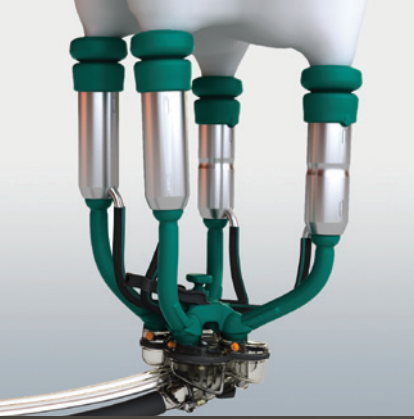


IQ. The world's first four-way milking cluster

GEA Milking & Cooling | WestfaliaSurge

engineering for a better world

GEA Farm Technologies




IQ. The only one that sits, fits and does not slurp.

The combination of maximum flexibility and optimum weight distribution ensures that your IQ is always securely adhered to the teats.

The flexible part of the short milk hose has been doubled. The nipples and sight glass have been removed and the shape has been trimmed for maximum flexibility. Everything has been done to ensure optimum adaptability – regardless of the udder shape!

Fine adjustment of the claw centre of gravity and the new positioning of the hose connection always keep your IQ in the correct position. The weight sits precisely where it is needed: 80% on the teat and 20% in the milk guide piececlaw. Quick and non-stressful milking of all four quarters of the udder can be realised without any air ingressions and with a high throughput.





**Milk production during the new decade:
Every penny counts!**

Now is the time for greater intelligence to be used with milking clusters. Now is the time for IQ. The first four-way teat cluster in the world.

Its revolutionary four-way technology ensures that you always have maximum milk quality, quantity and udder health. Using it is incomparably easy! Easier attaching, milking and maintenance.

When every penny counts for you: You will find all of the intelligent details on the following pages as well at –
[http://www.gea-farmtechnologies.com/uk/en/bu/milking_cooling/
building_blocks_of_milking/cluster/iq/default.aspx](http://www.gea-farmtechnologies.com/uk/en/bu/milking_cooling/building_blocks_of_milking/cluster/iq/default.aspx)

IQ. Four ways to get better milk quality.

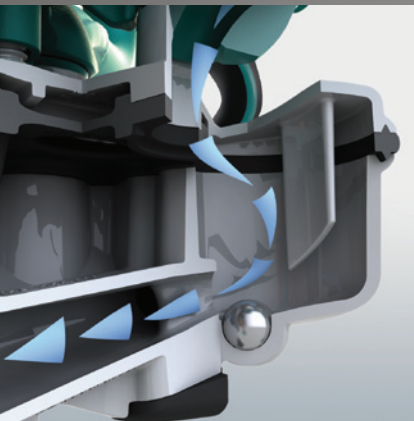
The new, revolutionary milk guide piece has been designed following the natural structure of a cow's udder: It is sub-divided into 4 guide chambers. As opposed to conventional systems the milk is no longer collected any more, the milk is lead quarter individual and channelled to the outlet. Thanks to the incline in the respective cluster chamber this process is now faster and much more gentle. Consequently, your IQ will prevent teat-to-teat cross-contamination and the udder will remain healthy.





IQ. The first milking cluster with hygienic assurance.

Attach them however you want! Your IQ can work with any attachment routine. The automatic vacuum switching system only activates the full vacuum for each of the four quarters when the teat cup has been closed by the teat. The vacuum remains stable and this means that air slurps and the resulting contamination of the milk path are virtually eliminated by our IQ system. The result: an easy way to guarantee clean milk.







**IQ. The easy
working comfort
highlight.**

Using and maintaining the new IQ is now easier than ever before: The high removal centre of gravity ensures that the teat cup always hang in such a way that the cluster is immediately ready for reuse operation. The automatic vacuum switching system enables you to attach the teat cups silently, quickly and using an ergonomic posture. It's entirely up to you whether they are attached one after the other or all four simultaneously. Even the shape of the silicon liner is new: You will make time savings of up to 50% when changing them and you will no longer need to use great force, which means that tool-free maintenance is now possible. No more fitting errors – therefore easy working is guaranteed!





We live our values.

Excellence • Passion • Integrity • Responsibility • GEA-versity

GEA Group is a global engineering company with multi-billion euro sales and operations in more than 50 countries. Founded in 1881, the company is one of the largest providers of innovative equipment and process technology. GEA Group is listed in the STOXX® Europe 600 index.

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