



## DelPro™ for stanchion barns

The integrated dairy management system



**Handing you better control**

# Modern tools for traditional stanchion dairy farms





### **Improving on tradition**

DeLaval DelPro™ integrated dairy management system will provide you with ways to better control your milk production – without having to change your whole dairying system and way of life.

### **Integrated dairy management for stanchion barns**

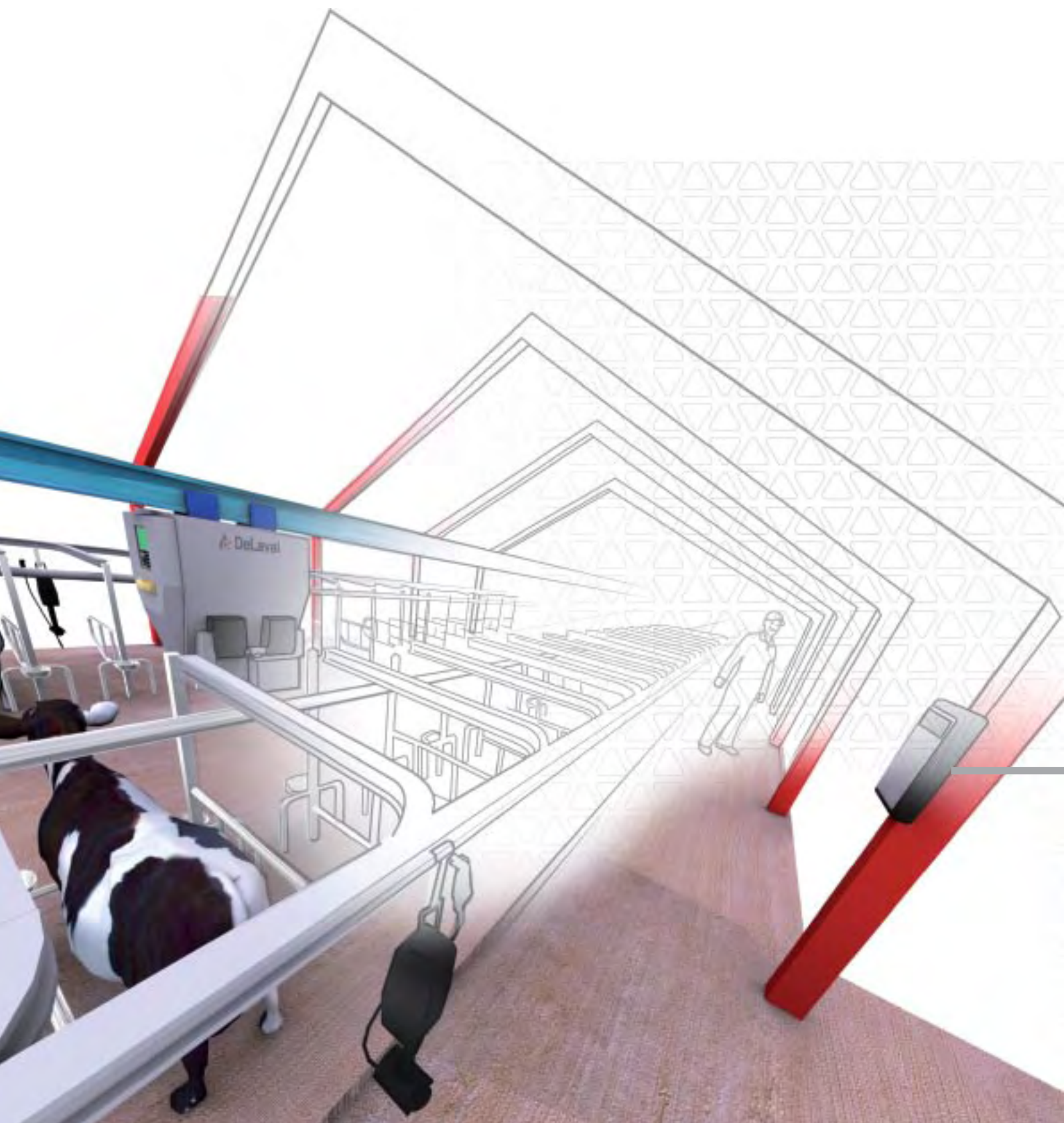
Managing a dairy farm is hard work. You know that better than we do. But we understand that times are changing. That you might like a little less hard work, a little more time in your working day, and a chance to move on from mostly manual systems to some automated processes.

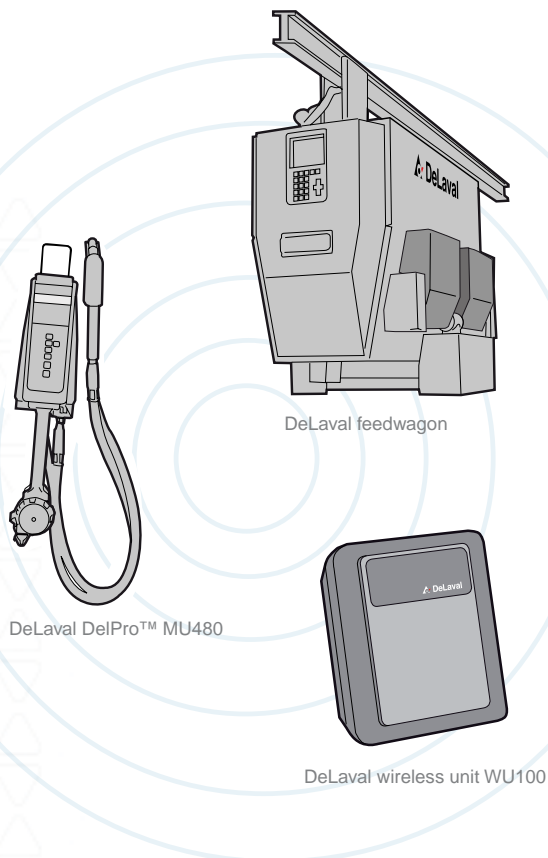
Working with DeLaval DelPro is like having a very smart and efficient farm assistant. It will save you time, and improve farm profitability.

Without having to change your barn layout or rebuild your barn, without having to re-educate your cows, without having to make a huge financial investment, with DeLaval DelPro you will get the real time information you need to make management decisions.

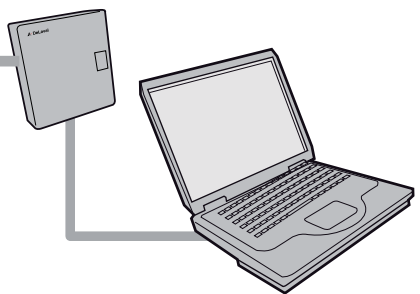
Information is power: having better information will empower you to improve management and profit margins.

# DeLaval DelPro™ integrated dairy management system





DeLaval system controller SC



## From stand-alone products to an automated system

DeLaval DelPro is based on data communication for integrated dairy management, to help you make your dairy farm more efficient and profitable.

The communication process is quite straightforward, with information transmitted to and from activities in the barn and your computer. In the barn the milking unit and the feed wagon carry out traditional farm tasks – linked via the wireless unit and system controller to your computer. In your office the computer with DeLaval DelPro dairy management software collects, analyses and monitors data from the milking unit, feed wagon, and other sources. The system provides you with the information you need for making management decisions.

It is the wireless linking of barn based equipment directly to the computer, and the automated flow of information both ways, that enables the integrated dairy management system, a great step forward from simple stand-alone products.

DeLaval DelPro hands you better control: saving time and effort, while processing and delivering fast accurate information. DeLaval DelPro will be the essential management tool for stanchion barn dairy farming.

## Dairy management capabilities with DeLaval DelPro™ software:

- Milking
- Feeding
- Reproduction
- Labour
- Communication and support

# Milking management



## Wireless communication for milking management

A key link in DeLaval DelPro dairy management system is the new milking unit, DeLaval DelPro™ MU480. It is a lightweight, portable and automated unit which simultaneously provides for optimum milking while being wirelessly linked to the central computer.

DeLaval DelPro MU480 sends and receives accurate information automatically. Once the cow has been identified, if there are any alerts or alarms they will instantly be notified, while the cow is being prepared for milking. Milking data is sent with the same speed and accuracy. The era of pencil and paper is over.

This wireless communication is a real breakthrough for stanchion dairying. DeLaval DelPro MU480 will provide up to the minute information on cow productivity to support the decision making process.

Daily milk yield records are one of the most important components in herd management, used to:

- Calculate and evaluate feed rations
- Identify cows in heat
- Provide early identification of potential health problems
- Calculate the actual lactation curve
- Evaluate long-term milk production of individual cows to plan breeding and culling.

With DeLaval DelPro MU480 as part of the DelPro dairy management system, daily milk yield records will be instantly accessible and ready to use, offering you better control of your operation.

## DeLaval DelPro™ MU480 features

- Portable milking unit equipped for **two way communication** with the DeLaval dairy management software. This ensures milking data is sent and milker warnings are received, saving time and avoiding costly mistakes.
- **Smart ID** predicts the cow number based on previous milking routines. This speeds up milking and encourages consistent routines.
- **ICAR approved milk meter**, for internationally approved accuracy in registering milk yield. Daily milk yield records facilitate feeding and breeding management.
- **Approved for ICAR milk sampling**. This means that milk samples can easily be taken and tested whenever necessary.
- **Vacuum stability** system so milking vacuum in the cluster remains optimum even with high flow cows. This optimises liner action and milking speed, ensuring fast, complete and safe milking out. It also enables a more effective cleaning process.
- **Duovac** flow controlled milking.
- Very good visual display: four **LED indicators** provide very clear information. It keeps the operator well informed.
- Main **lamp indicator** is extremely visible, providing clear information on milking and signals to warn of problems.
- **Light weight**, extremely portable, can be carried with one hand and can speed through the barn on a mobile **carrier rail**. Easy to use for stanchion milking, based on a proven design for reliability.
- Flexible. DeLaval DelPro MU480 operates with a range of clusters, including clusters specifically

for high yielding, high peak flow cows, so you can choose the cluster most suitable for your herd.

- Flow controlled **automatic cluster removal (ACR)**, which saves time and labour, while preventing teat damage caused by over milking.
- ACR can be disengaged if for any reason the operator needs to milk a cow in manual mode.
- Can be used with a full range of liner and milk tube options.
- Milking unit will link with pipeline support and carrier rail to make milking easier while still being flexible and portable.

The milking unit is compatible with **DeLaval dynamic testing and diagnoses DDTD**, the DeLaval service and testing programme.

## DeLaval DelPro™ MU450

This is another new milking unit from DeLaval. It has many of the benefits of DeLaval DelPro MU480, including vacuum stabilization. It is an advanced, fully functional milking unit, with a milk flow indicator instead of an ICAR milk meter.

DeLaval DelPro MU450 is portable, light weight, flexible and designed to be a superior, easy to use milking unit. It can be used stand-alone or connected to the system.





[www.delaval.com](http://www.delaval.com)

