
ABB DRIVES

Control solutions for precise and consistent mixing



Accuracy. Consistency. Speed. Safety. Everything counts.

Whether mixing in batches or in a continuous stream, the ability to control the mixer's speed and torque affects both production speed and process uptime.

Drives provide accurate speed control
In producing bakery products the mixing speed and torque is critical. Mixing too fast can damage ingredients or the dough texture.



Drives adapt to your mixing load
When grinding meat, the drive automatically adjusts the motor torque as needed. Torque control helps reduce stresses while mixing that can cause breakdowns.



Drives are programmable
Program your dough recipe's speed and torque requirements to get the right speed and torque at the right time for consistent quality.



We have a portfolio of global services to meet your needs

No matter where your mixers are installed or used, our wide channel partner network and global service is always local. You choose the services that fit your needs, from classroom training to customized Drive Care contracts.



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Mixing accuracy increases the productivity, and in addition it also affects your food quality, helps you save energy and improve safety.

Drive's features for mixers

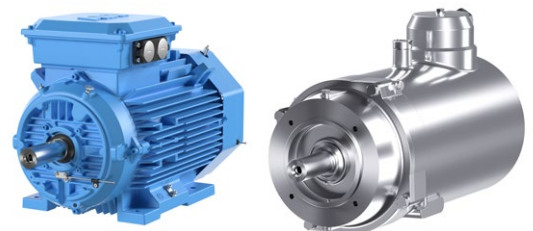
- Eliminate the process interruptions and reduce the everyday mechanical stress on the mixer by soft start function of a drive
- Improve operational safety within your mixing process with safe torque off (STO) function
- Reduce motor noise of a machine by adaptive switching frequency control
- ABB's signature motor control technology for extremely accurate torque control, from high starting torque across the whole speed range
- EMC filters and safety features for fulfilling directives, standards and legal requirements
- High protection class for harsh conditions against dust and water



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When the recipe demands more challenging control.

A comprehensive selection of PLCs and operator panels offers an extreme conditions variant for more demanding environments and integrates directly with our drives.



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An extensive selection of motors.

Different mounting arrangements and variants ensures that the right motor can be found for any type of mixing environment or application.

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For more information, please contact
your local ABB representative or visit

abb.com/drives

abb.com/drivespartners

abb.com/drives/segments/food-and-beverage

abb.com/motors