



GEA proplus

The major plus in protein yield,
with GEA Separators



GEA **proplus** – for better milk
skimming and bacterial removal

- + Protein yields
- + Protect the environment
- + Steady operation

A win-win situation for your
business and the environment



GEA ENGINEERING AT ITS BEST

GEA **proplus** – more value added through process optimization: increase product yields, reduce costs and increase profits over the entire machine service life. A sustainable environmental benefit is included.

Up to €100,000 additional profit per year!*

Maximize protein yield, minimize water consumption

As the leading system provider for milk processing, we want you to achieve the best return on investment – with innovative technology and sustainable process solutions from GEA. With our groundbreaking GEA **proplus** system, we are starting off where milk separation used to end – with the “residue”, the solids comprising protein and non-milk solids.

Fewer ejections, more protein

GEA **proplus** extends the ejection intervals of milk separators from 20 – 30 minutes to up to 90 minutes. This ensures added value: a significant increase in protein yields from the quantity of milk used, and a clear reduction in fresh water consumption and waste water creation. Depending on the size of the separator, this means an annual extra profit for you of 30,000 to 100,000 euros. It also means sustainable

protection of the environment due to the conservation of water resources – with savings of up to 160,000 kg per year. This is a benefit which secures your investment for the future, even in light of environmental regulations becoming stricter.

New installation or modular retrofitting: Flexible investment, optimized operating costs

GEA **proplus** offers two options to make your milk processing even more profitable: a new installation of GEA separators with integrated GEA **proplus** system, or specific retrofitting of systems which are already installed. You always benefit twofold. Next to the additional protein and environmental protection, you also increase your productivity with GEA **proplus**.

Curious what your additional profit with GEA **proplus** would be?

Click [here](#) or go to gea.com and check our GEA **proplus** calculator to experience what we can do for you and your business.

*Achieved with a GEA **proplus** skimming separator, type MSI(E) 700, with an output of 60,000 liters/hour based on standard settings for European milk quality. Results are purely indicative and non binding.

Optimum solution for new investments

GEA separators with integrated GEA **proplus** system

From the outset, you can count on additional profits from the raw milk used, reduced operating costs and hence faster amortization of your new investment. GEA **proplus** is designed for hot & cold milk separation and bacterial removal from 3,000 l/h throughput capacity onwards.

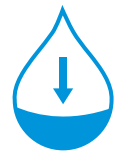
GEA **proplus**: benefit directly



Extended ejection intervals:
from 20 – 30 minutes to up to 90 minutes



Increased protein yield



Reduction in fresh water/waste water:
up to 160,000 kg per year



Boosted productivity:
increased availability, lower maintenance and wear costs, longer machine service life

GEA **PROPLUS** MODULE SYSTEM – THE CLEVER WAY TO OPTIMIZE EXISTING SYSTEMS

Whether a new installation or retrofit, GEA **proplus** is proven worldwide with over 1000 installations for hot & cold milk separation and bacteria removal – with tailored throughput capacities for different operation sizes.

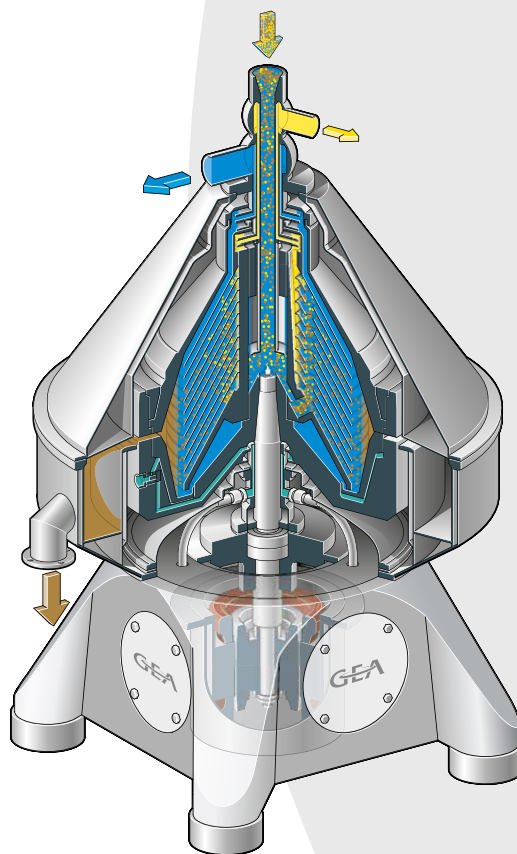


Fit for every requirement

GEA **directdrive**[∞] + GEA **proplus**
create sustainability

Your benefits with MSI and CSI series separators

- + Cost cutting
- + Energy efficiency
- + Extra protein yield
- + Product safety
- + Availability
- + User friendly
- + Budget security



GEA Service – For your continued success

Improve the life cycle cost of your plant and equipment

Getting you started

We start as we mean to go on, a supportive and committed partner for life. We plan and build around individual needs by sharing and developing process knowledge and involving customers in factory acceptance tests. Equipment is installed on site, staff and supporting operators are comprehensively trained by our experienced specialists to get our customers up and running, and to ensure a smooth, seamless on-going operation.

Keeping it running

To ensure our customers benefit from continuous production processes with minimal unexpected downtime, we provide fast, efficient maintenance and best quality original spare part support, whenever and wherever it's needed.

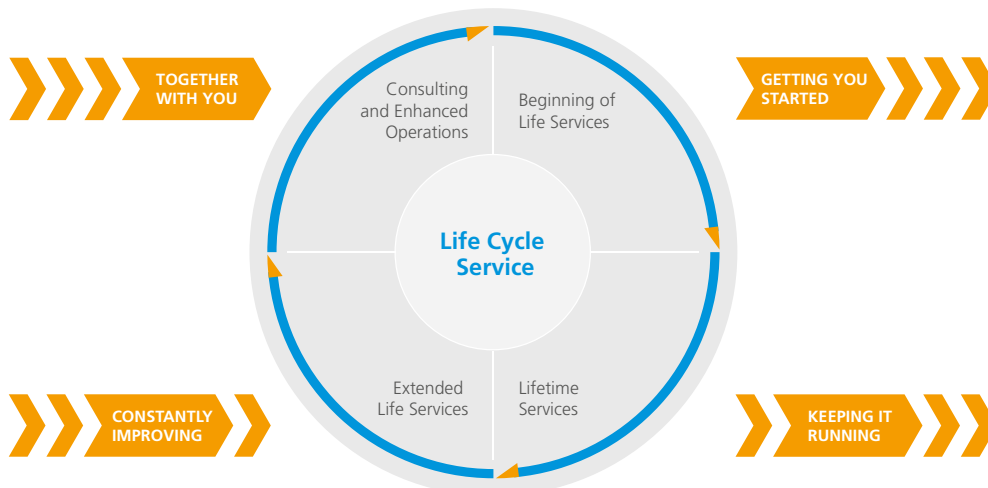
Constantly improving

We safeguard our customers' investment by constantly looking ahead, modernizing and upgrading processes and equipment to meet changing needs and new market demands. Always working to increase production efficiency and ensure peak performance.

Together with you

Commitment to our customers and their business means investing in their objectives, their assets' availability and their future success. We work in closest collaboration, providing scheduled system audits and on-site support, resulting in even better performance through innovative new service models. We offer service packages focused on availability and absolute cost control. Leave inspection, maintenance and condition monitoring to GEA specialists.

Four stages of continued success





GETTING YOU
STARTED





We live our values.

Excellence • Passion • Integrity • Responsibility • GEA-versity

GEA is a global technology company with multi-billion euro sales operations in more than 50 countries. Founded in 1881 the company is one of the largest providers of innovative equipment and process technology. GEA is listed in the STOXX® Europe 600 Index. In addition, the company is included in selected MSCI Global Sustainability Indexes.

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