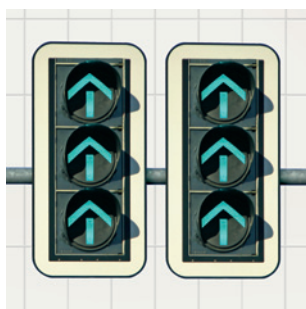




GEA Farm Technologies

AutoTandem

Automatically better milking:
each cow individually, quickly and
comfortably.



GEA Milking & Cooling | [WestfaliaSurge](#)

GEA Farm Technologies – The right choice.

AutoTandem: Efficient milking without stress



AutoTandem milking stall

Economic, cost-effective and yet individual milking that's just right for each cow is the most important factor when it comes to successful milk production. The dependable AutoTandem milking parlour by GEA Farm Technologies masters this challenge with its sophisticated technology, robust construction and a high level of automation.



Animal changeover

AutoTandem: the system that makes it easy to keep an eye on the milking process.

The AutoTandem concept means more comfort for both the cow and the milker and is the premise for fast milking with first-class milking results:

- Cow-friendly dimensions of individual stalls
- Long-lasting, hot-dip galvanized construction
- Automatic control system for animal changeover
- Low-noise gates powered by vacuum cylinders
- Clean and safe integration of all electronics, supply lines, and operating control panels
- Stall control system with reliable light sensors

Now there's no need to wait for cows that are difficult to milk and slow down the entire milking process. Cow changeover in the individual stalls is controlled automatically by light sensors. It's easy to keep an eye on the animals and, what's more, they are more willing to be milked, which is the basis for calm and continuous cow change over.

AutoTandem:

The milker's working conditions are improved because his work load is evenly spread and milking comfort is greatly enhanced. The cows enter and leave their milking stall on their own without any agitation, which means they remain placid and stress-free throughout the entire milking session. This, in turn, also makes the operator's work more comfortable with higher throughput.



Light sensor

Economic and flexible twice as good.



The variable milking parlour system

Without having to forgo any technical advantages when it comes to milking, the individual stalls can be arranged in all kinds of different layouts. L-shapes, U-shapes or onesided milking parlours can be set up to suit the building. This is what makes the AutoTandem concept so interesting for all herd sizes.



Metatron P21

All functions and displays can be entered rapidly and easily at the touch of a button, which means that Metatron can be individually matched to any milking operation. Metatron P21 optimises milking management perfectly with parallel displays of cow data in the form of graphics, symbols and exact figures. Metatron is not only highly user-friendly, it can also be placed in the best ergonomic position. The positioning and operation of the integrated DPNet gate control system make for fast group changeovers, and all who work with it will appreciate the uncomplicated and fast operating sequences while still retaining good body posture.



Precision Livestock Farming

To be better equipped for the future, the operator needs individual data on each cow. Milk yields and cow activity data – collected automatically – are an essential aid in health and reproduction management. GEA Farm Technologies DairyManagementSystem 21 will help you to keep ahead in herd management now and into the future.

The perfect milking team: DeMax 60, StimoPuls Apex



StimoPuls Apex:
Attaching the cluster – the most important moment in milking.
Timed attachment of the cluster with an electronic pulsator such as StimoPuls Apex ensures that the

cow is ready for milking and stimulates the cow performance. Intensive massage and contact stimulation by the teat cup liners causes the hormone oxytocin to be secreted, which triggers milk letdown.

DeMax 60 features

- ✓ LED for milk flow display (high or low)
- ✓ Visual alarm for milking process and management
- ✓ Large start button
- ✓ Separate entry and exit gate control systems
- ✓ Delayed vacuum after start
- ✓ Control of PosiCare, Backflush, etc.
- ✓ Cluster lowering
- ✓ Additional DPEvent data (e.g. manual stop)
- ✓ All settings can be downloaded



The name DeMax 60 stands for maximum detachment comfort.



StimoPuls Apex is the perfect finish to the working routine in an Auto-Tandem milking parlour, and effectively shortens the milking session once the cow has entered the stall.



VisoFlow monitors the milk yield in free flow between the ring and pin electrode with integrated vacuum shut-off. There's no need to switch from milking to rinsing.

Automatically better milking:



PosiLactor – positions and supports

Good positioning in a AutoTandem milking parlour goes without saying:

- ✓ Ideal positioning of the clusters with complete freedom of movement in no time at all
- ✓ Follows every movement of the cow and evenly balances the weight of the tubes.
- ✓ Slim-line and practical construction

PosiCare – the multifunction arm is supported by a control system to ensure the right fit. It follows the cow's movements and enables optimal milk extraction, individually for each cow.

- ✓ Shorter milking times with higher throughput rates
- ✓ Supports the clusters during attach (can be operated at any time)
- ✓ Positions the clusters individually for each cow
- ✓ Individual milking-out for each cow



Classic 300

With its streamlined design and constant milking vacuum, this milking unit with 300cm³ volume ensures reliable and gentle milk transport – even with maximum milk flow rates per minute.

Benefits:

- ✓ Around 30% higher throughput rates per milking stall in compared to group milking parlours
- ✓ Cow-friendly, separate stalls ensure, for instance, individual milking times without peer pressure for long milking cows
- ✓ Smoother, steadier working routine during milking
- ✓ Optimal view of each cow
- ✓ Undisturbed milking for sensitive high-performance cow
- ✓ Modular design allows variable positioning of the milking stalls and potential expansion

The right cluster positioning for successful milking



Siemensstraße 25 - 27, D-59199 Bönen
Tel. +49 (0) 23 83 93 7-0, Fax +49 (0) 23 83 93 8-0
www.gea-farmtechnologies.com

