



Why DeLaval !

- Manufactured as per International quality norms
- More than 25,000 happy customers in India
- High performance, smooth operation
- Robust machines with long working life for several years. Some dairy farmers continue using DeLaval machines which are over 10 years old
- Largest sales and service network with best after sales service all over India



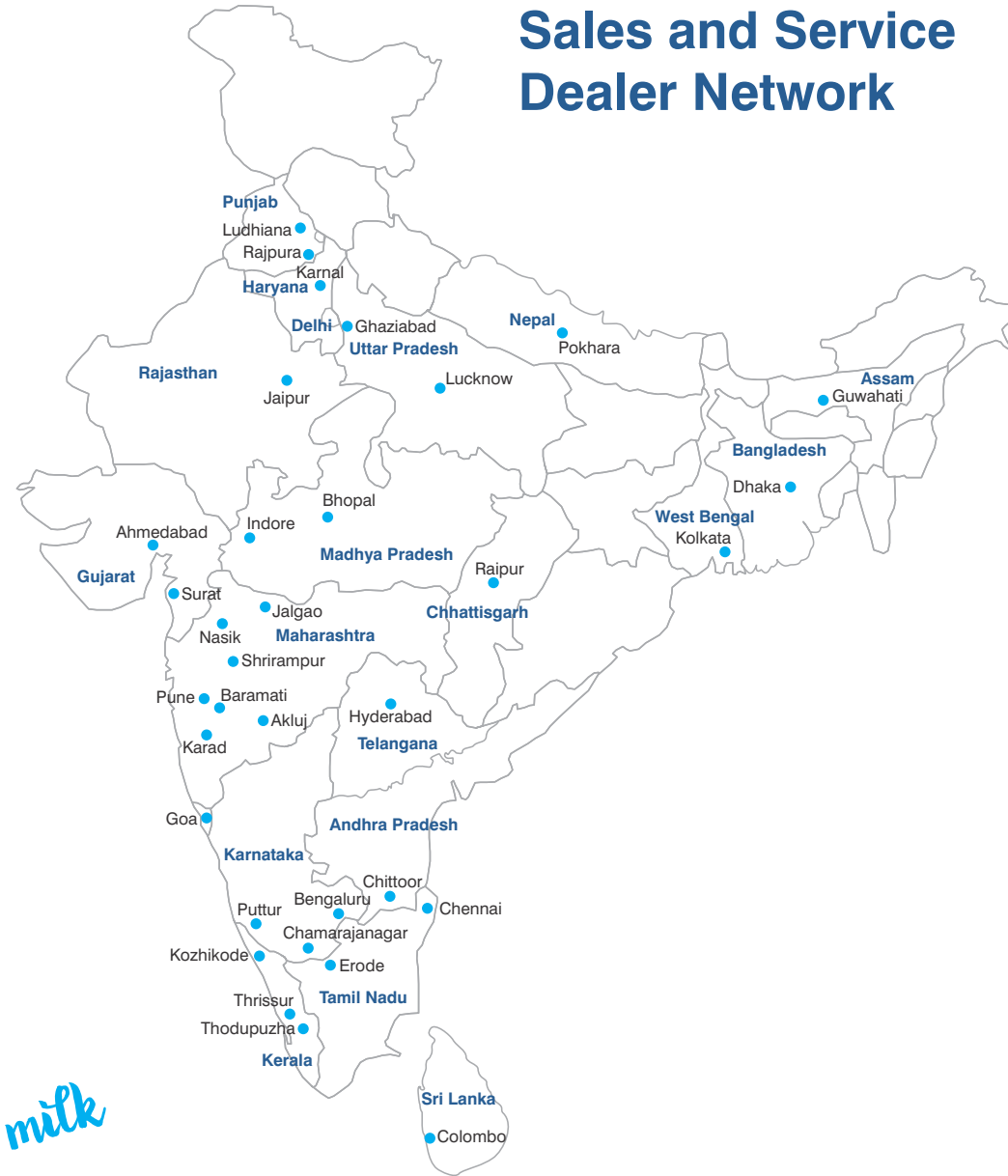
DeLaval The SUPER-STAR of Milking Machines

Cow Friendly
Farmer Friendly



10+ years
trouble free
operation

Sales and Service Dealer Network



We live milk

Maharashtra (H.O.) :
DeLaval Private Limited
 A-3, Abhimanshree Society,
 Pashan Road, Pune - 411008, India.
 Tel. +91-20-6721 8200
 Fax +91-20-6721 8222
 InService™ +91-96650 20798

WEST :
 Gujarat : 97129 46485 / 99099 46487
 Rajasthan : 97234 67485
 Maharashtra & Goa : 96650 99390 / 99700 06396
 Madhya Pradesh : 70241 31443
 Chhattisgarh : 99099 46487

SOUTH :
 Andhra Pradesh, Telangana,
 Karnataka & Tamil Nadu : 96526 23451
 Kerala : 98957 03827

NORTH :
 J&K, Himachal : 74200 86036
 Punjab : 86009 55594 / 74200 86036
 Delhi, Haryana : 86009 55594
 Uttar Pradesh : 77570 02662 / 86009 55594
 Uttarakhand : 77570 02662 / 74200 86036

EAST :
 West Bengal, Bihar, Jharkhand,
 Odisha & Northeast : 73870 01058

Product Information : marketing.india@delaval.com
Website : www.india-delaval.in / www.delaval.in

Sri Lanka and Bangladesh : 98500 93842
Nepal : 77570 02662

f www.facebook.com/DeLavalIndia

Concept & Content : Saill Desai
 Designed by : LotusConcepts.in

Over **10 Lakh**
 milkings per day
 yielding **75 Lakh**
 litres of milk



Make your life easier with DeLaval Milking Machines

Up to 50-60 herd size

Every year, DeLaval educates and helps thousands of small dairy farmers to shift from hand milking to the proven benefits of machine milking. Today DeLaval has an installed base of more than 25,000 milking machines in India.

Advantages:

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

Benefits:

- 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

Components of DeLaval Milking Machines



1 Duovac “Over Milking Protector” Technology

- Patented Flow-control milking technology
- Duovac reduces vacuum levels for gentle massaging of teats at the beginning and end of milking to protect tissues of the teat end.
- Once milk-let down begins, milking done at standard vacuum levels

2 Udder Friendly Pulsator HP 101/102

- Efficient pulsation rate of 60 pulses / per minute
- Pulse ratio – 65:35
- ISO 5707 standard.

4 Electric Motor

- Direct coupling with Vacuum pump
- Saves power
- Highest level of safety standards

2 Vacuum Pump

- Easy to install on floor or wall
- Stable vacuum level and low-noise operation
- Minimum maintenance

3 Long Life Vacuum Tank

- Hot dip Galvanized
- Rust-proof for several years
- Equipped with Oil-trap and Moisture-trap

4 Robust and Durable Cluster MC 11

- Weight – 2600 gms
- Designed for complete milking
- Milk flow 9 Ltr/Min
- Easy to clean

5 Milk Tube

- Transparent and Easy to clean
- Food-grade non-toxic quality standards

6 Stainless Steel Milking Bucket

- Capacity – 25 litres
- Stainless Steel Body - 304 Grade
- Light-weight and easy to carry
- Seamless and easy to clean

7 High Grade Rubber Liners

- Designed for effective milking and massage
- Food-grade quality standards
- Single piece



“ We have not had to spend even a rupee on breakdown maintenance, for the last 5 years since we began using DeLaval milking machine. It is so easy to operate that even our family kids can do the milking all by themselves. We heartily recommend DeLaval Bucket milking machines to all other dairy farmers.

Sunil Awati
Sangli, Maharashtra



DeLaval is the best bucket milking machine for Gir cows, because of Duovac technology. I purchased two DeLaval machines for my herd. Firstly, it has solved my biggest problem – I don't have to depend on unreliable labour. DeLaval milking machine does much better and complete, clean milking. My milk output has increased nearly 5 times. We are getting a high price and I can expand my herd now.

Ravi Agarwal
Bhilwara, Rajasthan



The DeLaval machine has proved extremely profitable for me. All members of my household, even my children can operate it easily. DeLaval machine ensures complete milking of animals every time and does not cause even the slightest discomfort to them.

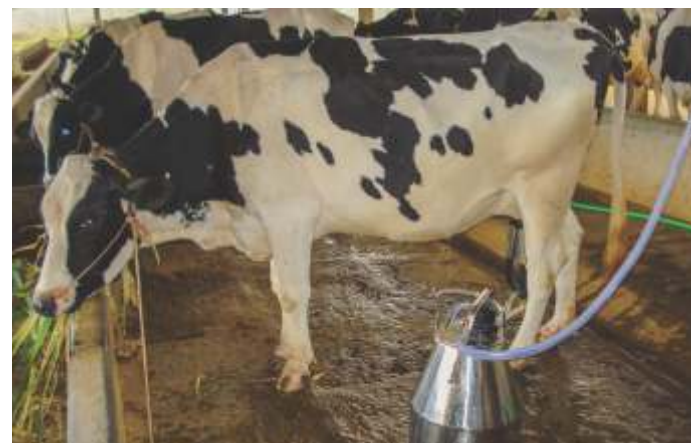
Pratap Jamdade
Wai, Maharashtra



We purchased our DeLaval milking machine in 2012 and it has been a boon for us. Not only has our milk output increased, but now only two family members manage all the milking, whereas earlier 6 – 7 family members and milkers were required to do the job. DeLaval milking machine has no breakdown problems at all and is far better than machines of other companies.

Dipak Shinde
Ugar Khurd, Karnataka

Why is DeLaval Machine Milking superior to Hand-milking:



DeLaval Machine Milking

Machine milking is based on the principle of vacuum and massage around teat. The mechanism is designed to emulate natural calf suckling process and flow controlled milking. The machine ensures optimised vacuum level on the teat for milking due to its unique combination of vacuum, pulsations and cluster

Machine milking ensures complete, efficient milking within 7 minutes.

Machine milking is milker-friendly and saves time and laborious effort involved in hand-milking.

Machine milking ensures clean milk.



Hand milking

Hand-milking pressurises teats to extract milk, which makes it inefficient and uncomfortable for cow / buffalo

Hand-milking is unable to ensure complete milking, due to limitations of human strength and skill.

In Hand-milking, a milker has to squeeze hands together and open them again 500 to 600 times for milking just one cow, which is highly tiring work, resulting in pain in hands, shoulder, waist, knee joints.

Hand milking allows dirt, dust, flies to enter milk during the process.



I began dairy farming 19 years ago with 4 – 5 cows and today I have a herd of 125 cows. We shifted from hand-milking to DeLaval machine milking about 10 years ago, because of labour problems, frequent occurrence of mastitis and poor and unhygienic milk quality.

Opting for DeLaval milking machine turned out to be the right decision because it has resolved all the issues. There is a 90% reduction in

mastitis cases and we don't have to depend on milkers at all. DeLaval machines are excellent because it's got excellent pulsators, which is the heart of a good milking machine. It enables us to produce hygienic and good quality milk and the best part is there is hardly any maintenance required.

Arvind Patil
Kagal, Maharashtra

I have been using DeLaval milking machine for the last 4 years. It's excellent and requires no breakdown maintenance. It is very easy to use, even for my wife and other family members.

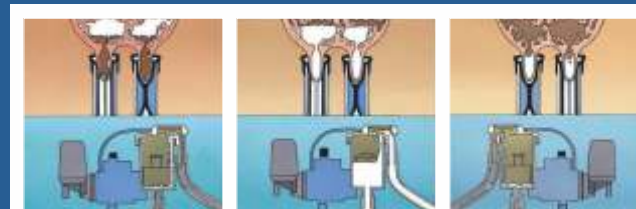
Prakash Pandurang More
Ashta, Maharashtra

'Duovac' – Natural Massaging Technology for Buffalo and Gir (Desi) Cow Milking:

Long teat canals in buffaloes necessitate stripping. The DeLaval Bucket Milking Machine provides an excellent solution for machine stripping buffaloes, to eliminate manually performing this tedious task.

Duovac® synchronizes to the buffalo's physiology. Buffaloes have a smaller udder cistern and less cisternal milk fraction than dairy cows. A buffalo's milk flow is delayed because its teats are empty prior to milk let down, but by milking with a Duovac® milking system, the impact of milking on empty teats is minimised.

Buffaloes require longer stimulation time for milk let down from the udders.



- 1 Low vacuum and pulsation level at the beginning of milking
- 2 Standard vacuum and pulsation levels as milk let down begins
- 3 When milk flow ends, low vacuum and pulsation levels

Duovac reduces vacuum levels at the beginning and end of milking to protect the tissues of the teat end. By limiting exposure to vacuum, the teat opening remains healthy, sealing tightly after milking. This is the key to reducing mastitis.

Faster let-down, faster milk-out

In addition, because the vacuum level is reduced at the start of milking, udder is stimulated, which encourages faster milk let-down and milk-out.

The natural milk let-down reflex starts between 30-90 seconds after the udder is stimulated (touched or cleaned).

Unique Duovac Technology for Buffalo Milk and Gir Cow 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

Duovac for Gir (Desi) Cow Milking

Indian native (desi) breeds like Gir, Sahiwal etc. are becoming popular for commercial milk production. Milking these sensitive animals is a big challenge on a dairy farm. Calf suckling is essential to have them stimulated before milking.



DeLaval Milking Machine with 'Duovac', flow controlled mechanism helps to stimulate Gir cows with low vacuum and low pulse. This resembles calf suckling, ensuring better stimulation and gentle handling of teats of cows and thereby making animals calm during milking.

Types of Bucket Milking Machines

Fixed Type

Specification	Milking Capacity (Cows/hour)
BMS 1 - DVP 170, 1 Cluster, 1 Bucket	8
BM 2 - DVP 340, 2 Clusters, 2 Buckets	16
BMS 4 - DVP 340, 4 Clusters, 4 Buckets	32



Mobile Milking Machines:

Specification	Milking Capacity (Cows/hour)
MMU 11 - 1 Bucket 1 Cluster	8
MMU 12 - 1 Bucket 2 Clusters	16
MMU 22 - 2 Buckets 2 Clusters	16



Gir (Desi) Cow and Buffalo Milking Machines

Specification	Milking Capacity (Animals/hour)
BM 2 - DVP 340, 2 Buckets, 2 Clusters with Duovac®	12
BM 2 - DVP 340, 4 Buckets, 4 Clusters with Duovac®	24



DeLaval Bucket Milking Starter Kit



Milk Tube Brush with Nipple and SS handle for Milk Tube Brush

Specially designed for cleaning long milk tubes internally to remove milk traces effectively.



Combination Brush

Used for cleaning milking liners and milk claw bowl of milking machine clusters effectively.



Claw Brush

Used for cleaning of milk claw, from inside and removal of milk fat deposits.



Vacuum Pump Oil

Specially formulated DeLaval vacuum pump oil maintains maximum performance in your vacuum pump.



DeLaval Bucket Cluster Cleaner

It is a vacuum operated, automatic accessory to thoroughly rinse and clean clusters. It helps in ensuring clean milk production.



DeLaval Basix

Basix, a highly concentrated alkaline detergent ensures dissolution of milk fat and protein from milking cluster liner, milk tube and can. With hot water, it disinfects the equipment.



DeLaval milking machine is much better than milking machines of other companies because it works smoothly without any breakdown or problems. My wife and son also operate the machine regularly because it is so simple.

Sureshchandra (Bapu) Kadam
Wagheri, Maharashtra



A friend recommended DeLaval Milking machine to us and for the last one and a half years we have been using it. It works perfectly and we have no complaints at all.

Pravin Mudanna
Kolhapur, Maharashtra



Frankly, DeLaval Bucket Milking machine is the best in the market. No other company comes close to providing the quality, durability, robustness, reliability and service of DeLaval. The machine does its job very efficiently, hygienically and gently.

Hitesh Solanki
Jamnagar, Gujarat