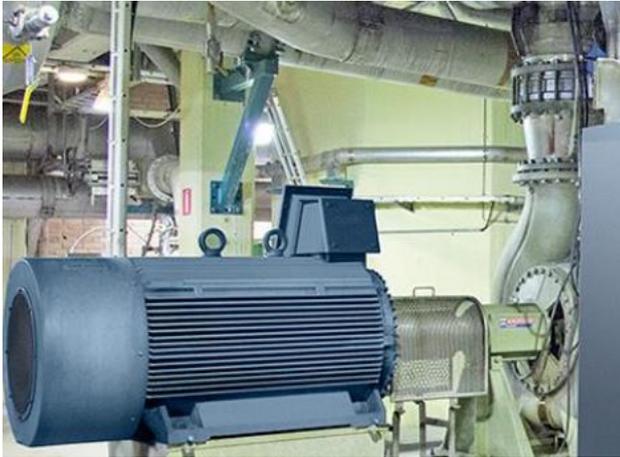




PRODUCT LISTING



Compressors and Blowers

Compressors play an important role, from powering pneumatic tools on a production line to cooling and refrigeration. Using our drives can help you not only reduce maintenance needs, but also help you save energy. Our variable frequency drives with direct torque control (DTC) quickly react to discharge pressure differences, have the torque control needed to keep the pressure stable, from high-torque demands at startup to continual use.

Our drives help you save energy during consumption at partial loads. The drives will vary the compressor motor's speed to correspond to the current demand. They also react quickly to demands so you don't have to keep higher discharge pressures in reserve to compensate. And the ABB global service and support network ensures that no matter where your compressors are operating.

Smooth startup. High torque control. Energy savings. Everything counts when you are looking for ways to run compressors more efficiently.



Elevator

Our variable frequency drives (VFD) for elevators include customizable, built-in elevator control functions and safety options that help you provide the smoothest and most accurate ride. The drives let you easily tune the speed profile and acceleration, and with our global service and support network, no matter where your elevator is installed, we are close by.

Smoothness. Quietness. Accuracy. Safety. Everything counts when it comes to a quality passenger experience.

- Runs synchronous and asynchronous motors quietly
- Provides accurate open-loop control for asynchronous motors without encoders
- Safe torque off (SIL3) eliminates contactors on the motor side (certified by TÜV)
- Built-in speed profile offers a wide range of settings for acceleration, deceleration and jerk damping
- During power outages, the smart evacuation mode along with a backup power source (such as DC battery or UPS) take the car to the next floor allowing passenger to exit
- Low standby power and fast control wake up
- Regenerative drive options recycle braking energy for improved energy efficiency
- DriveSPC programming lets you easily develop your own elevator functions or modify the existing ones
- Removable memory unit stores the drive's software and settings for fast and easy commissioning and maintenance



Mixer

Mixing requires precise control to ensure the best quality end products. High starting torque and different mixing speeds are often needed from start to finish, often within the same batch. Whether mixing in batches or in a continuous stream, mixing solids or liquids, the ability to control the mixer's speed and torque affects both production speed and process up-time.

Our variable frequency drives with direct torque control (DTC) provide accurate speed control and adapt to your mixing load. When the recipe demands more challenging control scalable PLCs, and a selection of operator panels provide you with the raw ingredients to mix into your precision control, reliability and flexibility for your mixer. For mixing dough, meat, dairy products or beverages, our automation products integrates to each other and offer the perfect solution for your mixer.>

PRODUCT PROJECT REFERENCE

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