



# INTELLIGENT PULSATION

## PULSATION ARREST

A special mode called *Pulsation Arrest* has been developed for *Swing Over* herringbone installations.

When the cow has finished milking, the system simply collapses all four liners around the teats keeping the cluster attached to the cow without vacuum exposed to the teat.

The operator routine is the same as without automation installed. The cluster is removed from one cow and applied to the next quickly and efficiently.

This feature capitalises on the natural efficiency of the herringbone system. The system is also an effective tool to stop over milking in a rotary installation.

- Available with iNTELSKAN PLUS or PRO levels 2 & 4

## VARIABLE PULSATION

Free flow sensor technology makes real time sensing of milk flow possible with iNTELSKAN PLUS or PRO. This allows the pulsation rate to be matched to the milk flow for increased milking speed, less liner flexing against the teat and improved teat health.

As milk flow increases the pulsation changes to milk the cow in 'longer stokes'. The rest phase is maintained throughout the process to ensure congestion is relieved at the teat end.

The diagram below outlines the technical operation.

## STIMULATION

The system is capable of detecting those cows that have not let down their milk and then apply a special pulsation technique called *Stimulation* to promote the cow to let down her milk. During *Stimulation* mode, the pulsator delivers a high frequency vibration to the liner around the teat to induce the let down hormone Oxytocin.

The Stimulation can be set to operate every time or just with those cows that need attention or manually.

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## PULSATION GRAPH – FLOW CONTROLLED PULSATION

