Pioneers of Modern Milking

1878-2017
130 Years
Global Presence

1992-2017
25 Years
India Operations

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We live milk
DeLaval is a technology leader offering Integrated Milking Solutions and Consumables for dairy farms that improve the performance of farms for professional milk producers. Our products, solutions and services are designed to enable dairy farmers around the world to produce more milk more efficiently. This means using less natural resources and limiting their operations’ impact on the environment whilst maintaining a healthy profit margin.

We provide highly efficient and automated solutions for milking, herd management, animal traffic control, feeding, cooling, manure handling, ventilation and cow and calf care.

We pride ourselves on our ability to provide any dairy farmer around the world with everything they need to ensure a successful dairy farming business. Here is a selection of DeLaval products, solutions and services:

**Milking**

DeLaval provides both automatic and conventional milking systems. Examples include our flagship DeLaval voluntary milking system VMS™, which has been installed in farms around the world while DeLaval automatic milking rotary AMR™ is the first-ever fully automatic milking rotary.

On the conventional milking side, we have got best performing solutions from bucket milking to parallel and rotary systems with a wide range of options to suit varied requirements. All of our milking solutions are flexible and are designed to enable farmers to expand their operations as they need.

**Animal welfare and comfort**

Our products and solutions are designed with animal welfare in mind. These ensure prime cow health and high milk yields of the best quality. Extensive research into calf care and cow longevity has helped us in the design of animal shed systems, feeding systems and disease detection and prevention.

When it comes to hoof care, we don’t just look at regular hoof baths but the bigger picture of clean and stable flooring, ventilation, mattresses and mats. Our manure handling & management systems come into play here also. We have a full range of solutions depending on the farm type, size and location.

**Feeding**

Our feeding solutions are designed to minimise the time consuming task of feeding while improving feed accuracy. DeLaval has a range of products and solutions designed to improve automation of the feeding process for dairy animals.

**Animal shed systems**

Our animal shed systems are designed with cow comfort and well-being in mind. Extensive research has helped us determine the right size of space required keeping animal needs in mind, with the best mattresses, mats, scrapers, feeding stalls, water troughs and flooring all integrated into one cow comfort solution.

**Farm support**

When it comes to farm support, DeLaval has extensive experience of researching and collaborating with universities and other professional experts to better understand the best way to manage farms so our customers have healthy, strong and productive herds. Examples of our farm support portfolio includes DeLaval DePro™, which runs a series of programs designed to give dairy farmers the right recommendations to ensure they get the best from their herd. DeLaval InService™ solutions then ensure that farm equipment is always running smoothly and our consultants are on-hand to give advice on the best solutions available.
DeLaval at a glance

• Part of Tetra Laval Group
• Twice the size of biggest competitor
• Our own dairy farm and dedicated R&D facility at Tumba, Sweden since 1901
• Market leader since 130 years

DeLaval 130 years’ journey...

1878 Separator
Gustaf de Laval patents the world’s first cream separator

1895 Hamra Farm
AB Separator acquires Hamra Farm

1903 National Fair
First time that Hamra hosts a national agricultural fair

1883 AB Separator
Original company founded by Gustaf de Laval and Oscar Lamm

1917 Vacuum-operated Milking machine
Introduction of the first milking machine with pulsation vacuum

1930 Rotary
The first rotary parlour, the “Rotolactor” installed in New Jersey, USA

1977 Duovac over-milking protector
New system introduces variable vacuum levels during machine milking

1978 ID
Launch of the first automatic identification system for livestock

1978 Hamra 3D
International conference on New Dimensions in Dairy Development

2003 Herd Navigator™
Analysis tool for mastitis, reproduction, metabolic disorders and feed problem balance

2003 Hamra 3D
Complete dairy farm management software system

2007 Duovac over-milking system VMS
Automatic milking system launched

2009 DeLaval DelPro™
DeLaval launches next generation VMS with DeLaval online cell counter OCC

2006 DeLaval online cell counter OCC
DeLaval cell counter OCC is launched, enabling farmers to measure SCC on the farm in less than one minute

2007 Herd Navigator™
Analysis tool for mastitis, reproduction, metabolic disorders and feed problem balance

2009 DeLaval DelPro™
Complete dairy farm management software system

2013 DeLaval Clover™ Linner
The gentle liner that delivers

2015 DeLaval body condition scoring BSC
First automated body condition scoring

2015 OceanBlu™
Introducing non-iodine teat dip

2015 DeLaval mini swinging brush MSB
Keeps animals calm, clean and healthy


100+ Countries

1 million+ Dairy farmers served

19+ Manufacturing facilities

1 500+ Patents

19+ Manufacturing facilities

1 500+ Patents
A dairy farmer and his cows have a unique, symbiotic relationship. The well-being of cows is the key to a dairy farmer’s prosperity. DeLaval understands this perfectly, which is why its operational focus has great simplicity and clarity – Nourish and Flourish.

DeLaval’s dairy solutions are qualitatively and commercially designed and customized to nourish cows and ensure dairy farmers flourish. Here’s how:

**Cow-friendly DeLaval**
- animal comfort • stress-free • pain-free milking
- longer productive life • call-care

**Farmer-friendly DeLaval**
- better quality milk • more milk • time saving • labour saving
- cost saving • farm profitability • service-reach and efficiency
- one-stop solution • peace of mind • global quality made for India
- longer machine life • user friendly

Long Live the cows!
DeLaval Customer Segments

Whether a dairy farmer has 5 animals or 50,000 animals, DeLaval is equipped to provide customised, commercial milking solutions to meet their specific requirement. Because no one knows cows and milking better than DeLaval. We have products for every single requirement that arises on a dairy farm, which contributes to high-quality, problem-free functioning, profitability and well-being.

Solutions for Small and Emerging Farmers

Bucket Milking
(up to 50-60 herd size)

Every year, DeLaval educates and helps over 2,500 small dairy farmers to shift from hand milking to the proven benefits of machine milking. Today DeLaval has an installed base of more than 20,000 milking machines in India.

Speedline Parlours
(up to 100 herd size)

Speedline Parlours are entry-level pipeline operated / equipped, mechanized milking systems for high quality clean milk, ideal for medium size dairy farms with a herd size of 50-100. Speedline parlours are highly recommended for progressive dairy farmers who are keen on switching from bucket milking to mechanized milking to expand their operations. DeLaval’s Speedline parlours have been specially developed for countries like India and facilitate rapid growth of herds with the help of latest milking technology. Future upgradation to complete automation is also possible.

Advantages:
- Milk from cow / buffalo udder flows directly to bulk milk cooler through SS pipeline:
  - Completely untouched, high quality clean milk
  - Convenient for milker
  - Less manpower for same work
  - Mechanized cleaning in place – CIP
  - Clean equipment and pipeline
  - Existing bucket machine components can be used, if available
  - Quick to set up and start up
  - Can be installed with or without a milker’s pit
  - Can be set up in existing dairy farm with few changes
  - Payback period of about 2 years
  - Easy to upgrade further with low investment

Unique Duovac Technology for Buffalo Milk let down

- Stable vacuum = Efficient milking, Optimized pulsation = no damage to teats
- The unique synchronization of pulsator and vacuum control, provides perfect milking comfort for animal

Advantages: Long Term
- Reduced dependency on labour
- Possible to increase herd size easily
- Increased business profitability and productivity

Advantages: Tangible
- Improved Milk Quality – decrease of SCC Count by 13%
- Complete milking – 17% increase in milk yield
- Time Saving – 25% less time than hand milking
- Payback – Less than 2 years
- Improved Udder Health – less chances of mastitis
- More time for farm management
Herringbone Parlours
(up to 500 herd size)

Our Herringbone parlours are designed to improve animal comfort and better milker interaction. The labour-efficient parlours promote calm and harmonious cow traffic resulting in short but effective and stress-free milking sessions.

Advantages:
• Optimal labour efficiency – calm harmonious animal traffic. Shorter milking sessions
• Full automation. Different levels of control. Entire operation or some operations only
• Front exit for fast exit of animals
• Free hanging / suspended parlour stalling
• Closer to milker – safer and more comfortable milking
• Low-line milking system
• Excellent cow positioning
• Strong and durable
• In parlour feeding option
• Maximize capacity in existing space

DeLaval parlours give you and your animals a comfortable, speedy and modern milking system for your dairy farm. Our parlours provide speedy throughput and fast milking given their clever design with wide entrance lanes allowing effortless turning for the animals.

DeLaval’s MidiLine™ Parlours are low input, high throughput milking systems, which help growing dairy farms use time and resources efficiently by making automation affordable. This is a cluster efficient solution. Clusters are positioned in the middle of the pit, which swing over to serve both sides of the pit.

Advantages:
• Easy to use, maintain and manage
• Milks quickly, gently and completely
• High throughput – cows enter smoothly, settle quickly and exit swiftly
• Efficient installation due to modularity
• Shorter operating times, fewer milking points ensure lower maintenance costs
• Smart investment - High cluster utilization per rupee invested, enabling faster payback on your investment

Solutions for Big / Commercial Dairy Farms

Today, India is the largest producer of milk and that is because more and more enterprising dairy farmers are choosing to grow into professionally organized, quality conscious, commercial outfits, adopting modern milking and dairy technology. For these ambitious dairy farms, DeLaval offers fully automated and suitably designed dairy farming systems, which match operations of different sizes, that can be progressively up-scaled.

MidiLine™ Parlours
(upto 300 herd size)
Parallel Parlours
(up to 2,000 herd size mega farms)

Our parallel parlours help you achieve fast throughput by ensuring animal traffic runs smoothly, milking equipment performs optimally, and milking is fast and effective.

In this way, you can maximize throughput and milk yield, while minimizing costs per litre of milk.

After all, throughput is the fast-lane to profitability.

Advantages:
- High milking efficiency and continuous operation
- Animals brought to milker. No time wasted walking from cow to cow
- Each cow has own stall. Same at every milking
- New animals learn easily
- Cow traffic management very easy
- Platform operating continuously

Rotary Parlours
(above 2,000 herd size mega farms)

DeLaval is at the cutting edge of rotary milking systems with more experience than anyone else on the market. Our first rotary parlour dates back to 1930.

DeLaval rotary systems are among the most efficient and cost-effective solutions available to the modern dairy farmer, regardless of herd size, type or farming styles.

Advantages:
- Very short walking distances
- High safety for milkers
- Spacious turning area
- Different capacity levels to suit needs of farms
- Automatic cluster removers
- Adjustable floors in milker pits
- Minimal installation time

Benefits:
- Fast-throughput
- Exceptional cow comfort
- Operator friendly
- Integrated automation
- Robust and reliable
- Fast installation
- Low maintenance
- Easy to upgrade

Take full advantage of the complete and intelligent DeLaval Farm Management System. With ID, Milk Point Controllers, ICAR approved milk-meters and DelPro Herd Management software you'll have all data and analytics about your herd at your finger tips.

Alternatively start simply with the automatic cluster removers and milk yield indicators and over time upgrade to a more advanced system. DeLaval parlours put you and your animals at the heart of your dairy operation, regardless of the size of your herd.

Advantages:
- High milking efficiency and continuous operation
- Animals brought to milker. No time wasted walking from cow to cow
- Each cow has own stall. Same at every milking
- New animals learn easily
- Cow traffic management very easy
- Platform operating continuously

Benefits:
- Comprehensive range of solutions and options
- Animals come to the operator allowing for a smooth milking routine at a constant pace with maximum efficiency and comfort
- Efficient operation leading to reduced labour costs
- Great cow comfort and stress-free milking for optimum milk let-down
- Flexible solutions. Possible to set different levels of automation
- Solutions for small and large herds all the way up to full day milking operations

These durable rotary parlours are designed to be energy-efficient and future-proof making them a profitable investment for any dairy farm.
DeLaval Feeding Solutions for Improved Milk Productivity

Your herd requires regular feeding of specific, well mixed rations for optimal milking performance. DeLaval has developed hi-tech feeding solutions – a system that loads, cuts, mixes and distributes feed automatically, day and night. This ensures minimum feed wastage and saves several hours of labour time. DeLaval Mixer Wagons specialize in TMR (Total Mix Ration) which makes sure all ingredients of a feed are mixed perfectly in the right proportion into a homogenous mass.

TMR (Total Mixed Ration)

Feeding a total mixed ration (TMR) that contains all the feeds and nutrients required by the cow is an effective, efficient and profitable way to feed dairy cows.

Lesser Wastage with Correct Feeding: Higher Milk Yield

A TMR or Total Mixed Ration is a method of feeding cows that combines all forages, grains, protein feeds, minerals, vitamins and feed additives formulated to a specified nutrient concentration into a single feed mix. DeLaval’s feeding solutions also allow farmers to ensure the right balance for each cow, or group of cows, according to their stage in the lactation cycle, improving performance and significantly cutting feeding and capital costs.

Feeding is the largest single cost driver on a dairy farm representing up to 50% of running costs. Optimising feed management is therefore a profitable investment – one that can improve herd health, reproduction and productivity, while reducing costs and environmental impact.

- Accurate and reliable automatic filling, mixing and distribution of feedstuff minimises labour, feed costs and waste
- High feed quality and feed delivery maximises milk production
- Use your existing equipment and connectivity to build hi-tech automation into your feeding – step by step
- Integrated automation for planning and delivering optimal ration for cows
- Consistency and Accuracy in weighing – Right Feed Formulation
- Huge Labour Saving and Improved FCR – Increased Profitability

DeLaval Feed Software Optimat

DeLaval Optimat is a feeding system that will reduce your work load by hours every day. It still also give you control over the relationship between feed and milk yield. In other words, it can help you cut costs, while boosting output. This makes it possible to program the scales and perform follow-ups of your feed operations.

Together with the weighing equipment, the control system manages the different modules that make up Optimat. Safety has been hard-wired into each Optimat module, on top of which the control system adds an extra level of safety.

DeLaval Feed Stations

DeLaval feed stations enable you to programme an individual feeding plan for every cow, based on her lactation phase and milk yield. Individual feed planning ensures that each cow receives the right level of feed throughout her cycle; stepping up feed intake at the start of lactation and reducing it towards drying-off. DeLaval Feeding stations can be connected to Optimat Feed Software.

Silage Innoculant

From the minute forage is cut, its nutrient value begins to degrade. The goal is to minimize this degradation and conserve the greatest amount of digestible protein and energy. To do this, oxygen must be eliminated and acidity must increase so that lactic acid bacteria can grow, stabilize and “pickle” the silage. Bacterial inoculants have been shown to improve the growth of lactic acid bacteria. Feedtech™ Silage F400 is a pre-mixture of Lactobacillus buchneri which improves the aerobic stability of silage.

DeLaval Calf feeders

Calves need to be fed appropriately and often in order to assimilate their food properly. DeLaval automated calf feeders help you to maximise the health, growth and future potential of all your calves by providing the right feeding programme for each animal.

The benefits include:

- Fast weight gain
- Good health
- Speedy development of the animal as a ruminant

A DeLaval automated calf feeder also allows you to wean your animals off milk gently, making the experience far less traumatic for them. DeLaval calf feeders imitate natural rearing and provide relaxed and stress-free feeding. Most importantly they suckle from a teat, which provides many advantages compared with bucket feeding:

- Promotes natural suckling behaviour
- Reduces cross-suckling
- Increases saliva production
- Makes calves drink more slowly
- Prevents milk from entering the rumen
DeLaval offers a complete range of products to take care of every aspect of the manure management process from mechanical scrapers and other cleaners all the way to manure tanks for spreading the manure on farming lands.

- Better hygiene reduces hoof problems and veterinary costs
- Clean animals reduce milking preparation time
- Hygienic milking sessions secure milk quality and value
- Manure can become your 2nd important Energy and Income Source
- Mechanized Manure Handling – Negligible Labour Doing MORE (Revenue & Energy) with LESS (Labour and Environmental Pollution)

DeLaval DelPro™ Farm Manager is a complete dairy farm management system that connects the different elements of the barn and records, monitors, and analyzes data of animals and systems.

It supports five basic focus areas of Farm Management – Reproduction, Health, Milking, Feeding and Performance. Intimations and alarms for due dates and deviations are prompted in the monitor board (dashboard) and the farm manager can easily see the desired information.

This powerful farm management system gives all the information needed to make those all important farming decisions to keep the herd producing at maximum efficiency and capacity.

System integration with DeLaval DelPro™ Farm Manager provides a comprehensive suite of tools to make those important management decisions – making this system the most advanced farm management system yet.

DeLaval DelPro™ Farm Manager collects information and presents it in the form of clear tables, charts and graphics for analysis together with the available calculated short term and long term KPIs. In addition expert modules give farmers the ability to keep track of on farm vaccination protocols, veterinary visits and standard operating procedures linked to all data available in the system.

Implementing DeLaval DelPro™ farm manager is simple and cost-efficient. There is no need to rebuild or change the layout of an animal shed, or re-educate the animals. All automation devices are independent of each other. A farmer can add devices one by one. For instance he can start with only Automation of milk measurement first and later he can add Activity OR Sort Gate OR Automatic Weigh System in the same software.

Benefits:
- Monitors animal performance, from feeding to animal health, to milking and reproduction. Simplifies daily operations on farms.
- Analysis of every activity/area – achieving long term goals
- Collects accurate data 24 x 7 – Easy decision making
- Improved Fertility, Health, Production, Efficiency and Breeding
- Helps for ID, monitoring Feed Intake, Milking, Sorting, Milk Quality
- Leads to ease in Management and Higher Profitability

DeLaval – Manure Assortment

DeLaval’s manure systems are developed to offer the best solutions for a sustainable dairy operation, and can be tailored to fit farms of different needs, size and purpose. Efficient manure handling from cleaning and collection through treatment, transfer and storage, reduces costs, improves the health of the herd and productivity of the farm.

A complete manure system is composed of several subsystems:

- Cleaning
- Collection
- Treatment
- Transfer
- Application

DeLaval offers a complete range of products to take care of every aspect of the manure management process from mechanical scrapers and other cleaners all the way to manure tanks for spreading the manure on farming lands:
- Better hygiene reduces hoof problems and veterinary costs
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- Manure can become your 2nd important Energy and Income Source
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**DeLaval Cow Comfort and Udder Health Solutions**

Our cow comfort approach takes into account the entire needs of the cow around the clock to ensure that your herd gets the best possible treatment and stays healthy, strong and productive.

This means creating clean and easily-accessible resting areas, feeding and drinking areas and walking areas on your farm. Our fully integrated approach means we have cubicles, mattresses, scrapers, feeding stalls, water troughs and flooring all integrated into one cow comfort solution. On top of that is the full range of ventilation and lighting options all with cow comfort in mind.

We understand cow herd behaviour and how to best take care of your cows to ensure their comfort and ultimately their health and productivity.

**DeLaval Swinging Cow Brush**

Our unique industry-leading DeLaval swinging cow brush (SCB) stands at the centre of our cow comfort solutions as a flagship product that can directly result in an increase in milk yield, up to one kilogram of milk per cow per day.

An irritated cow or buffalo rubs her head, neck, body against mangers, posts, wall or sharp objects to get rid of itch. This could cause injuries to the animal body. A cow in tied up system is often under stress as it cannot rub her body freely. This diverts her attention and energy from feeding, milking and rumination which can affect milk yield.

**Advantages of grooming:**

- Increased blood circulation under the skin
- Clean and comfortable cows
- Increased performance

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**DeLaval Sort Gates and Partitions**

DeLaval offers a wide range of partitions and gates, so you can choose what will best fit your requirements. You will get the most benefit from these simple systems if you consider where you would like to use the gates, and for what purpose, when you are designing your barn. They can be installed in different areas, giving you some flexibility in using the gates as part of your herd management; and they can be repositioned as needed, for instance for herd expansion. These gates and partitions are fit for many different situations.

**DeLaval Cubicles**

For cows to rise up or lie down, the resting area must provide freedom for vertical, forward and lateral movement without obstruction, injury or fear. A cow rising up needs freedom to lunge forward, bob its head up and down, and stride forward. A cow resting also needs freedom to lunge forward and bob its head. DeLaval has a wide range of cubicles for free-stall systems and they are designed for use with all age groups to ensure a perfect resting area.

**DeLaval Ventilation Solutions**

The dairy’s ventilation system should prevent high humidity in winter and heat build-up in summer. Proper ventilation consists of exchanging barn air with fresh outside air uniformly throughout the structure. The required rate of air exchange depends on a number of variables, including the conditions of the outside air (temperature and moisture level), animal population and density. A properly designed and managed system results in shelter air that is nearly equal in quality to the outside air on a year round basis. The shelter air’s concentrations of manure gases, dust and pathogens should be low and the relative humidity should be about the same level as that of the outside air.

DeLaval offers a complete range of solutions for both mechanical and natural ventilation, to provide the well ventilated conditions your cows need for optimal health and productivity throughout the changing seasons.

**DeLaval Rubber Mattresses**

The average cow spends about 14 hours a day, laying down. When a cow lays down she puts 2/3rd of her body weight on her front knees. Hard flooring and likes cause injuries, wounds on knees joints that make it difficult for her to lay down and stand up frequently. This affects resting and rumination and has a negative effect on milk production. Her highly sensitive milk producing organs, udder and teats, also need to be protected against rough, hot / cold flooring. Her hooves should always be dry.

DeLaval rubber mats provides cows with a premium comfort solution that encourages them to follow their natural behavior of drinking, eating and resting. They can remain comfortable while laying down for hours.

**How a cow stands up**

1.  
2.  
3.  
4.  
5.  
6.  
7.  
8.
DeLaval Udder Health Solutions

Udder health is a key factor in maintaining a healthy, productive and profitable herd. DeLaval offers a range of udder health products from milking gloves, towels, soaps and above all, teat dips. DeLaval's udder health products help prevent and control mastitis and other bacterial infections, keeping cows healthy, comfortable and more productive. DeLaval's teat dips are tried and tested with our comprehensive range of farm equipment to ensure that every component works perfectly together.

Our teat dips are the result of extensive research and development, and are put through exhaustive tests and clinical trials before they are deployed on farms.

DeLaval Somatic Cell Counter

Somatic cell count is an important indicator for milk and udder health. With an udder infection, the cow’s body defensively sends somatic cells to the gland and the quantity of these cells can be counted, in the milk. DCC provides on-the-spot readings within a minute and helps quality focus.

DeLaval Dipal

Teat dipping after milking with DeLaval Dipal Solution causes formation of protective film around teat. It ensures prevention of microbes entering into udder and thus protects udder of cow from infection of mastitis.

DeLaval LactiFence™

DeLaval LactiFence™ defends against and attacks mastitis causing bacteria - helping to protect your productivity and profit. The defensive properties of LactiFence's barrier film help prevent bacteria from entering the teat canal. This is combined with the broad-spectrum disinfectant capabilities of activated lactic acid, which attack bacteria and provide long-lasting teat disinfection. And because lactic acid is an all-natural substance, you don’t need to worry about unwanted residue in your milk.

DeLaval Biofoam

DeLaval Biofoam is a patented foaming solution designed to prepare the cow’s udder for milking. It is specifically developed for farmers who are focussed on achieving high milk quality and animal health. The soft but effective cleaning ingredients in DeLaval Biofoam work together with the application's foaming action to completely and naturally clean teats. The solution is based on a patented mixture of natural compound that is proven to be safe for your milk, your cows, the environment and yourself.

DeLaval CMT kit

Mastitis is the costliest disease in Dairy Farming Industry. Un-cleaned cow shed, incomplete milking and unhygienic milking practices are main causes of Mastitis. One incidence of mastitis to a milking cow costs approximately, Rs. 5,000/- including cost of treatment and milk loss. Prevention of mastitis is the best solution instead of spending on treatment, medicine costs and milk loss. If a farmer can easily identify mastitis infection at an early stage, it will help avoid further losses!

To diagnose Mastitis at initial stage “California Mastitis Test” is the simplest and most effective way.

DeLaval Cooling Tanks

DeLaval leads the dairy industry with a complete range of milk cooling solutions. We design heavy duty bulk milk cooling tanks to meet your distinct cooling needs.

DeLaval open type milk tank ranges from 500 Litres to 1000 Litres while closed type milk tank ranges from 2000 Litres to 32000 Litres. Our Automatic cooling – CIP control unit protects milk quality and ensures complete cleaning without any manual efforts.

All DeLaval tanks are engineered as per ISO 5708 and DeLaval’s global manufacturing units have quality certifications - ISO 9001:2000, ISO 14000 and LNE. The cooling solutions comply with 2AUL performance classification in India.

Insulation

All DeLaval tanks are insulated with high density, environment-friendly foam which protects against energy loss from the chilled milk.

Easy to Clean

Smooth radius (Ra≤ 0.1µm), 220 grit surface finish – easy to wash, free of residue.

Preventing fat losses

No-foam Milk Inlet.

Accurate Milk Calibration

All DeLaval tanks are calibrated for correct milk quantity.

Perfect heat transfer

Milk is increasingly sensitive to mechanical impact as its temperature falls. Our milk agitator with unique design, centrally positioned in the tank and gentle speed distributes perfect heat transfer from evaporator within two minutes. This design also facilitates in starting cooling process with only 5% milk filling.

Rapid cooling

Unique turbulent flow large evaporator delivers high heat absorption ratio.
Dairy farm products and consumables

Farm Wear
1. Safety boots
2. Milking overall

Calf care
1. Calf feeding bottle
2. Calf feeding bucket
3. Calf box
4. Calving aid

Other
1. Automatic weigh system - AWS
2. Footbath
3. Water trough

Farm Supplies
1. Water bowl
2. Cattle Weaner
3. Non kick bar
4. Neck band / numbers
5. Curry comb circular
6. Grooming brush plastic
7. Curry comb rectangular

Milk Quality and Animal Health
1. Fly string
2. Fly sheet
3. Hoof cutters
4. Hoof blade
5. Tank cleaning brush
6. SS handle for milk tube brush
7. Milk tube brush with nipple
8. Claw brush
9. Combination brush
10. Fore milk cup 2 piece

Consumables
1. Automatic teat spray unit
2. Novacid
3. Basix
4. Milk filter sock with box
5. Short pulse tube
6. Milk tube transparent
7. Twin pulse tube transparent
8. Milk tube rubber
9. Original Liners
10. Vacuum pump oil
InService™

You’ll find that all of our advisors – architects, engineers, agronomic consultants and veterinarians – are highly qualified. Whether it’s a question of increasing herd size, boosting throughput or fine-tuning milking routines, they will help you make the right decisions.

DeLaval Mission
We team up with customers for results that last.
We innovate and expand in new segments and new geographies.
We provide integrated solutions and ensure that everywhere we do business, we lead.
We exist for the customer – around the clock.

Why DeLaval

Benefits:
• High Quality, Reliable and Robust milking systems
• 130 years of continuing R&D, commercial innovation and commitment to excellence. Global learning, local solution
• End to end comprehensive solutions
• Profitability of dairy farmer + care of animal = Optimal success
• Single point contact – time and energy saving
• Timely and correct Implementation of project – No Escalations
• Smooth execution with focus on planning helps in optimizing cost
• Hand holding in all areas of requirements
• No Compromises on Quality – Long lasting
• Equipment of European IS standards from global manufacturing units
• Possibility of direct dispatch from Global Warehouse in Germany
• Superior Workmanship – Performance over the years
• Cow and User-friendly Technology – Optimal Utilization
• Training and consultancy support
• Live references running successfully since many years in every part of India
• Service set-up in remotest parts of India for smallest farmer

DeLaval USPs
DeLaval is much more than a supplier. It’s a dairy farmer’s partner for life. Our biggest USP is that DeLaval provides comprehensive support to customers.

• DeLaval has completed more than 150 Big Dairy Farm Projects in India in last three years of different sizes from 200 cows and above
• Service and Dealer Network for spare parts and services
• Competence and Knowledge sharing approach
• Experience of handling big dairy projects and automation
• Dairy Farm Planning
• Technology Intervention and services
• Total Farm Solutions – Milking, Feeding, Manure, Cow Comfort etc.
• Dairy Farm Visits for learning
• Farmer Training and Awareness Programmes
• Farm Management Consultancy

InService™
Preventive Maintenance
• Regular, planned maintenance is performed by DeLaval trained and certified service technicians using professional and often unique tools.
• In service Emergency Services
• DeLaval service technician can arrive at your farm – with the right part – within just few hours.

InService™
Advisory Services
You’ll find that all of our advisors – architects, engineers, agronomic consultants and veterinarians – are highly qualified. Whether it’s a question of increasing herd size, boosting throughput or fine-tuning milking routines, they will help you make the right decisions.

InService™
Highlights
• Trained and certified, DeLaval technicians help with both technical matters and everyday production issues.
• Unique service tools provide measurements and analyses that help increase the profitability of your farm.
• Every farm is different – no one knows your farm like you do. That’s why InService™ is flexible: so it can be customized to the needs of your farm and the way you run it.

One Serviceman - for all farm needs
• Milking
• Feeding
• Manure handling
• Cow Comfort Products

Benefits:
• Strong Local Service & Support Base – Less response time
• 24x7 Presence across India almost in every state
• Certified Technicians – Lesser Maintenance
• Services - On time in Full (OTIF)
• Pioneered Launch of Service Vans

DeLaval Team
at your service
DeLaval Global R&D

Hamra Farm

Hamra Farm is a center for DeLaval solutions showcasing, training, research and meetings at Tumba, Sweden. Most importantly, however, it is a commercial farm since 1901. The farm has approximately 250 milking cows in three different barns that produce milk in both stanchion and loose housing environments. Average milk yield per cow in 2015 was 12,000 litres. The farm consists of 2,880 hectares of land, whereof 825 are arable land.

A meeting place

Modern conference facilities at Hamra Farm provide a venue for sharing dairy farming knowledge. Researchers, students and organisations from near and far come here to share their expertise and experience.

Commercial visits

Hamra Farm attracts some 3,000 visitors from all parts of the world every year. They come to see DeLaval products in action and to improve their skills in dairy farming. In the Exhibition Hall visitors can gaze the latest in dairy farming technology, while our museum showcases the history of DeLaval and Hamra.

Our visitors include agricultural students, local and national officials and, of course, dairy farmers.

Research at Hamra Farm

Hamra Farm is used as an R&D facility to develop, test and evaluate the DeLaval product assortment.

DeLaval R&D in India

In keeping with its working philosophy of constant R&D to meet customer requirements locally, DeLaval has made some unique innovations for Indian dairy farmers. Recognizing the challenges of stimulation while preparing buffaloes for milking in India, DeLaval innovated Duovac technology and specially designed it considering the physiology of Indian buffaloes. This facilitates easy milk let-down, stress-free milking and prevents over-milking.

Another tailor-made solution DeLaval has developed for India is the unique stallling design for Gir breed Indian cows, that facilitates calf-suckling, which is essential for the effective stimulation of the cow. This facilitates easy milk let-down, stress-free milking and prevents over-milking.

Similarly, Speedline Parlours have been developed to encourage Indian dairy farmers with herd size of 50 – 100 animals, to avail the benefits of modern, mechanized milking systems at easily affordable investment costs. Within a mere 2 years of introduction, DeLaval has already made over 100 Speedline installations.

DeLaval has also been at the forefront of training dairy farmers. DeLaval regularly conducts a specialized 5 day residential Modern Dairy Management Training Programme for dairy farmers / managers / entrepreneurs. Topics include Feed and Fodder Management, Breeding Concepts, Animal Health Management, Designing and Planning of commercial dairy farm, use of software for accurate analysis, economics of commercial dairy farming and various mechanization solutions available for small and large dairy farms.

Customer Testimonials

DeLaval gave us the right solution to cater to a large herd of 3000 animals. We have India’s first Mogra farm with multiple parlours, all connected to one software, DePro. Together with DeLaval’s Activity Monitoring System, DePro forms the backbone of our successful breeding practices, besides keeping our herd healthy.

Mr. H. K. Tamarkar

Sr. General Manager – Plant

Sarda Dairy & Food Products Ltd.

Raipur, Chattisgarh

As the first dairy to install and use Goat Milking Parlours in India we have experienced complete support and knowledge sharing from DeLaval, besides robustness, reliability and speed of equipment and service. The installation is high quality, durable, efficient and profitable.

Mr. Ubaid Ur Rahman

Owner, Amar Farms

Chickmagalur, Karnataka

The DeLaval Speedline Milking System made my life easier and comfortable. The Milking system is stress free for animals and even safe for our milkers too. Also DeLaval supports us to increase our profitability by giving new directions in entire farm management and selling of milk and milk products.

Mr. Vinendra Singh Thakur

Raj Dairy, Angasar, Rajasthan

As India’s first dairy farm to install a fully automated Tandem Milking Parlour for Gir cows, we are glad we chose DeLaval. After Installation, the equipment has been operating wonderfully and as precisely as committed by company during the planning phase.

Mr. Dharampal Garhwal

Director, Olitia Foods Pvt. Ltd.

Silur, Rajasthan

I opted for DeLaval’s Speedline system because it mechanized my entire milking operation and the size and price of the set-up suited me perfectly. It’s completely hassle-free and DeLaval has helped every step of the way. I have already recovered my investment and the best part is the set-up can be upgraded at any time.

Mr. Iqbal Singh

Iqbal Singh Dairy Farm, Moga, Punjab

Please believe us, today when it’s hard to find good milkers for buffalo milking. DeLaval Herringbone ML system really has been a game changer for us, with which we have been milking 500 buffaloes for the last 9 years. The system has effectively helped us reduce work load and to manage the farm in a better way. We are also expanding the Milking Parlour now by adding more milking stations.

Mr. Iftan Patel and Mr. Imtiaz Patel

Directors, Indian Exotic Ice-Cream, Igatpuri, Maharashtra

We are India’s first dairy farm to install a fully automated Rotary Milking Parlour, which includes automatic cow identification, milk yield recording, sorting gats to separate cows, activity monitoring and many more types of automation, DeLaval’s superior installation and high quality equipment maintain the milk quality. Since 2009, there is not even a single day when milking stopped in the parlour due to a breakdown. Thanks to the highly skilled engineers of DeLaval.

Dr. Mukesh Sharma

General Manager – Allied Hathery, Rajnandgaon, Chattisgarh

I am really glad I chose DeLaval for my milking parlour. The DeLaval Speedline Milking System is high quality, durable, efficient and profitable.

Mr. Iqbal Singh

Iqbal Singh Dairy Farm, Moga, Punjab

We are proud owners of DeLaval Milline Parlour because it is the best we could have. The After Sales Service of DeLaval is really remarkable. The technicians are well trained and they respond to our queries quickly. DeLaval’s Service Team has helped us to be sustainable in this challenging business.

Mr. Pankaj Navani

CEO, Bmsar Farms, Sonapar, Haryana

Embracing DeLaval’s bucket milking technology was the best decision of my life. It’s fast, reliable, extremely convenient and hygienic. The milk production has increased and my animals are stress and disease free.

Mr. Arvind Yashwant Patil

Owner, Patil Dairy Farm, Chikhali, Dist. Kolhapur, Maharashtra