



**REPLACE OBSOLETE SERVOSYSTEMS  
WITH STATE OF THE ART FIT FORM  
& FUNCTION NEW EQUIPMENT TO  
\* SAVE A LOT OF MONEY!**

### **USD HIGH POWER SERVO DRIVE**

Currently, a great number of machines are running with large, obsolete DC and AC Servomotors and Amplifiers. Many use 1980's- to 2000's-generation products that are rapidly becoming outdated. These machines are found in every industry, but the majority are used in CNC Machine Tools, Plastics and Material Handling applications. These large-power servosystems have brand names such as Peerless, Gettys, Inland, Fanuc, Yaskawa, Kolmorgen and Indramat, to name a few.

Repair or Replacement of obsolete motors or amplifiers, to prolong the life of an otherwise perfectly good machine, is a big problem. The unavailability of replacement motors and amplifiers result in huge repair costs. What is worse, the reliability of the product is very poor.

Potomac Electric's **USD Amplifier** is a new addition to our motor line, specially designed to address obsolescence and extend the life of the machine, especially since new ones are so expensive. After the requirements are defined, the actual retrofit is easily done by the end user.

The **USD series** is a state-of-the-art drive that easily interfaces with both older product and the **modern applications of today.**



**The USD/M54XX Brushless Servo system provides a cost-effective solution to avoid expensive retrofit of the whole Machine Control. Simply replace the Drive, Motor and two cables – done!**

### **Features and Benefits**

- High Performance AC Brushless System
- Torque up to 350 in-lb cont. 500 in-lb peak
- +/-10V analog input or digital interface
- Torque and velocity modes of operation
- Flexible design to accommodate various electrical interfaces
- Optional 19V or 30V tachometer
- Built-in Shunt Regulator
- Resolver or encoder feedback
- Internal or external electrical Brake
- Custom shaft sizes and mechanical mounting interface
- Easy to set up, extremely cost effective
- Exceptionally reliable

**We are proud to introduce the new Control package as a cost effective field solution for long-term machine maintenance and support.**

Contact our Application Engineers at <http://potomacelectric.com/repairs/inquires> or call **800-224-4712**. We look forward to hearing from you!

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