



Upgrade for weight fillers



Automatic chain lubrication



PRoCARE®

The smart way to produce
more tonnage per day

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JBT builds weight fillers for the Dairy industry. To keep the machines up to date we introduced a continuous improvement plan. This plan results in maintenance and accuracy improvement on the machine.

This leaflet describes the automatic lubrication of the height adjustment.

Where is the opportunity?

In the Dairy industry the JBT weight filler is a well-known concept. The design of the machine is done with respect to the hygienic level such equipment requires. Apart from this JBT aims to reduce maintenance cost and times as much as possible. Therefore the lubrication of the machine is done automatic, as far as possible.

The height adjustment of the weight filler is done with chain driven jacks. So far it was not possible to lubricate the chain in an automatic manner as this was part of the rotating carousel. As dairy equipment is running in a wet and harsh environment, in which cleaning vapors can be present as well, it was not always possible to keep the chain in a good condition.



What will be modified?

The automated system consists of a lubrication unit, positioned on the rotary top part of the machine. This unit will dose lubricant on an interval base e.g. once in 48 hrs, and only if the height adjustment is running. The dosing system is operated by the PLC. From there lubricate piping is available to bring to lubricant to the right spot. As the top part of the machine does not move with the lower rotary part there is no need for flexible tubing. Both parts rotate and do not move up and down.

What's the impact?

The system needs to be built into the machine as well as some software and hardware changes need to be done. This will take up approx. 16 hrs

What are the benefits?

By adding this feature the lifetime of the chain is prolonged and it takes away the need of manually lubricating this.

Please contact your JBT customer care manager for more information or a quote.

Contact for the Weight Control upgrade

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COUNT ON JBT TO HELP PROTECT YOUR INVESTMENT

JBT's greatest value in PRoCARE® services comes from preventing unexpected costs through smart, purposeful, and timely maintenance based on unmatched knowledge and expertise. PRoCARE service packages are offered as a maintenance agreement in various service levels, depending on your production and cost management requirements.



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