

Motion

Powerful ADVANCED Solutions

iMotion represents industry leading suppliers that assist OEMs, big and small, in solving their toughest motion control and

automation problems and making their business efficient, automated and profitable. Our partnership with ADVANCED Motion Controls, provides our customers with superior performance and a wide range of servo drive product options. The power and performance of these products, combined with the expertise and creativity of iMotion, come together to create cost effective, high value engineered solutions for your company's specific needs.



Your Custom Servo Solutions Partner For more than 25 years ADVANCED Motion Controls has proudly supplied high performance servo drives designed and built in the USA. AMC's company focus is to create and deliver the best motion control drives for any motor, any controller, any feedback, any industry and any application. By utilizing the latest technology available and providing the widest range of productions solutions, AMC is able to provide customers with technical and financial advantages in motion control.



Feedback: Absolute (EnDat, Hiperface and SSI), Incremental or Sin/Cos Encoders, Resolvers

Custom Capabilities

Networking options are not limited to those available on standard products - our experience in multiple communication protocols allows us to provide custom digital drives for a variety of network types.

Customizable Features

- Embedded Drives
- Multiple Servo Axes
- **EMI** Expertise
- Extended Environment
- Specified Software
- Integration and Ruggedization
- **Specialized Motor** Operations
- Parameter Optimization

www.imotioninc.com 720.346.7307

AxCent™ Features

Consolidated panel mount platform offers more features in fewer models:

- Application flexibility
- More modes of operation in each unit
- Built-in brushed and brushless compatibility
- Expanded DIP-Switch turning options on selected parts
 - Solderless solution to achieve optimal performance
 - Available for both current loop and velocity loop tuning
- Tachometer, Hall Sensors and TTL Encoder feedback on the same model
- Custom modifications are readily available to supplement the standard offering

Plug In drives for dedicated application solutions:

- Lower cost
 - PCB mounted for complete integration Features specific to applications



121 S. Wilcox Street Castle Rock, CO 80104