



Upgrade for weight and level fillers



Filler Height Adjustment Retrofit



PRoCARE®

The smart way to produce
more tonnage per day

jbt.com

JBT builds fillers for the Liquid Foods industry. To keep the machines up to date we introduce a continuous improvement plan. This can involve:

- ✓ Maintenance improvements
- ✓ Accuracy improvement
- ✓ Program updates

This leaflet describes an improvement on the functioning and maintenance for the filler height adjustment.

History

Current JBT filler with both automatic or manual height adjustment provisions have chain sprockets who are secured by a taperlock.

What does it resolve?

Customer feedback showed that sometimes during maintenance it is difficult to secure the chain sprocket with the taperlock on the shaft. Important to know: After loosening the taperlock during a maintenance activity, the taperlock needs to be exchanged by a new one, and tightened with a specified torque. This is one of the reasons that this result in erratic functioning and even misalignment of the filler bowl. Besides this there were issues on the bigger machine as the chain might some times jump over the sprocket teeth.



What is the new functionality?

To overcome difficulties to secure the taperlock, the newly developed height adjustment jacks have a spline connection. This will:

- ✓ Secure the chain sprocket without risk of slipping
- ✓ Easy assembly after maintenance

What will be modified?

Certain parts of the jack assembly will be replaced with the modified parts. During the modification, the chain sprocket of each jack and the chain itself will be replaced.

What's the impact?

For general machine adjustments a downtime of 4 hours has to be scheduled.

An additional 2,5 hours per jack has to be counted. This brings the total, depending on the size of the machine:

- ✓ PCD ≤ 1680mm: 3 jacks: 11,5 hours
- ✓ PCD = 2240mm: 4 jacks: 13,0 hours
- ✓ PCD = 2800mm: 6 jacks: 19,0 hours

What are the benefits?

- ✓ Mounting the sprocket during maintenance has become easier as there is no need for fixing the taperlocks with special tools (torque spanner)
- ✓ Fail-safe as slipping of the chainsprocket during production has become impossible
- ✓ No exchange of taperlock necessary during maintenance

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



Contact for Height Adjustment 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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