



Upgrade Kits

Customer Care Program

Upgrade your old DC motor to a new AC motor

JBT Food & Dairy Systems has developed a retrofit program to upgrade the old type DC motors in the field to AC electromotor with a frequency-drive.

About 15 years ago AC has globally become the new standard. Since then we have changed our standard design with frequency controlled AC electro motors in the homogenizer. Our machines run for many decades and still some of the older machines in the field are running with the DC motors.

These DC motors are obsolete and cannot be replaced without a modification. Customers that need to replace their current motor or controller can also decide to upgrade to the current AC standard in the market.



The pros for upgrading are:

- The AC motors are not obsolete
- The frequency drives are globally easily available
- No maintenance
- No more short circuit issues because of the carbon dust (with DC carbon bushes)
- Longer life span of the AC motor
- Around 10% of energy savings of the homogenizer compared to DC drives
- The motor uses regenerative breaking
- PLC logics and application programming available.

If you are interested in upgrading your DC to an AC motor, please contact your Area Customer Care Manager for a proposal.

JBT Food & Dairy Systems

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Ordering Information

As part of JBT's commitment to your success, our wide range of upgrade kits are designed to give you maximum return on your original investment through increased performance and service life.

Please contact info.ams@jbt.com for more information or to request a quote.

All JBT kits are subject to software/system compatibility and may change without previous notice.