



## Aging **POWERTEC** drives got you down?



...DOWNTIME  
...REPAIR COSTS  
...LOST PRODUCTION

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

YASKAWA A1000  
YOUR SOLUTION FROM



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 +.

Total annual cost to repair the drive ..... **\$18,600**  
Total annual lost production cost from the drive ..... **\$90,000**  
Total annual cost for the aging drive ..... **\$108,600**

**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!**

A1000 DRIVE  
**\$7,900**



DRIVE REPAIR  
**\$18,600**



PRODUCTION LOSS  
**\$90,000**



## HOW MUCH COULD YOU SAVE?

Call **AMMC** toll free **(844) 655-AMMC (2662)**  
to find out!



[www.ammc.com](http://www.ammc.com)





## 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.

### Headquarters

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