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1. ACS150 Micro Drives

0.37 to 4 kw / 0.5 to 5 Hp

Highlights

- Worldwide availability through logistical distributors
- User-friendly LCD control panel and integrated potentiometer
- Flexible mounting alternatives
- PID control
- Integrated EMC filter
- Built-in brake chopper
- FlashDrop tool for fast drive commissioning

Application

Mixers, conveyors, fans or pumps or anywhere where a fixed speed motor needs to go variable speed motor.



2. ACS355 General Machinery Drives

0.5 to 30 hp / 0.37 to 22 kW

Highlights

- Exceptionally compact drives and uniform design
- Quick commissioning with application macros and panel assistants
- Safe torque-off function (SIL3) as standard
- Sensorless vector control
- Built-in braking chopper
- High protection class variants for harsh environments
- Permanent magnet and induction motor control
- Torque memory for lifting applications
- Common DC bus
- 100% background compatibility with ACS350
- 600 Hz maximum output frequency

Application

Food and beverage, textile, ceramics, pulp and paper, water and waste water industries, the drives are suitable for screws, mixers, pumps, fans and conveyers especially where the machine is exposed to dust, moisture and cleaning chemicals.



3. ACS550 Standard Drives

0.75 to 355 kW / 1 to 500 hp

Highlights

- FlashDrop tool
- Intuitive use with assistant control panel
- Swinging choke for superior harmonic reduction
- Vector control
- Coated boards for harsh environments
- Built-in category C2 EMC filter (1st environment) as standard
- Flexible fieldbus system with built-in Modbus and numerous internally mountable fieldbus adapters
- UL, cUL, CE, C-Tick and GOST R approved
- RoHS compliant

Application

Typical applications include pump, fan and constant torque use, such as conveyors. ABB standard drives are ideal in those situations where there is a need for simplicity to install, commission and use and where customizing or special product engineering is not required.