this challenge and offer a solution in the form of our machine. These multifunctional machines are user-friendly, require no installation, and are easy to reposition and transport, streamlining the hoof care process. The animal is supported and positioned within the machine, ensuring a comfortable and secure state. A single operator can efficiently serve all the animals, even extending their services to neighboring farms if needed. While your animal is in the machine you can also safely perform vaccinations, insemination, and other treatments as necessary.



Water Trough

- At Intermilk we know that It is essential to use proper water troughs in dairy farms for several reasons:
- Adequate water intake:** Cows require a sufficient supply of clean water for optimal health, milk production, and overall well-being. Proper water troughs ensure that cows have easy access to water at all times, encouraging adequate water consumption.
 - Water quality:** Good quality water troughs help maintain the cleanliness and purity of the water provided to the cows. Contaminated water can lead to health issues and negatively affect milk production. Proper water troughs reduce the risk of contamination, ensuring that cows have access to clean and safe water.
 - Efficient water use:** Proper water troughs are designed to minimize water waste, ensuring that water resources are used efficiently on the farm. This is not only beneficial for the environment but also helps reduce the farm's water-related expenses.
 - Cow comfort:** Ergonomically designed water troughs cater to the cows' natural drinking behavior, making it easier for them to drink comfortably. This contributes to better overall cow welfare and satisfaction.
 - Disease prevention:** Proper water troughs help reduce the risk of waterborne diseases that may result from stagnant or contaminated water. This helps maintain the health of the herd and reduces the need for costly treatments.
 - Easy cleaning and maintenance:** Well-designed water troughs are easier to clean and maintain, ensuring that the cows always have access to clean water while minimizing the workload for farm staff. Intermilk's innovative water troughs, featuring easy-to-clean designs and advanced water leveler technology, make providing clean and fresh water to your livestock effortless and efficient.

Freeze Free Water Trough



Ref.Code
AE-DS80
AE-DS50

Exceptional Insulation Properties

Featuring a special insulation design, this water trough effectively prevents water from freezing in temperatures as low as -30°C, while also protecting against overheating during extreme heat conditions.

Integrated Water Leveler (Float)

An in-built float mechanism ensures a consistent water level, providing your livestock with a reliable water source at all times.

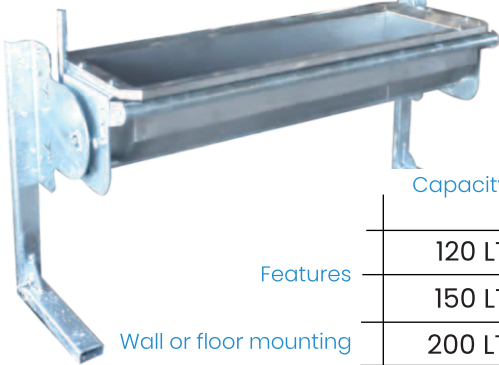
Double Trough: 80-Liter Capacity

The spacious double trough accommodates up to 80 liters of water, making it ideal for larger herds or high-demand watering situations.

Single Trough: 50-Liter Capacity

Designed for smaller herds or more compact spaces, the single trough provides a generous 50-liter capacity for your livestock's hydration needs.

Tilting Stainless Water Troughs



	Capacity	Ref.Code
Features	120 LT	AE-PS120
	150 LT	AE-PS150
	200 LT	AE-PS200
	300 LT	AE-PS300
Wall or floor mounting		

These innovative troughs feature a unique tilting mechanism that allows for easy emptying and cleaning, ensuring fresh water for your livestock at all times.

Stainless Steel Water Trough

Versatile in design, this trough can be mounted on barn walls or placed on the ground, depending on your needs and available space.

Built-in Water Leveler (Float)

Equipped with an internal float mechanism, the trough maintains a consistent water level for hassle-free livestock hydration.

Durable Construction and Corrosion Resistance

All metal components, aside from the water tank itself, are made from robust materials and coated with hot-dip galvanization to provide superior protection against corrosion, ensuring long-lasting performance.

120LT – 150LT – 200LT – 300LT



Animal Scale

Intermilk presents specialized animal scales ideal for farm environments, catering to cattle and sheep. Our versatile scales range from portable units to fixed installations, each with various weight capacities.

The advantages of our scales are numerous. They can be tailored to meet your requirements and provide accurate measurements for efficient herd management. Optionally, integrate the scales with your herd management software for seamless record keeping, accessible data, and easy sharing with your veterinarian.

Choose Intermilk's equipment to enhance your farm operations, improve animal health, and boost productivity and profitability.

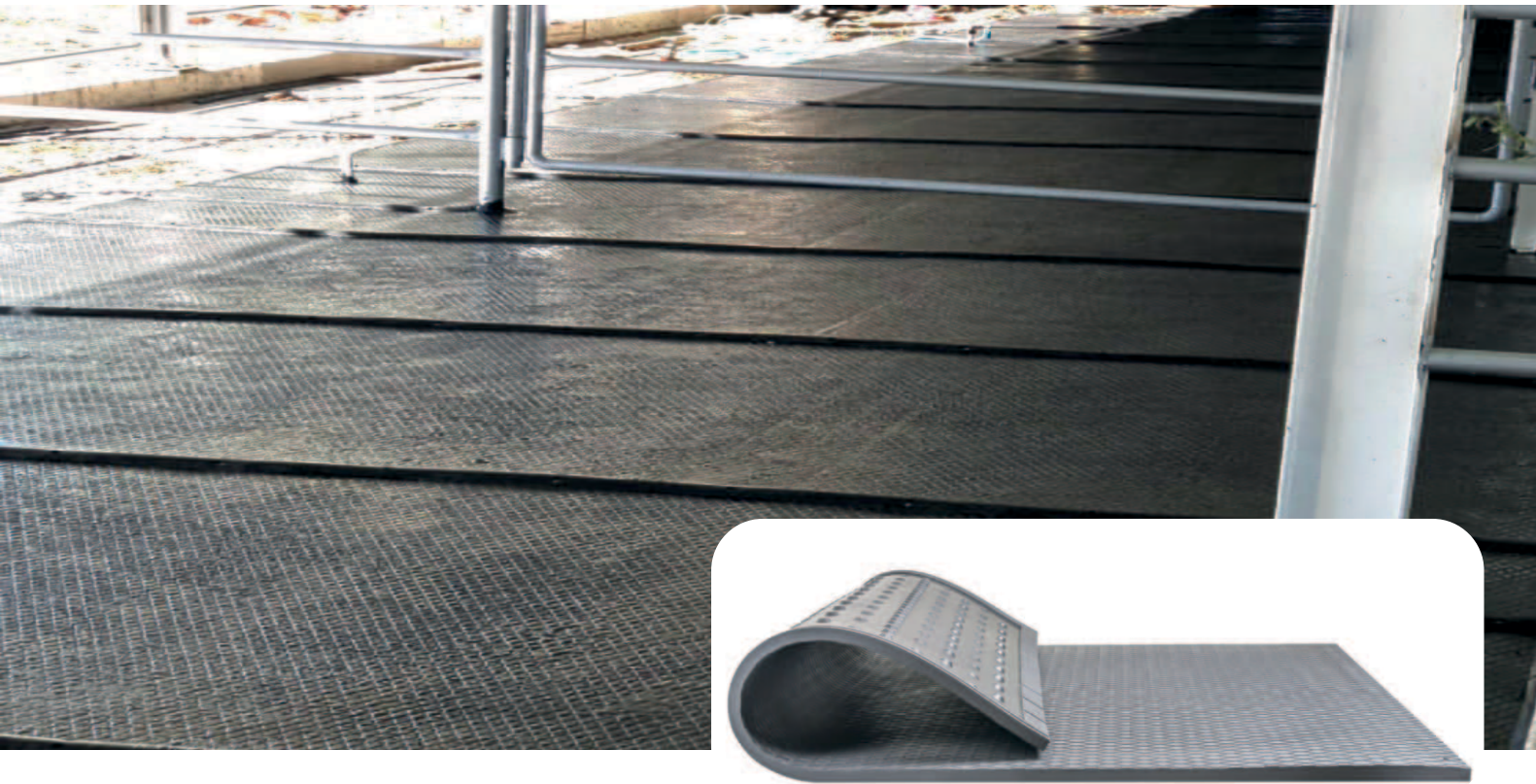


Ref. Code AE-KANT

Dimensions 100 X 200 X 120 cm



Cow Mats (Mattresses)



A cow mat or mattress is a specialized bedding system designed for use in dairy farms to provide comfort and support for cows while they rest. These mats are typically made from materials such as rubber, foam, or a combination of both, offering a cushioned and non-slip surface for the animals. The benefits of having cow mats or mattresses in a dairy farm include:

- **Improved cow comfort:** Cow mats provide a soft and comfortable surface for cows to lie down on, promoting longer rest periods, which can lead to increased milk production and overall well-being.
- **Enhanced hygiene:** Cow mats are designed to be easy to clean and maintain, reducing the buildup of bacteria and the risk of infections, such as mastitis. This can contribute to a healthier environment for the cows and the farm as a whole.
- **Reduced injury risk:** The non-slip surface of cow mats can help prevent injuries due to slipping or falling, promoting safer movement for both the cows and farm workers.
- **Better hoof health:** Cushioned cow mats can help reduce the pressure on cows' hooves, minimizing the risk of hoof-related issues and improving overall hoof health.
- **Increased productivity:** By providing a comfortable and clean resting area for cows, cow mats can contribute to higher milk production and improved reproductive performance, ultimately leading to increased profitability for the dairy farm.
- **Insulation:** Cow mats can provide insulation from cold floors, keeping cows warm during colder months and helping to maintain their body temperature, which is essential for optimal health and productivity. A contented cow lies down, and the duration of its rest significantly influences its productivity. Cows thrive when they can recline comfortably on Intermilk Mattresses, which are specifically designed to boost their milk yield. In addition to providing exceptional comfort, Intermilk's uniquely engineered cow mats help prevent damage to legs, knees, and hooves, ensuring the overall well-being of your livestock.



	Width	Length	Thickness	
Individual	110 cm	190 cm	2,2 cm	AE-HYBR110
Individual	120 cm	190 cm	2,2 cm	AE-HYBR120
Single Layer	154-180		2,2 cm	AE-HYRUL
	190-205			
	220-240cm			
Double Layer	180 cm		3,7 cm	AE-HYCK



Barriers and Service Gates

In a dairy farm, barriers and service gates play a crucial role in managing the movement and organization of livestock, offering several benefits that contribute to efficient farm operations and overall success. By creating designated areas for specific activities such as feeding, milking, and resting, barriers and gates help ensure proper utilization of space and controlled animal movement. This organization also enhances safety and security for both animals and farm workers, while reducing stress for the livestock by providing a structured yet comfortable environment. Improved herd management is another advantage of using barriers and service gates, as they allow for easy separation of specific animals for medical treatment, vaccinations, or insemination without causing disruptions to the rest of the herd. Moreover, they promote enhanced cleanliness and hygiene by keeping feeding, resting, and milking areas separate, reducing cross-contamination. Ultimately, a well-structured layout facilitated by barriers and gates leads to increased productivity and profitability for your dairy farm. Intermilk's thoughtfully designed barriers provide farm owners and operators with the ability to separate cows according to factors such as milk productivity, life cycle, and weight. Our functional gates enable effortless management of cow traffic between key areas like the milking parlor, barn, feeding area, and open field. Intermilk's multifunctional service gates streamline farm traffic for operators while ensuring a stress-free transition for your livestock. This well-organized system not only enhances the overall efficiency of your dairy farm but also contributes to the well-being and productivity of your cows, ultimately leading to increased profitability.





Cow Brushes

Dairy farm owners often struggle with maintaining cow comfort, cleanliness, and overall well-being, which can negatively impact milk production and farm profitability. This problem can cause significant distress, as manual grooming is time-consuming and labor-intensive. Furthermore, inadequate grooming can lead to health issues such as skin infections, poor coat condition, and parasite infestations. The solution to this pressing issue is the implementation of an Intermilk automatic cow brush on your dairy farm. This innovative equipment provides gentle and enjoyable grooming for the cows, promoting relaxation and reducing stress. As a result, cow comfort is significantly improved, leading to better overall health and increased milk yield. The Intermilk automatic cow brush also addresses cleanliness and hygiene concerns by removing dirt, dust, and loose hair from the cows' coats. This helps prevent skin infections and other health problems related to poor coat maintenance. Moreover, the brush stimulates blood flow, aiding in faster recovery from injuries or illnesses. Another advantage of the Intermilk cow brush is its ability to serve as a natural insect repellent, dislodging parasites and insects from the cows' coats and minimizing irritation and disease risks. With happier, healthier cows, your farm's productivity and profitability can significantly increase. By implementing an Intermilk automatic cow brush, you can effectively solve the pain points associated with cow grooming, reducing labor requirements and enhancing overall cow comfort and well-being. This investment will lead to improved farm productivity, efficiency, and profitability, making it a wise choice for dairy farm owners seeking to optimize their operations with the support of Intermilk's expertise and technology.





Calf Care

[67](#) Calf Feeding Trolley

[68](#) Calf Hutch House

[69](#) Autonomous Calf Feeding Robot I-mom





Calf Feeding Trolley

In a dairy farm, a mobile calf milk trolley serves as an efficient and convenient solution for feeding calves, streamlining the process and ensuring that each calf receives the proper nutrition it needs to grow and thrive. The benefits of having an Intermilk mobile calf milk trolley in a dairy farm are numerous, including time and labor-saving, improved calf nutrition, enhanced hygiene, flexibility and mobility, and reduced stress for calves. One of the key benefits of the Intermilk mobile calf milk trolley is the time and labor-saving aspect. Manually feeding calves can be time-consuming and labor-intensive.

The Intermilk mobile calf milk trolley simplifies this task, allowing farm workers to transport and dispense milk to multiple calves quickly and easily. This frees up valuable time and resources for other essential farm duties. Another crucial advantage is the improved calf nutrition. The Intermilk mobile calf milk trolley enables precise and consistent milk distribution to each calf, ensuring that they receive the proper nutrition required for healthy growth and development. This helps reduce the risk of malnutrition and related health problems.

Hygiene is also enhanced with the Intermilk mobile calf milk trolley. It is designed with cleanliness in mind, making it easy to clean and maintain. This reduces the risk of contamination and promotes a healthier environment for the calves. The trolley also allows for proper milk storage and transportation, which helps preserve the quality and freshness of the milk. The standout feature of the Intermilk Mobile Milk Preparation Machine is its optional pasteurization capability. Pasteurization is a crucial process in the production of milk, ensuring the elimination of harmful bacteria without compromising the milk's nutritional value. By feeding your calves with pasteurized milk, you minimize the risk of them contracting diseases, thus promoting a healthier growth cycle.



BU-MM100 Feeding Trolley 160 LT.

BU-MM150 Feeding Trolley 220 LT.

BU-MM200 Feeding Trolley 280 LT.

BU-MM150S Feeding Trolley + Gearbox 150 LT.

BU-MM200S Feeding Trolley + Gearbox 200 LT.

BU-MM200P Feeding Trolley + Pasteurisation 200 LT

BU-MM200SP Feeding Trolley + Pasteurisation + Gearbox 200 LT.



Autonomous Calf Feeding Robot I-mom

It's a Calf Feeding System.

The I-MOM calf feeding robot is more compatible with the calves' purposeful feeding and natural feeding habits.

For the first 2 to 8 weeks after birth, it is of great importance that calves have access to fresh milk whenever they want. A balanced, healthy, and proper growth is ensured by the calves' easy access to milk throughout the day. In this way, heifers mature faster and the strength, fertility and milk production of the cow for the rest of its life are positively affected.

I-MOM will ensure that the ideal growth rate is achieved by making sure to feed your calf at sufficient portions and regular times.

Advantages

- 24/7 active use
- More hygienic farms and healthy barns
- Savings on work force and personnel
- Opportunity to have healthy and balanced diet
- High productivity and durable cows
- Ease of tracking calves
- Increase in milk efficiency
- Focus on wealthy nourishment
- Stable milk – formula density and temperature
- Individual nutrition and opportunity for calves to socialize

Manual Feeding Mode

With the I-MOM early warning system, you can control animal health. The calf needs to be quarantined and separated from the feeding group if it has any complications. If any of your calves suffer from a complication, you must quarantine and separate the calf from the feeding group. At this exact time, I-MOM manual feeding mode comes into play and helps you.

- Opportunity to have fresh, warm feed at anytime
- Accurate scaling and mixing
- Easy accessibility
- External faucet that is compatible with bottles or buckets

Automatic Calibration

You no longer need to calibrate the weighing every day because of the automatic calibration of our calf feeding robot. I-MOM does this by preparing the right amount of food every time the calves visit the station. Calves' healthy growth and development are ensured in this way.

Hygiene Box

The hygiene box of our I-MOM calf feeding robot ensures that any food that is left in the pipe is evacuated under conditions where it is not at the appropriate temperature. Our robot ensures that the washing and rinsing water produced at specific times of the day is evacuated without allowing the calves to drink it.

Reporting System

Calves who skip their daily main meals are reported via sms and e-mail.





Autonomous Calf Feeding Robot I-mom

General Features

It is suitable to use with a combination of formula and milk.

It has software that will provide real-time information about the feeding behavior of calves.

Washing and rinsing with the proper cleaning supplies during the day will prevent the growth of microorganisms.

A feeding station with a reader, pacifier unit, and hygiene box is available.

Cross-contamination between calves is prevented by the dirt-repellent teat.

Touch screen size: 15.6"

Sizes: 130*70*65cm

Detergent Reservoir: 2*5 lt

Formula Reservoir: 35 kg

Water Temperatur: 39°C Stable

Mixer Reservoir: 1,5-2 lt

Water Tank: 15 lt

Heat Power: 4,5kw-7kw

Calf Station: 2-4 Piece





TMR – Feed Mixer Vagon

- 72 TMR – Feed Mixer Vagon
- 75 Feed Breaker (Grinding Machine)
- 75 Feed Crusher Machine
- 75 Straw–Stalk Grinder Machine





TMR – Feed Mixer Wagon

TMR

A Feed Mixer Wagon, such as those offered by Intermilk, is an essential piece of equipment for dairy farms, designed to mix and distribute feed for livestock. By ensuring a homogenous blend of ingredients, it helps to create a balanced and nutritious diet for the animals, ultimately leading to increased milk production and a more profitable operation. One of the primary benefits of an Intermilk Feed Mixer Wagon is improved feed efficiency. With its ability to create a consistent and uniform mix of feed ingredients, the wagon promotes optimal digestion, nutrient absorption, and overall health in animals. This results in better feed conversion rates and increased milk production. Additionally, using an Intermilk Feed Mixer Wagon can save time and labor, as it automates the process of mixing and distributing feed, allowing farmers to allocate valuable resources to other essential farm duties.

•Our feed mixer wagons feature a hydraulic grab for quick and easy loading, ensuring that feed preparation is hassle-free. The ability to input different feed rations into the weighing system allows for optimal feed customization, catering to the specific needs of your livestock. Easy feed dispensing on both sides is made possible with a two-way conveyor belt, allowing for efficient and equal distribution of feed. Low power requirements enable the Intermilk feed mixer wagon to operate with low horsepower tractors, resulting in fuel savings.

•Special heat-treated knives within the Intermilk feed mixer wagon cut feed into smaller sizes, ensuring a better and more homogeneous mixture in less time. Additionally, the wagon's thick and specially designed base, sidewalls, and spiral structure provide long-lasting durability.

By incorporating an Intermilk feed mixer wagon into your dairy farm operations, you can achieve better feed management, ultimately leading to cost savings, improved animal health, and increased productivity.





TMR – Feed Mixer Vagon



Capacity	Ref.Code
3 m ³	YE-YYK3
4 m ³	YE-YYK4
6 m ³	YE-YYK6
8 m ³	YE-YYK8
10 m ³	YE-YYK10
12 m ³	YE-YYK12
14 m ³	YE-YYK14
16 m ³	YE-YYK16



TMR – Feed Mixer Vagon



Capacity	Ref.Code
3 m ³	YE-DYK3
4 m ³	YE-DYK4
6 m ³	YE-DYK6
8 m ³	YE-DYK8
12 m ³	YE-DYK12
Double Auger 12 m ³	YE-DYK12D
Double Auger 14 m ³	YE-DYK14
Double Auger 16 m ³	YE-DYK16
Double Auger 20 m ³	YE-DYK16



Feed Breaker (Grinding Machine)

With Intermilk feed crushers, you have the ability to process your own barley, wheat, and corn feeds, giving you greater control over your livestock's nutrition. Thanks to the inclusion of two different sieves, the Intermilk feed crushers enable you to crush your grain feeds into varying sizes, tailoring the feed to your animals' needs.

By removing the crushing sieves, you can also utilize the internal knives to process beet and corn cobs, further expanding the versatility of the Intermilk feed crusher. This adaptability allows you to create a wide range of feed options for your livestock.

Investing in an Intermilk feed crusher not only gives you greater control over your farm's feed preparation, but it also helps to save costs and improve overall efficiency. With Intermilk's feed crushers, you can confidently provide your livestock with the highest quality feed to support their health and productivity.



1 Ton / hour	220 V. 3 KW	YE-YK1
3 Ton / hour	380 V. 18.5 KW	YE-YK3



Feed Crusher Machine

A feed crusher machine in dairy farms serves the purpose of processing grains, such as barley, wheat, and corn, into smaller, easily digestible particles for livestock consumption. Having a feed crusher machine with tempered cylinders offers numerous benefits, including enhanced durability, reduced wear and tear, and increased efficiency. These hardened cylinders ensure consistent and precise crushing, allowing for better feed preparation, ultimately contributing to improved livestock health, productivity, and overall farm profitability.

1 Ton / Hour	220 V. 3 KW	YE-YE50
1,5 Ton / Hour	380 V. 7.5 KW	YE-YE60
2 Ton / Hour	380 V. 11 KW	YE-YE80
2,5 Ton / Hour	380 V. 18.5 KW	YE-YE100

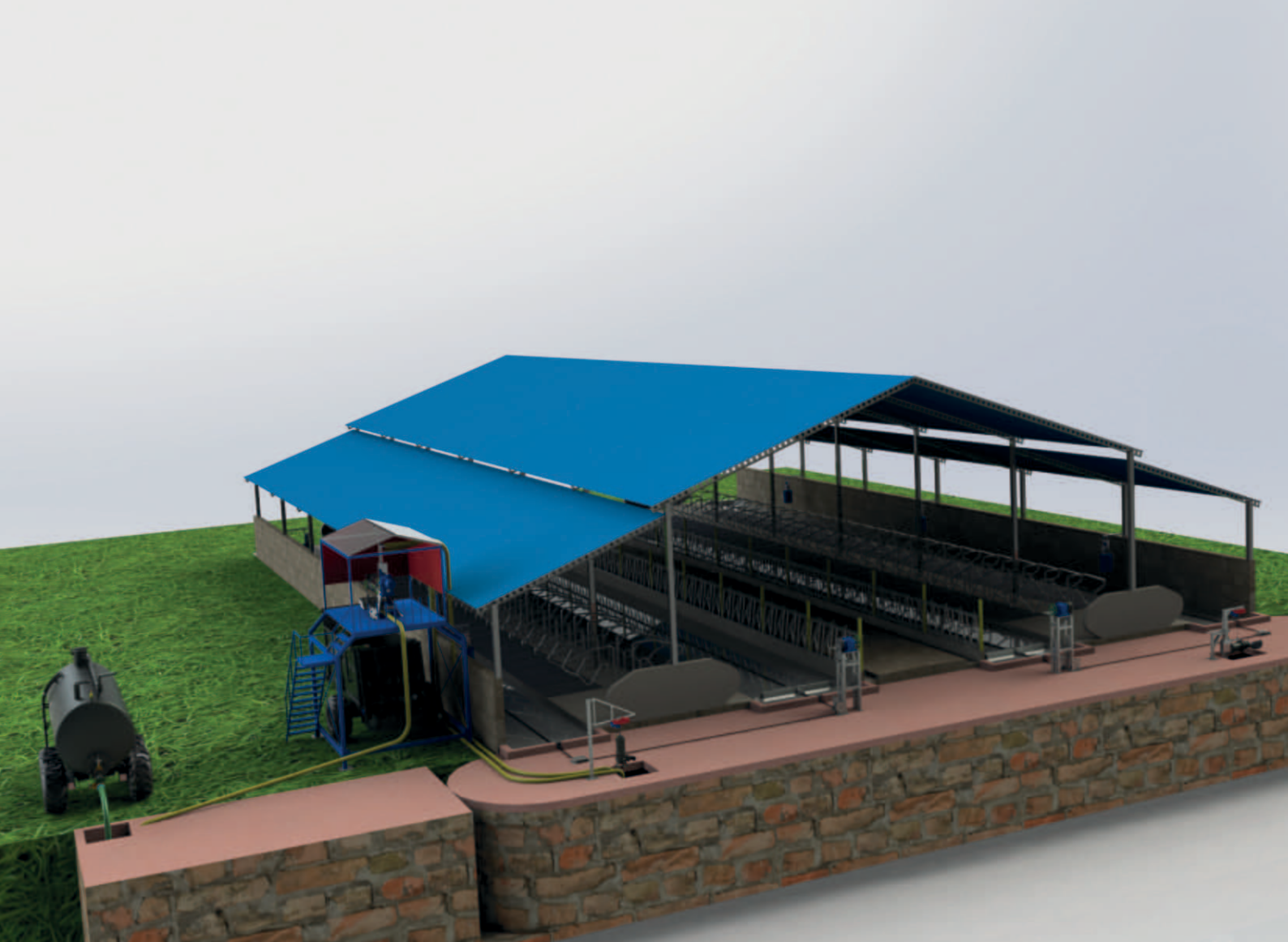
Straw–Stalk Grinder Machine

A Straw–Stalk Grinder Machine, like those offered by Intermilk, plays a crucial role in dairy farms by efficiently processing straw and stalks into smaller, easily digestible particles for livestock bedding or feed. The benefits of having an Intermilk Straw–Stalk Grinder Machine include improved farm waste management, reduced costs associated with purchasing processed bedding or feed, and enhanced livestock comfort and health.

By incorporating an Intermilk Straw–Stalk Grinder Machine into their operations, dairy farm owners can optimize resource utilization and contribute to a more sustainable and profitable farming practice.

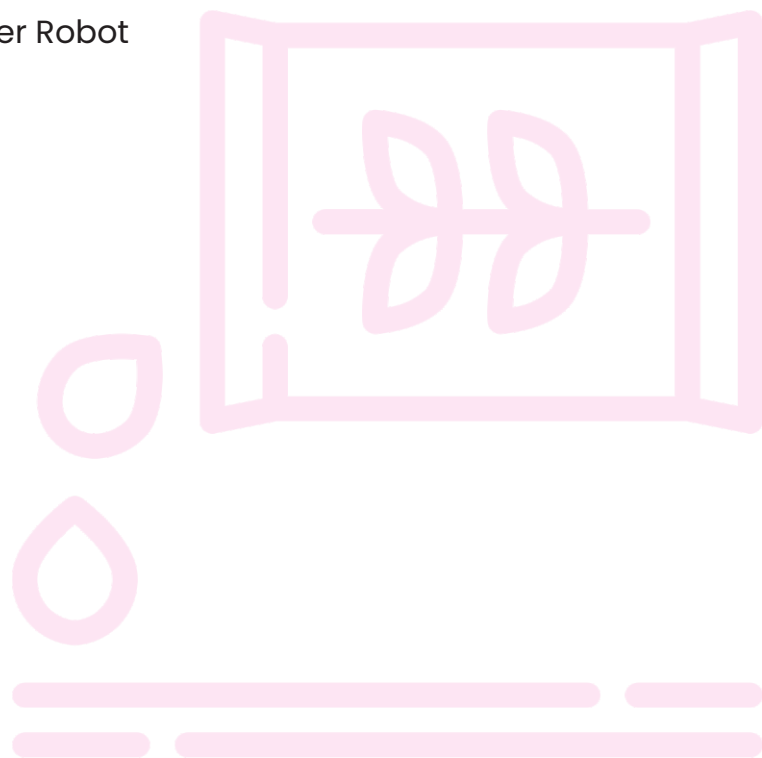


220 V. 3 KW	YE-OSP
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Manure Management

- 77 Manure Scrapers
- 80 I-Can The Autonomus Manure Scraper Robot
- 81 Manure Mixers
- 82 Manure Seperator
- 83 Manure Pump
- 84 Solid Manure Spreader
- 85 Liquid Manure Spread Tanker
- 86 Compost Turner
- 87 Manure Compost

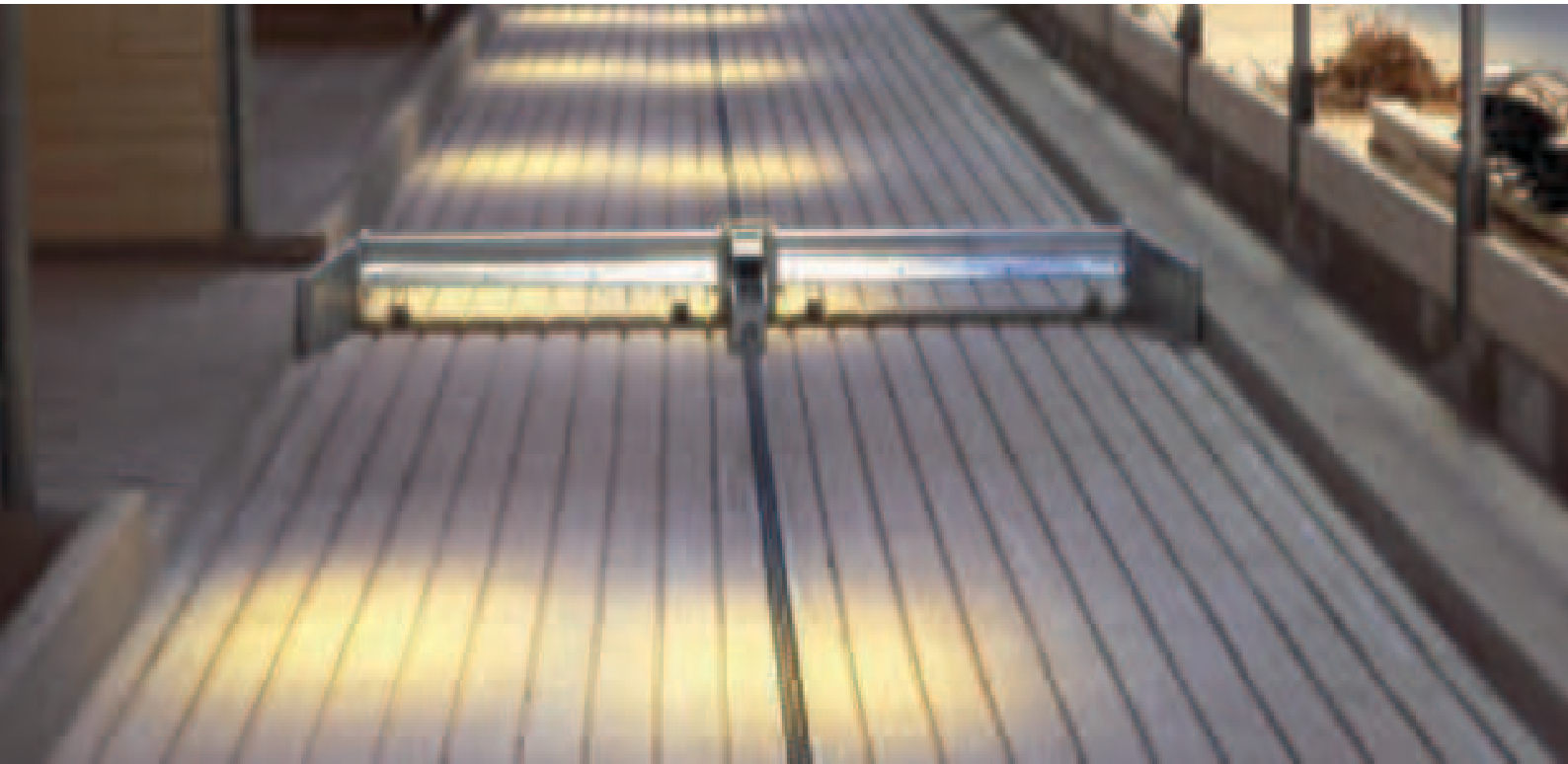




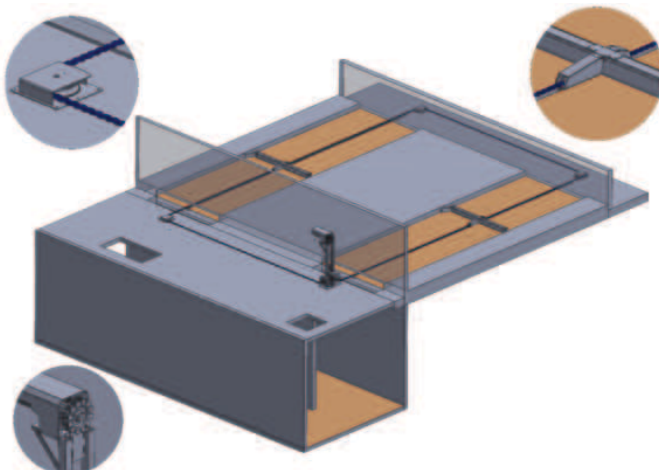
Manure Scraper

Manure buildup in dairy barns is a persistent issue that can cause significant pain and suffering for your livestock, leading to hoof, nail, and lung diseases. The slippery conditions created by unscrapped manure also create dangerous working conditions for both your animals and your farm operators, increasing the risk of costly and potentially irreversible injuries. The frustration and stress associated with managing manure can be overwhelming, but Intermilk offers a solution that can alleviate these concerns. Intermilk Manure Scrapers are designed to efficiently and effectively remove manure from your barn, transforming it into a safer, cleaner, and healthier environment for your animals and staff.

With Intermilk's range of manual and automated manure scraper models, you can easily and quickly eliminate manure buildup without the need for additional labor. By investing in an Intermilk Manure Scraper, you can protect your livestock's health, improve overall farm productivity, and create a more comfortable working environment, all while reducing the stress and challenges associated with manure management.

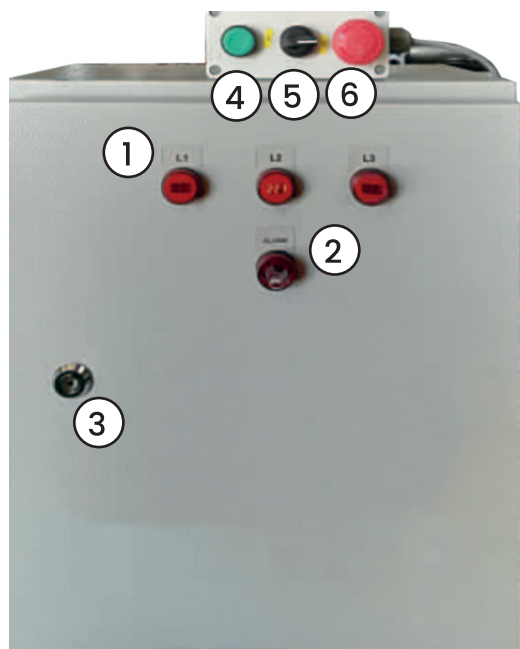


- Chain Manure Scrapers
- Rope Manure Scrapers
- Chrome Rope Manure Scrapers
- I-CAN Autonomus Manure Scraper Robot
- Hydraulic Manure Scrapers





Manure Scraper Panel / Automation



Ref. Code [GY-SP](#)

- 1 Voltage and phase display
- 2 Alarm buzzer
- 3 Can be lock
- 4 Start
- 5 Change work direction
- 6 Emergency Stop



- 1 Follow up where scrapers are
- 2 Follow up work Amp.
- 3 Follow up warning and trouble
- 4 Activating cold mode



Manure Scraper Panel / Automation



- 1 Controlling all settings
- 2 Possible to use English language
- 3 Possible to increase sensitivity to 1/10 second
- 4 In case of obstacle rear and stay times adjustable



- 1 16 different automatic timing mode
- 2 Cycle mode Night / day
- 3 Time cycle mode
- 4 Cold mode / avoid freezing
- 5 Temperature probe
- 6 Interval working time
- 7 In freeze-free mode, the system operates both forward and backward based on the settings. This feature allows for greater flexibility, freeze-free chains and ropes.



Manure Management

I-Can The Autonomus Manure Scraper Robot

Why I-CAN?

PROVIDES A
CLEAN AND
FRESH BARN

DOESN'T
SCARE
ANIMALS

REDUCES
COST
OF
LABOR

HELPS
WORKLOAD
BY WORKING
24/7

SHORTER
CHARGING
TIMES
LONGER
WORKING
TIMES

HEALTHY
&
PRODUCTIVE
ANIMALS

I-CAN?

I-CAN is an innovative autonomous manure scraping robot designed to revolutionize manure management in dairy farms. It offers a more efficient and cost-effective solution to maintaining cleanliness in barns. The robot can operate autonomously or be controlled manually, providing flexibility and adaptability to various farm settings. The unique scraper chamber of the I-CAN robot completely encloses the manure path, ensuring thorough and effective removal of manure from the barn floor. This advanced design not only improves the cleanliness of the environment but also contributes to better overall health and productivity of the farm.



User-Friendly Interface: The I-CAN boasts a simple and intuitive interface, allowing users to easily create both automatic and manual work plans for the robot.

Enhanced Safety: Designed with livestock safety in mind, I-CAN operates at low speeds and features an amp-based obstacle detection system to help prevent accidents.

Low-Maintenance Design: I-CAN has been engineered for easy maintenance, requiring only periodic replacement of a few parts and no need for reoiling.

Versatile Charging Unit: The practical charging unit can be installed anywhere within the barn, making it compatible with a wide range of different farm structures. This flexibility ensures that the I-CAN system can easily integrate into your existing facilities.

Experience True Freedom: Break your chains! With I-CAN, there's no need for any chain or rope connection to guide its path. The robot effortlessly follows the manure path throughout the barn, pushing the waste to its intended destination. This innovative design eliminates the need for chain or rope maintenance and repairs, making I-CAN the ultimate scraper solution for hassle-free barn cleaning.

Technical Specifications

Speed: 2,3 Meters / Minute
Weight: 700 KG
Drive System: Electric Drive
Max. Ground Slope: %5
Operating Temp: -10°C / +50°C
Avg. Power Cons.: 0.36 kWh

Scraper Details

Height: 18 cm
Scrapping Area: 200-450 cm

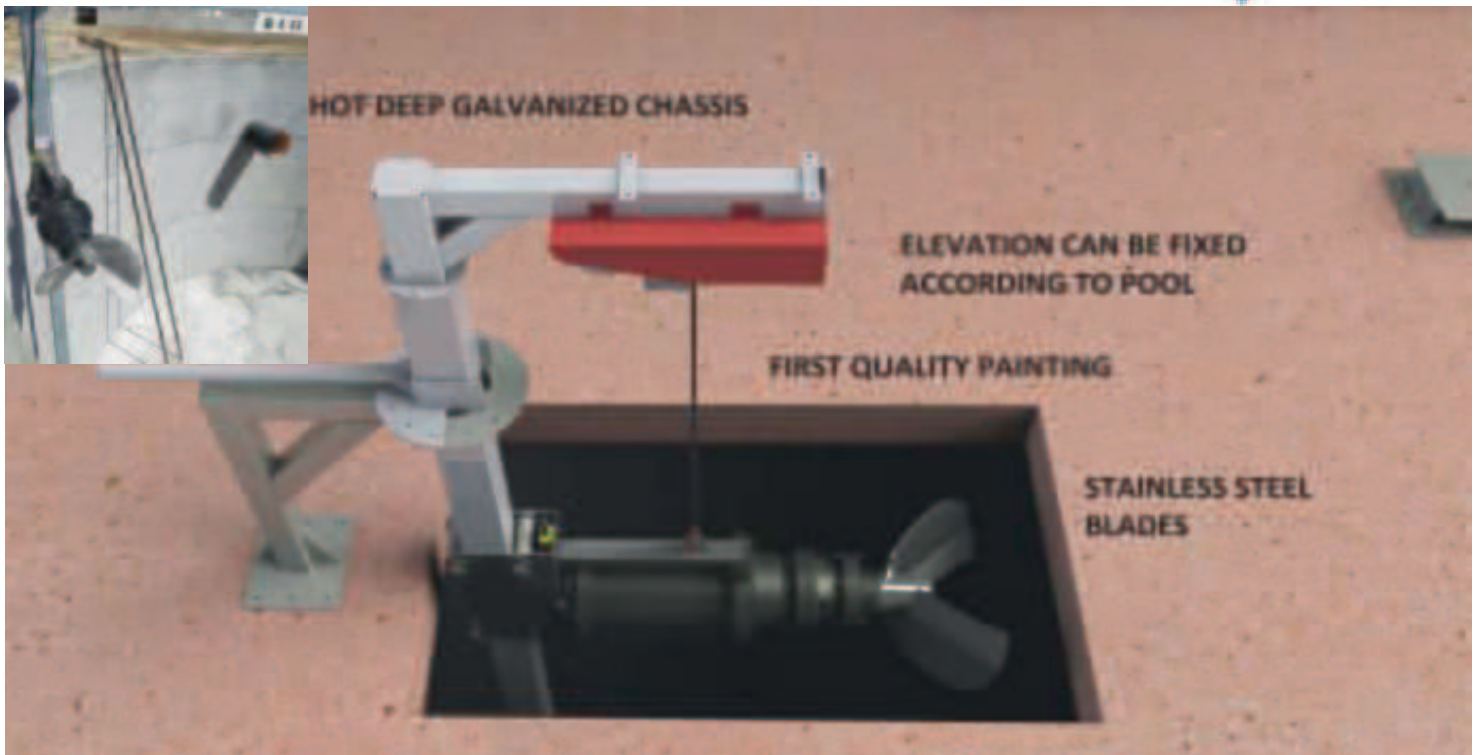
EASY
TO
INSTALL
&
USE

Manure Mixer

Manure management is crucial in dairy farms, and Intermilk understands the importance of effective manure mixing. Properly homogenizing the manure in the pit ensures that it can be easily pumped without clogging pipes, preventing bottlenecks in the pumping process and making it more beneficial for use in agriculture, storage, separation, and bioenergy terminals. Intermilk's manure mixer is designed to be durable, service-friendly, and adaptable to suit the needs of farmers and farm owners alike, regardless of the size of the manure pit. Our mixers come in various power options to meet the specific requirements of your dairy farm. All iron parts, including the tower itself, are hot dip galvanized for protection against corrosion. With the simple push of a button, lower the mixer into the manure pit, and press another to start. The Intermilk manure mixer will efficiently mix the manure to perfection, streamlining your farm's manure management process.



Capacity	Ref. Code
11 KW	GY-GK11
15 KW	GY-GK15
18.5 KW	GY-GK18
22 KW	GY-GK22





Manure Separator

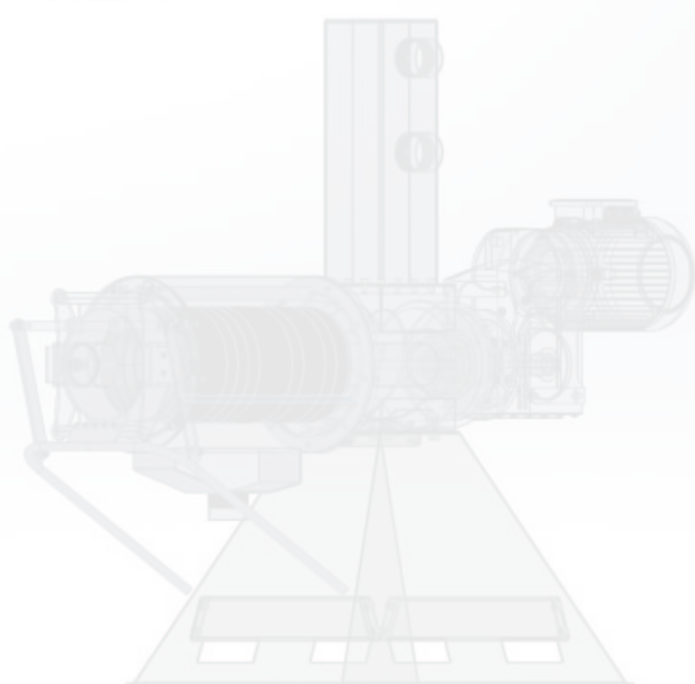
A manure separator is a piece of equipment used in farms & barns for effective manure management. It works by separating the solid and liquid components of manure, which offers several benefits for the farm:

- **Reduced odor:** Separating the solids from the liquids helps reduce the strong odors typically associated with manure storage, creating a more pleasant environment for both livestock and farm workers.
- **Easier handling:** Solid manure is easier to handle, transport, and spread on fields as fertilizer, reducing labor requirements and associated costs.
- **Nutrient management:** Separating the solid and liquid components of manure allows for better control of nutrient application on agricultural lands, ensuring the right balance of nutrients is applied to promote crop growth and prevent nutrient runoff into waterways.
- **Liquid fertilizer:** The liquid portion of the manure, known as effluent, can be used as a valuable source of liquid fertilizer for crops. It is rich in nutrients and can be applied through irrigation systems, reducing the need for synthetic fertilizers and promoting sustainable farming practices.
- **Enhanced bedding material:** The separated solids can be further processed to produce clean, dry, and comfortable bedding material for livestock, reducing the need for purchasing additional bedding materials and lowering overall farm expenses.
- **Compliance with regulations:** Manure management is often subject to environmental regulations. Utilizing a manure separator can help dairy farms adhere to these regulations, avoiding potential fines and penalties. Investing in one of Intermilk's manure separators is a smart choice for your dairy farm as it combines the aforementioned benefits of manure separation with the our commitment to quality, durability, and customer support.

Our advanced technology and engineering expertise ensures you receive a high-performance, reliable separator tailored to your farm's specific needs. By choosing Intermilk's manure separator, you are not only making a responsible decision for efficient manure management, but you are also investing in the long-term success and sustainability of your dairy farm.



Capacity	Ref. Code
5,5 KW	GY-GS600
5,5 KW	GY-GS800
Low RPM, High Dewatering	





Manure Pump

A manure pump is a specialized machine designed to transport manure from storage areas to various locations on a dairy farm, such as fields for fertilization or treatment facilities for further processing. Employing an Intermilk manure pump in your dairy farm offers numerous benefits that enhance your operations and overall farm productivity. By promoting a cleaner and healthier farm environment, manure pumps play a significant role in enhancing farm hygiene. Regular and timely removal of manure using a pump minimizes accumulation in storage areas, benefiting both livestock and workers. Additionally, proper manure management using a manure pump can help reduce runoff and leaching, thus protecting local water sources from contamination.

As Intermilk, we can assure you that manure pumps are versatile machines capable of handling different types of manure, including slurry and semi-solid forms. This makes them suitable for various farm setups and manure management practices. Utilizing an Intermilk manure pump into your dairy farm operations is a wise investment that can lead to efficient manure handling, improved nutrient management, and enhanced farm hygiene, while minimizing your farm's environmental impact.



Capacity	Ref. Code
5,5 KW	GY-GP5
7,5 KW	GY-GP7
11 KW	GY-GP11
18,5 KW	GY-GP18
22 KW	GY-GP22



Solid Manure (Fertilizer) Spreader Trailer

Efficient solid manure spreading is essential for achieving uniform distribution and maximizing the benefits of organic fertilization in agricultural fields. Intermilk's solid manure spreader trailers are designed to provide precise, homogeneous distribution with an extensive spreading range, ensuring that your fields receive equal nutrient coverage. As a result, these Intermilk spreaders help save both time and cost for your farming operation. Here is a list of reasons for you to utilize a solid manure (fertilizer) spreader trailer in your farm:

- **Uniform distribution:** A solid manure spreader ensures even distribution of manure across the agricultural field, leading to uniform crop growth and increased yields.
- **Time and labor-saving:** Using a solid manure spreader significantly reduces the time and labor required for manually spreading manure, allowing farm workers to focus on other important tasks.
- **Improved nutrient utilization:** Efficient spreading helps maximize nutrient uptake by plants, making the most of the valuable organic material in the manure.
- **Cost-effective:** By streamlining the fertilization process and reducing labor costs, solid manure spreaders offer a cost-effective solution for farmers looking to optimize their operations.
- **Environmentally friendly:** Proper manure spreading can help minimize nutrient runoff and leaching, promoting sustainable agriculture and reducing the environmental impact of farming practices.
- **Customizable spreading patterns:** Solid manure spreaders can be adjusted to deliver specific spreading patterns and widths, allowing farmers to tailor the application to the unique needs of their fields.
- **Versatile:** Solid manure spreaders can be used for a variety of organic materials, including compost, livestock manure, and green waste, making them a versatile solution for any farm.
- **Increased soil health:** Regularly applying organic matter in the form of solid manure helps improve soil structure, moisture retention, and overall soil health.
- **Reduced reliance on chemical fertilizers:** By effectively utilizing the nutrients in organic manure, farmers can reduce their dependence on synthetic fertilizers, lowering costs and environmental impact.

Enhanced operational efficiency: The use of a solid manure spreader can be integrated into a farm's overall management strategy, improving overall efficiency and productivity.



Capacity | 5 - 10 - 15 - 20 Tonne

Axle	Capacity	Ref. Code
1	5 Ton	GY-KGD5
2	10 Ton	GY-KGD10
2	15 Ton	GY-KGD15
2	20 Ton	GY-KGD20



Liquid Manure (Fertilizer) Spreader Trailer



The Intermilk Liquid Manure (Fertilizer) Spreader Trailer is designed to efficiently manage and distribute not only liquid manure but also homogenized manure that hasn't been dewatered. With this versatile equipment from Intermilk, you'll be able to streamline your agricultural operations, save time, and reduce costs, thanks to its high and wide spreading range. One of the challenges faced by farmers is the effective utilization of manure for fertilization while minimizing labor and environmental impact. The Intermilk Liquid Manure Spreader Trailer addresses these concerns, providing a reliable and eco-friendly solution for nutrient management on your farm.

Here is a list of reasons for you to utilize a liquid manure (fertilizer) spreader trailer in your farm compared to solid manure (fertilizer) spreader trailer:

- **Efficient nutrient delivery:** Liquid manure spreaders provide a quick and efficient means of delivering nutrients to the soil, leading to rapid plant uptake and improved crop performance.
- **Precise application:** Liquid manure spreaders can be equipped with advanced application technology that allows for precise control of application rates, helping to minimize nutrient waste and environmental impact.
- **Reduced soil compaction:** Liquid manure spreaders can help reduce soil compaction by distributing the weight of the load more evenly across the field.
- **Faster absorption:** Liquid manure is more readily absorbed by the soil, resulting in a faster response from crops and better utilization of nutrients.
- **Easier handling and storage:** Liquid manure can be stored and transported easily, reducing labor and equipment requirements for handling and storage.
- **Better adaptability to weather conditions:** Liquid manure spreaders can operate under a wider range of weather conditions, including wet and dry conditions.
- **Lower odor emissions:** Liquid manure spreaders often produce fewer odor emissions as liquid manure can be more efficiently injected into the soil or applied using low-trajectory methods.
- **Customizable nutrient content:** The nutrient content of liquid manure can be adjusted easily, allowing for targeted application based on specific crop requirements and soil conditions.

Axle	Capacity	Ref. Code
1	8 Ton	GY-SGD8
1	10 Ton	GY-SGD10
2	14 Ton	GY-SGD14
3	20 Ton	GY-SGD20



Compost Turner

When it comes to managing organic waste on a dairy farm, Intermilk compost turner machines are an invaluable tool. They simplify the composting process by mixing and turning the materials in the compost pile, which helps to break down the organic matter into rich, nutrient-packed compost.

One of the fantastic benefits of using an Intermilk compost turner machine is that it allows dairy farmers to efficiently manage their organic waste, such as manure and bedding materials. Instead of having these materials pile up, they can be transformed into a valuable resource – compost that can be used on crops or in gardens. Plus, the composting process unlocks essential nutrients, making them more readily available to plants. This process alone can really improve soil health. Adding compost to the soil helps to create better soil structure, retain water more effectively, and encourages the growth of helpful soil microorganisms. In the long run, this means healthier, stronger crops, which can lead to better yields and a more productive farm.

On top of all that, an Intermilk compost turner machine can help dairy farmers minimize their impact on the environment. By composting waste properly, farmers can reduce greenhouse gas emissions, unpleasant odors, and the risk of nutrient runoff or leaching. It's a greener way to manage waste on the farm all the while reducing your costs by a great margin. By creating high-quality compost right on the farm, there's no need to spend extra money on commercial fertilizers or waste disposal services.

Ref. Code [GY-KK](#)





Manure Compost

In the Intermilk compost drum, fermentation occurs when aerobic bacteria break down the fertilizer at a specific humidity level. This process effectively destroys harmful weed seeds, pathogens, and harmful bacteria as temperatures within the drum reach 68–70°C. As a result, you obtain nutrient-rich organic fertilizer, with a daily capacity of 25 m³. (Manure should be kept at 70°C at least for 1 hour)

To further enhance the composting process, consider using an Intermilk compost mixer to mix the manure with the compost evenly. This automatic system operates with a PLC system, ensuring smooth and efficient functioning. Equipped with two motors – a 4 kW motor for drum rotation and a 1,1 kW motor for ventilation – the Intermilk compost drum provides an optimized composting solution.

The whole process goes in an automatic motion and can be controlled via control panel. You have access to valuable data as humidity, temperature, pump, mixer and the drum itself. After roughly 72 hours, the process will be complete and you'll have access to manure that is completely purified from harmful bacteria and unnecessary foliage.

Ref. Code GY-GKT

Capacity	15m³/day
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