



DeLaval milking point MP300

Reliable performance, reduced labour stress and less work



Work faster, work better

The compact DeLaval milking point MP300 has no unnecessary gadgets, is easy to use and is adaptable to your herd regardless of breed. This reliable, standalone automatic cluster remover takes off the cluster at just the right time so you can avoid timing decisions and concentrate on other tasks.



Designed to be the milker's helping hand in the parlour

Your total solution

The MP300 system works with the DeLaval pulsator EP100 pulsation system. This combination maximises milking performance by:

- ✓ Allocating one pulsator per milking unit
- ✓ Applying the most modern alternate milking techniques
- ✓ Creating accurate, consistent signals for excellent liner movement
- ✓ Utilising DeLaval cluster an liner technology to give precise liner movement for excellent teat-end blood circulation and udder health.



The DeLaval control valve is a fundamental part of the MP300 automatic cluster remover.

It controls an important two stage process which includes shutting off the vacuum to the cluster at the right time and waiting until the cluster is vented to the atmosphere, before gently lifting the cluster away from the udder.

This control valve's good reputation is largely based on its close relation to the well tried and parlour tested EP100 pulsator.

DeLaval flow indicator FI2

The transparent construction of the DeLaval milk flow indicator FI2 makes it easy for the operator to monitor milk flow. The monitoring device is also unaffected by milk foam or conductivity.



- Nearly invisible and works reliably in the background
- Simple but well proven milk flow indicator
- Good design and easy to keep clean

DeLaval yield indicator FI5

DeLaval yield indicator FI5 uses new infrared technology to monitor milk flows. It also measures milk flows and milking duration, along with displaying milk yields (The FI5 is not internationally approved for milk yield recording). The FI5 has no moving parts and requires no service parts.



- New infrared technology ensures no direct contact with the milk
- No moving parts mean reliable operation with minimal servicing requirements
- Senses the milk flow and displays the estimated yield, in one unit
- Gives a good indication of each cow's milk yield

DeLaval milk meter MM25

DeLaval milk meter MM25 is internationally approved for official milk yield recording. The MM25 uses unique infrared technology to measure milk flow without disturbing or interrupting it. The MM25 milk meter can operate standalone or be part of an integrated management system.

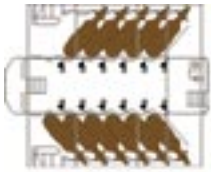


- Internationally approved for milk yield recording and sampling
- New infrared technology ensures no direct contact with the milk
- No moving parts mean reliable operation with minimal servicing requirements
- Able to self test at the start of each milking and identify inaccurate surface information

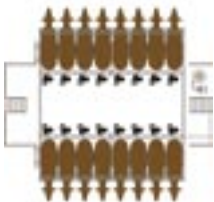
Maximised efficiency through easy operation



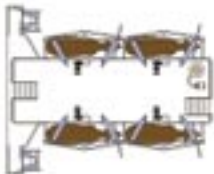
DeLaval herringbone stall 30°



DeLaval herringbone stall 50°



DeLaval parallel stall



DeLaval tandem stall



TURN-STYLE® HBR



TURN-STYLE® PER

DeLaval milking point MP300 automatic cluster remover is adaptable to all kinds of milking parlour designs including herringbone, tandem, parallel, rotaries and even MidiLine™ parlours. The MP300 is designed to reduce on-site disruption when installing, especially when upgrading in existing parlours. Delivered pre-mounted it is also possible to install the MP300 on one side of the parlour whilst milking on the other side.



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The MP300 control box

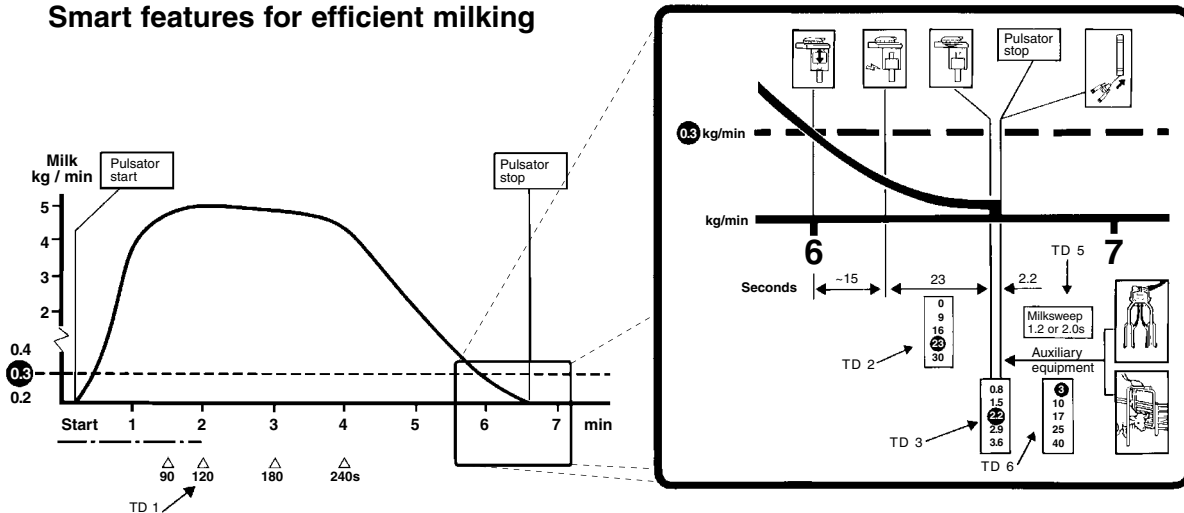
The **auto button** allows you to switch between automatic and manual control at any time before or after cluster attachment. The red lamp 'on' indicates automatic control, while the red lamp 'off' indicates manual control.

The **remove button** allows you to remove the cluster at any time in either automatic or manual mode.

The **auxiliary button** can be pushed to activate an auxiliary output, to control a door for example. The green lamp 'on' indicates the auxiliary button has been activated.

Pushing the **start button** releases the vacuum to the cluster and vents the vacuum cylinder so it's ready for cluster application. When the milk starts to flow the yellow lamp will be 'on'. A flashing yellow lamp after take-off indicates that milk flow never started.

Smart features for efficient milking



- An adjustable timer for the pre-milking phase
- Adjustable post-milking phase
- An adjustable timer for the cluster remover

- Adjustable, low flow level through the FI2 draining pipe or for the set-up of the FI5 and MM25
- Shut-off pulsation at the end of milking
- Auxiliary output for opening a door or activating back flush

Technical data

Supply voltage: 12 V AC + 15%, -10%
Operating temperature: - 5° C to + 40° C