



**ALLIED INDUSTRIAL
ENGINEERING**

Quality Engineering Solutions

Dairy Industry





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Decanter beaches made to order, longer wearing materials and alternative patterns.



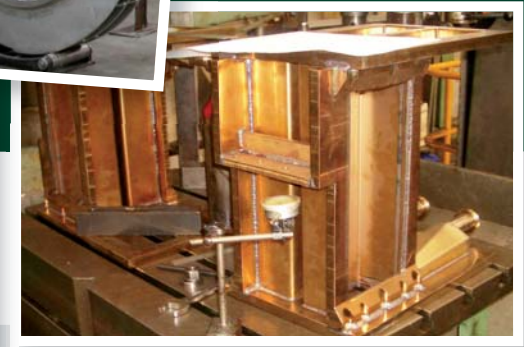
Repair or manufacture of full range of decanter components.



Dynamic balancing of decanter scrolls and assembled decanters.



Gaulin Pump heads re-manufactured or made to order.



Precision fabrication and CNC machining of superior filler heads for cheese.



Repair and manufacture of fan runners.

The Dairy Industry

Allied Industrial Engineering is able to deliver a range of superior solutions for process plant items designed for the Dairy Industry. Those specific solutions that have been innovatively developed for a particular site also have application and equal advantage on other dairy sites.

At AIE we demonstrate dedication to ensure the satisfaction of our customers through a complete understanding of their requirements whilst ensuring our achieved outcome is fully up to, or exceeds, their expectation.

Our design and engineering experience and capabilities, complemented by an excellent

workshop capability means AIE is a one stop solution for a wide range of dairy process plant requirements.

Dynamic balancing

We have two CEMB dynamic balancing machines. The larger of these can balance up to 30 tonnes. AIE balances fans of all

types: MVR, forced and induced draught, and circulating fans. We also balance decanters, scrolls and fully assembled decanters. The ISO1940 G1 specification is readily achieved in these machines.

Our customers often comment on the vibration-free, quieter running that is achieved after the return of a balanced item. The real benefit though is the longer run-life of rotating plant after being accurately dynamically balanced.

Fans

Fans of all types are manufactured or repaired at Allied Industrial Engineering, including runners, cases, shafts, and bearing housings. We have introduced soundly engineered improvements for life extension and ease of maintaining.

Decanters

We have proven capability to repair or manufacture all main Decanter components, including balancing and assembly. AIE have also been involved with design improvements giving improved performance and extended life.

High Pressure pump heads

We have proven repair procedures for high pressure pump heads and are able to manufacture new if required.

Fabricated and machined items

Allied Industrial Engineering design or reverse engineer fabricated and machined items for fixed or rotating plant, to replace or improve on existing plant and equipment.

We work closely with our customers to provide a complete solution for their process and maintenance issues.

Our workshops can readily manufacture replacements for plant items, be they large or small. Often with cost advantage, and as well greatly reduced lead time.

Where required, we can design and manufacture replacement or purpose built equipment. We have been successful in eliminating some substantial problems through provision of re-engineered solutions.

We will closely identify with your requirements and strive to build an ongoing advantageous relationship for you and your plant.

We look forward to the opportunity of being of assistance.



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