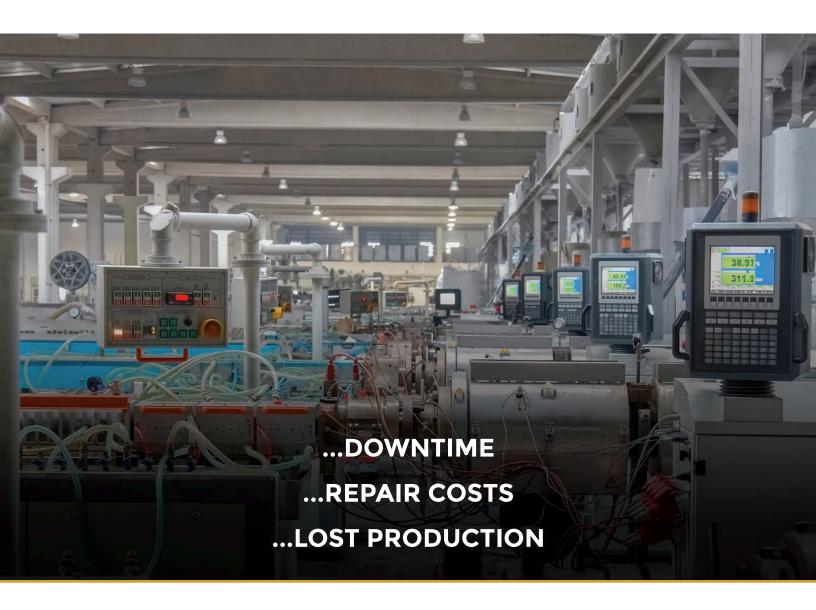


Aging POWERTEC drives got you down?

AMMC polden motion



YASKAWA A1000 DRIVES FROM **AMMC**ARE YOUR PLUG & PLAY SOLUTION







YASKAWA A1000 DRIVES FROM AMMC:

THE PERFECT RETROFIT

Yaskawa A1000 drives will run POWERTEC Brushless DC Motors!

With universal options and the ability to run ALL versions of POWERTEC motors, the Yaskawa A1000 drive is your retrofit solution. Once installed, it typically takes less than 30 minutes to program and auto-tune the drive to the POWERTEC motor.

RETROFIT BENEFITS:

- PLUG & PLAY keep your installed motor and replace the drive
- MAINTENANCE FOCUSED ease of wiring and setup, minimal programming
- CONFIGURATION & STORAGE BACKUP USB copy unit and removable terminal board
- STOCK product is on the shelf, ready for next day delivery
- RELIABILITY 28 years between drive failure, documented MTBF

Call AMMC today and retrofit your POWERTEC drive tomorrow!

A1000 DRIVES OFFER A ROBUST SOLUTION

The Yaskawa A1000 is a full-featured drive that provides outstanding quality, performance, flexibility, and environmental friendliness.

- · Reliability and longevity with a 28 year MTBF
- · Stall prevention features extend the mechanical life of the machine
- · Frequency Hold Function can maintain the extrusion speed with greater accuracy
- · Energy Savings improve your ROI with total electrical energy consumption reduction





WHAT DOES YOUR DOWNTIME COST?

One *AMMC* customer, a manufacturer of high-quality building system products, was having downtime issues with their plastic extruders because their POWERTEC Brushless DC Drives were failing repeatedly. Each time a drive failed there were downtime losses, and, at a cost of \$750/hour of lost production, these losses mounted to a total of \$90,000. *AMMC*, a Premier Yaskawa Distributor, solved this manufacturer's problem by installing A1000 VFD (Variable Frequency Drive) units, which proudly boast a published MTBF (Mean Time Between Failure) of 28 years +.

The New Yaskawa A1000 Drive from **AMMC** costs less than \$8,000, which translates into an initial up-time savings of more than \$100,000!







YASKAWA A1000 PRODUCT FEATURES

- 240 VAC, 480 VAC, 1 1000 HP Capacity
- · Removable Terminal Board with configuration storage and backup
- USB Copy Unit and Keypad configuration storage
- · Overload Capacity 150% for 60 seconds
- · Output Frequency 0 to 400 Hz
- · Control Methods Open & Closed Loop Current Vector; Open & Closed Loop V/f
- Motor Types AC Induction; Permanent Magnet AC, Brushless DC
- Feedback Incremental; Absolute (Stegmann, Heidenhain, EnDat, Resolver)
- · Networks Ethernet/IP; DeviceNet, Modbus, PROFINET, PROFIBUS, Mechatrolink, CANopen, CC-Link
- Speed Control Range 100:1, 200:1, 1500:1
- · Embedded Safe Torque-Off
- · Integrated DC Reactor for input harmonic reduction
- · Simulation & Training Software

WHY AMMC

AMMC's 100+ years of machine and motion control engineering experience makes us uniquely suited to help with your next design project.

We're your technology partner with the capacity and insight to support you through every phase of product development from design conceptualization and prototyping to commercialization and deployment – always with a thoughtful and proactive perspective on product life cycle and subsequent product generations.

For twenty years, we've remained faithful to the ethics of the Golden Rule and are committed to maintaining our professional integrity in all of our business dealings.



