

Gardner Denver Ltd

We keep you moving.....

Milk System Enhancements

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Gardner Denver Ltd

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**Gardner
Denver**

/// DRUM ///™

/// SYLTONE ///™

IR *Ingersoll Rand*



Gardner Denver has recently merged with industrials group Ingersoll Rand.

Was previously The Drum Engineering Company and briefly Syltone UK, based in Bradford.

Core activity of the organisation is to provide discharge system solutions to the road tanker industry.

Significantly involved in developing, manufacturing and supplying of milk collection systems to the Dairy Industry.

Innovation

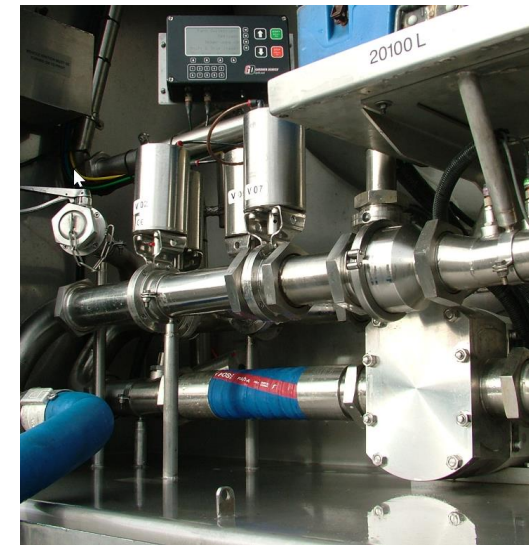
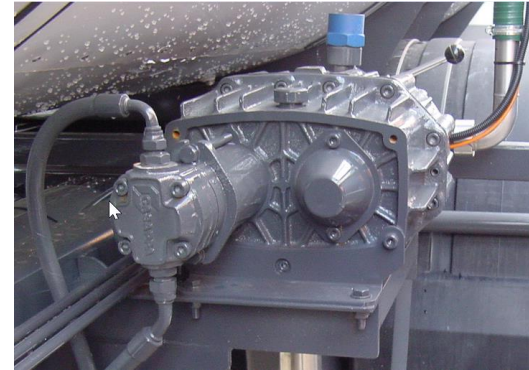
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Over 30 years of developing innovative solutions helping to improve performance and reliability.

The D140 bladeless exhauster, designed to bring reliability into the vacuum collection era

The Optimised Milk Pumping System (OMPS), a 'single pump' pumping system helped bring about increased performance to the modern atmospheric tanker based systems.

The OptiLoad system, the full pump metering system with vehicle CAN integration to provide fuel and pollution reduction opportunities



Listening & Improving

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Listen to what the industry requires from a pump metering system

Develop those ideas into a solution

Provide Improvement to the benefit of the our customer

Example One – It was brought into question how we currently deal with two separate farm tanks at the same farm

Example Two – How can we improve our Collection & Offloading speeds ?

Examples that would improve our overall performance
To the benefit of the customer



Twin Tanks

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Previously with OptiLoad, two tanks at the same farm resulted in two separate farm collections

Two separate farm collections results in two individual samples being produced.

Adds time and cost

After changes to improve the OptiLoad performance in this area.

This can now be handled as a single Collection.



Twin Tanks

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Previously with OptiLoad two tanks at a farm equalled two separate farm collections

Therefore two farm collections equalled two individual samples being produced.

Adds time and cost

After changes to improve the OptiLoad performance in this area.

This can now be handled as a single Collection.

With only one composite sample produced.



Improving Performance

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Ensure OptiLoad collection & offloading performance meets future customer demands

Focus on increasing collection & offload speeds beyond current OptiLoad levels

However without compromising the key OptiLoad core design principal.

OptiLoad 2 High Speed development has been launched to meet these future requirements.

Fixed speed field trials are in progress and will continue, further trials scheduled after design work on the overall system package completes testing.

Importantly the above work is with the proviso of farm tank restriction improvements and the use of a 3" diameter farm collection hose.



Thankyou for watching & Listening