

RETROFIT

Upgrade 108.4

New Weight Control Unit On Precifill/Dairyfill Weight Fillers Built Before 1998

The lifetime care programme of Stork recognises various facilities

Updating and retrofit

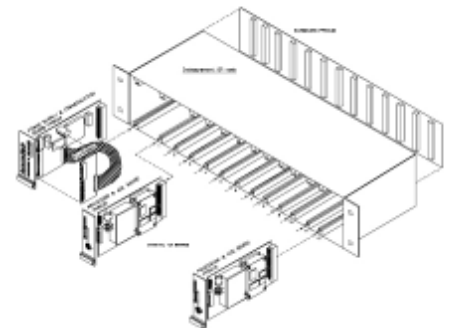
Technical development does not stand still. New materials, more sophisticated computer systems and additional insights in techniques and systems spawn improvement in design and construction of new installations.

For existing installations to benefit from these developments a large number of modification and expansion packages have been developed thus allowing existing systems to be updated.

Every Stork customer wants to have a reliable and accurate weigh control. If you have a Stork weightfiller built before 1998, we have an upgrade package available to improve availability, reliability and accuracy. The components in the old machine will no longer be available. There are still some possibilities to repair cards, but it will become difficult to supply proper cards for the controls. For this reason Stork developed an upgrade package which is based on the existing Siemens S5 PLC. In the future we can also provide an upgrade with S7 software but to do this now will involve more costs and quite a software change. During the change over every loadcell will get its own processor which means that the system speed is much higher, actually resulting in higher accuracy.



Weight controller



Advantages of a new weight control unit

- Increased reliability in obtaining spare parts and components.
- In the old situation one processor controlled 12 loadcells. In the new situation every loadcell will be equipped with an individual processor, resulting in a higher accuracy per loadcell.
- During infeed the bottle detection will be done on weight. The critical adjustable infeed photocell will be removed.
- In the old situation taring and zeroing is done on a fixed position and filling is started on a fixed position. In the new situation filling will be started immediately after taring is done, which will positively influence the capacity.
- Flow control was only carried out in the fast filling phase. In the new situation flow control is carried out during all phases of the filling process.

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