

LOW VOLTAGE AC DRIVES

ABB machinery drives

ACS180 and ACS380

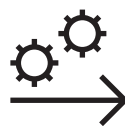


Build reliable, easy to use, competitive machines with best-in-class capability using ABB's machinery drives. They have everything you need, and nothing you don't.



Streamline development

- Optimize your machines with a complete end-to-end solution from one vendor
- Easily scale to your needs as your business grows
- Efficiently use space and resources by having only what you need and nothing you don't
- Benefit from an all-compatible drive platform for human interface, process, business, and environmental consistency
- Minimize training needs with consistent programming and interface



Deploy quicker

- Configure easily with consistent, plain language, parameter IDs and graphical icons across ABB's drive portfolio
- Minimize wiring mistakes and simplify installation with color-coded spring terminals
- Leverage consistent programming tools across ABB's all-compatible portfolio



Reduce costs

- Maximize panel space with consistent product height and side-by-side mounting for machinery drives
- Leverage one platform that supports all voltage classes, power ranges, and motor types on your machine
- Incur less cost related to training. All-compatible allows you to learn once, use it everywhere
- Use fewer external devices, such as safety, EMC filters, or contactors to meet most application requirements
- Reduce CAPEX and OPEX Costs with the ability to control permanent magnet motors



Ensure maximum machine uptime

- Increase machine performance and quality with world-class motor control
- Reduce contamination and ensure reliable operation with coated circuit boards and optimized airflow through the electronics
- Ensure quality and reliability with products proven through ABB's advanced lifecycle testing



Minimize risk

- Benefit from built-in safety features, such as integrated STO with SIL3 rating
- Improve repeatability and reliability to minimize the risk of errors with consistent parameter configuration
- Monitor and configure using Bluetooth to avoid ARC flash areas



Customize your machine

- Protect your brand and ensure that your customers see you as their primary contact
- Create a new revenue stream for your business with service and spare parts
- Create barriers for your competition with a machine that only your company can provide
- Streamline your development time with custom firmware that allows you to focus on your company's strengths

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

new.abb.com/drives

new.abb.com/drives/drivespartners

new.abb.com/motors-generators

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