



DeLaval voluntary milking system VMS



Take control of your dairy operation with:

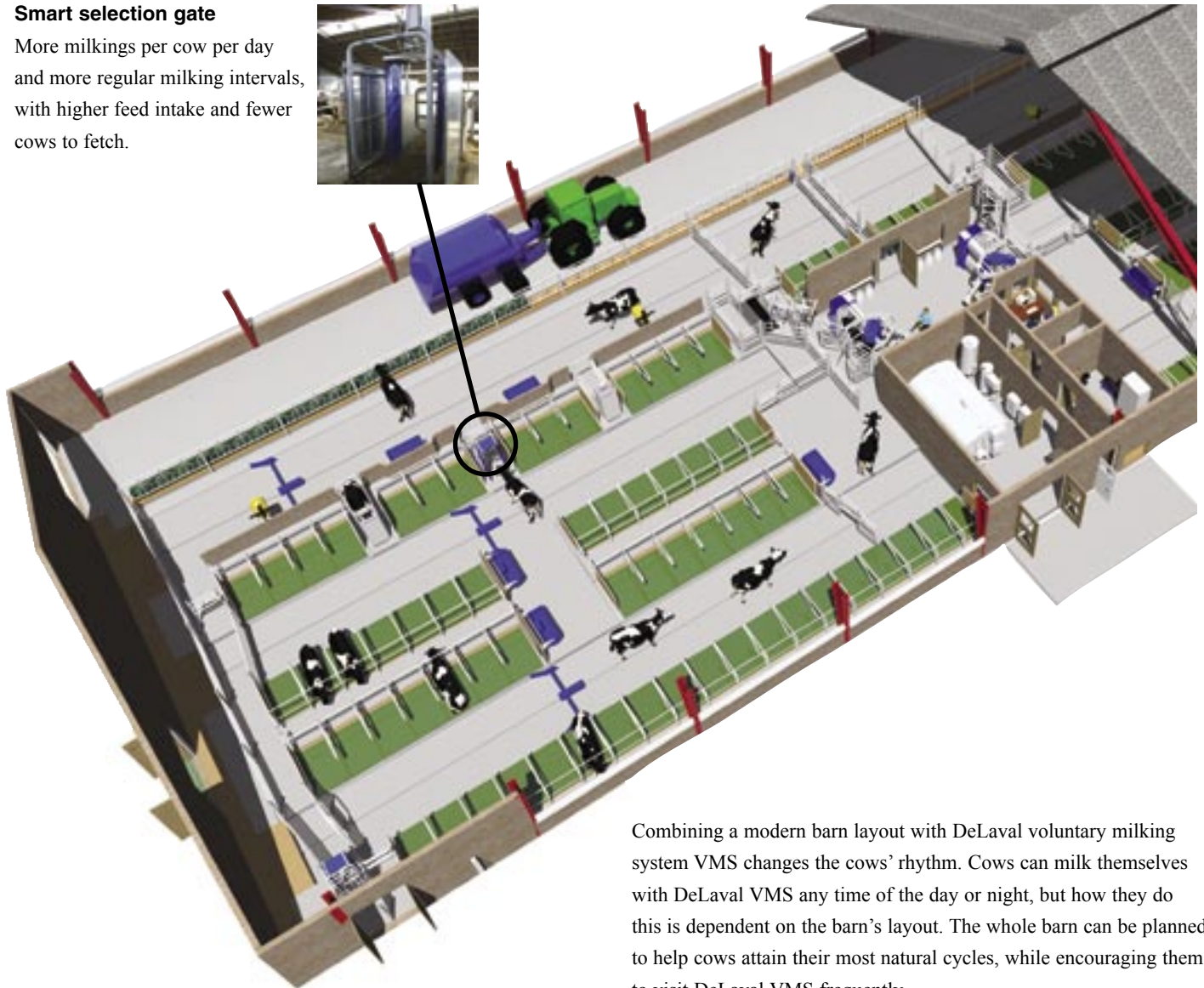
- More milk per cow to meet your production goals
- More freedom and flexibility in your life
- Greater control of milk production costs
- Advanced management tools for greater profitability
- Improved herd welfare



Professional barn planning

Smart selection gate

More milkings per cow per day and more regular milking intervals, with higher feed intake and fewer cows to fetch.



Combining a modern barn layout with DeLaval voluntary milking system VMS changes the cows' rhythm. Cows can milk themselves with DeLaval VMS any time of the day or night, but how they do this is dependent on the barn's layout. The whole barn can be planned to help cows attain their most natural cycles, while encouraging them to visit DeLaval VMS frequently.

More than robotic milking

With DeLaval VMS you get one system developed, installed and serviced by one partner. No guessing who to call if assistance is needed and no dealing with multiple vendors. DeLaval can install and service milking stations, milking equipment, cooling equipment, gates, augers, manure scrapers, feeding stations, calf feeders, TMR and PMR equipment - without incompatibility issues.



More done with less cost



1. For true quarter milking, four optical milk meters monitor milk yields, time, conductivity levels and blood detection.



2. Automatic separation of milk with abnormal levels of blood or conductivity.



3. The fast and gentle DeLaval VMS robotic arm is flexible enough to attach teats at 45° angles - dramatically reducing involuntary culling.



4. A cow-friendly, soft rubber floor and auto flushing to keep the milking area clean and reduce manual cleaning time.



Value-adding DeLaval VMS options

Automatic milk sampler

The automatic milk sampler offers advanced functions like individual cow sampling or accumulated sampling.



Flow controlled cooling

Direct delivery of milk to the tank, adjusts refrigeration to the quantity of milk delivered by DeLaval VMS. This is a cost efficient solution that won't compromise milk quality.





5. Complete teat preparation, cleaning, pre-milking, stimulation and drying is adjustable at cow level and designed to respect the guidelines of recommended milking practises.



6. A touch screen on the milking station gives you easy control of the milking process. It also allows you to train new cows manually, in total comfort and safety.



Remote software access allows you to monitor the DeLaval VMS from anywhere within your own network.



DeLaval VMS management software is designed to help you make the best decisions quickly and simply. Highly advanced and expandable, it offers you a wide range of management functions.

Direct drive vacuum pump

Our highly energy efficient, direct drive vacuum pump saves up to 60 percent of your energy costs by adjusting the vacuum speed to meet the specific demands of your DeLaval VMS.



Milk separation unit

A milk separation unit can be positioned in the most appropriate location, to improve working conditions and ergonomics.



The professional choice



Today's dairy farmer needs a milking system that can meet his or her personal objectives. Our people take your real needs to heart and we've done so for dairy farmers over more than a century. We'll offer quality choices and advise you from the initial project planning stage through to its execution and beyond the initial start-up phase. Your local DeLaval representative is there to support your decision and your daily business. The DeLaval team will offer you the milking system that best meets your needs, now and in the future.

"The hydraulic robotic arm works very fast. The milking capacity of DeLaval VMS is outstanding and is only limited by my cows!"

"DeLaval VMS offers real quarter milking so I can manage my cows very precisely. I get the full picture with milk yield, conductivity, and blood measured at quarter level."

"DeLaval helped us from planning through to system start-up. This support has made the transition to the robot much easier than we expected."

"The real time management software is very powerful. It provides many possibilities, like remote access for service and maintenance. It also helps reduce my workload and saves me time."

More flexibility, more freedom



Why are you considering the move to robotic milking? To gain more flexibility and freedom in your life? To increase milk production and milk quality? To maximize labour efficiency? To gain more control over your business? To make your farm profitable for generations to come? For health reasons? To make three-times-a-day milking a reality on a family farm? To make milk production more attractive to the younger generation?

To achieve any of these goals you will need more than a robotic milking machine – you'll also need a partner you can trust. An extensive presence and long, successful history in milking allows DeLaval to provide a complete solution for your specific operational requirements. Trust your future robotic milking system to the most trusted name in the dairy industry - DeLaval.