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This is accomplished by either a simple keypad, or through set-up wizards and your PC.  Baldor products help increase productivity, improve quality, work hard – and provide solutions for your application needs. | | | | AC Servo Drives  [Click here](javascript:openBrWindow('vrobject.asp?product=AC+Servo+Control','windowname','width=300,height=350,scrollbars=no,resizable=yes')) to view an AC Servo Drive VRObject (3D exploded view of drive). | | | | MicroFlex™ e100 |  | [MicroFlex™ e100](http://www.baldor.com/products/motioncontrol/microflexE100.asp)MicroFlex™ e100 integrates the advanced capabilities of real-time ETHERNET Powerlink to provide superior performance, network integration and costs savings. MicroFlex e100 is compatible with the NextMove e100 motion controller to provide a fully integrated solution using real-time Ethernet. MicroFlex e100 is a compact servo drive, available in single phase from 110-230VAC or 3 phase 230VAC operation in current ratings of 3, 6 and 9A. It provides high performance servo control for both rotary and linear brushless motors with its powerful DSP (Digital Signal Processor) core. |  |  |  |  | | --- | --- | --- | | [MicroFlex](http://www.baldor.com/products/motioncontrol/microflex.asp) |  | [MicroFlex](http://www.baldor.com/products/motioncontrol/microflex.asp) Baldor's MicroFlex is a compact brushless servo control capable of powering either rotary or linear motors. Input command may be the industry standard +/- 10 Vdc (velocity or torque), or pulse and direction (solutions for stepper upgrade packages). Feedback is software programmable, accepting encoder, SSI (Synchronous Serial Interface) or Halls sensors. Available in single phase from 110-230VAC or 3 phase 230VAC operation in current ratings of 3, 6 and 9 amps. Intuitive front end Windows software provides full auto-tuning capabilities. |  |  |  |  | | --- | --- | --- | | [FlexDrive II](http://www.baldor.com/products/motioncontrol/flexdrive.asp) |  | [Flex DriveII](http://www.baldor.com/products/motioncontrol/flexdrive.asp) Baldor's FlexDrive *II* is a fully featured 1 axis brushless servo which provides high performance control of rotary and linear brushless servo motors. FlexDrive *II* accepts industry standard +/- 10 Vdc, or pulse and direction, or electronic hand wheel command inputs. Baldor's fully featured controls include a variety of options, such as bus options (CAN, DeviceNet, and Profibus-DP), feedback (resolver, incremental and absolute multi-turn encoders), I/O (programmable interface to external PLC) and logic supply options (internal or externally supplied +24 V). Full auto-tuning makes set up and tuning simple . Models available with 115/230/400/460 Vac and currents up to 15/15/27/27 amps. |  |  |  |  | | --- | --- | --- | | [Flex+DriveII](http://www.baldor.com/products/motioncontrol/flexplus.asp) |  | [Flex+ DriveII](http://www.baldor.com/products/motioncontrol/flexplus.asp) Repeatable moves become a breeze to accomplish with this easy-to-set-up package. Baldor's Flex+DriveII is similar to the FlexDrive series, however incorporating intelligence for indexing applications. For simple point-to-point indexing moves, a pre-set table is configured. The 16 pre-set moves can be expanded to 256. Complex indexing is handled with single-tasking version of Baldor's MintMT programming language. Windows front end for easy to use set-up and full auto-tuning . The Flex+Drive *II* provides servo control for rotary and linear brushless servo motors. |  |  |  |  | | --- | --- | --- | | [MintDrive II](http://www.baldor.com/products/motioncontrol/mintdriveII.asp) |  | [MintDriveII](http://www.baldor.com/products/motioncontrol/mintdriveII.asp) Baldor's award winning MintDrive *II* integrates a powerful motion controller and servo drive into an intelligent compact package. The MintDrive *II* provides motion control for single-axis applications for rotary or linear brushless servo motors. Programmable in Baldor's easy to use multi-tasking language MintMT, which coordinates motion, HMI and PLC tasks. Supports positional moves, CAMS, flying shears, software gearboxes, and more. Engineered for much higher speed. Windows front end provides full auto-tuning to make velocity and position loop set-up simple. |  |  |  |  | | --- | --- | --- | | [EuroFlex™](http://www.baldor.com/products/motioncontrol/euroflex.asp) |  | [EuroFlex™](http://www.baldor.com/products/motioncontrol/euroflex.asp) EuroFlex™ is a compact EuroCard format servo drive, available in single phase from 24-80VDC or 18-56VAC, 5A continuous, 15A peak. EuroFlex provides high performance servo control for both rotary and linear brushless motors with its powerful DSP (Digital Signal Processor) core. The motor feedback is software programmable, accepting commutating encoder or Halls only. |  |  |  |  | | --- | --- | --- | | [MotiFlex™ e100](http://www.baldor.com/products/motioncontrol/motiflex.asp) |  | [MotiFlex™ e100](http://www.baldor.com/products/motioncontrol/motiflex.asp)  MotiFlex™ e100 is the latest generation of 3 phase drive from Baldor. System architecture is simplified by a single, highly flexible drive and motion control platform. For example, control of linear, rotary, servo and vectors is simply a software configuration. |  |  |  |  | | --- | --- | --- | | DC Brushless Adjustable Speed | | | | [DC Brushless Adjustable Speed](http://www.baldor.com/products/motioncontrol/dc_speed_controls.asp) |  | [DC Brushless Adjustable Speed](http://www.baldor.com/products/motioncontrol/dc_speed_controls.asp) Baldor’s BMC-series of controls now provides designers the advantages and benefits of brushless technology for adjustable speed applications– these include quieter operation, less maintenance, tight speed regulation and a more efficient design. Adjustable speed applications such as door openers, mixers, conveyors, pumps, and many others can now make efficient use of brushless technology |  |  |  |  | | --- | --- | --- | | DC Servo Drives  [Click here](javascript:openBrWindow('vrobject.asp?product=DC+Servo+Control','windowname','width=300,height=350,scrollbars=no,resizable=yes')) to view a DC Servo Drive VRObject (3D exploded view of drive). | | | | [TSD Series](http://www.baldor.com/products/motioncontrol/tsd.asp) |  | [TSD Series](http://www.baldor.com/products/motioncontrol/tsd.asp) Baldor's TSD is a totally enclosed PWM drive for control of one or two DC servo motors. Panel mount enclosure, completely stand-alone unit plugs into 115 or 220 Vac. Accepts industry standard +/- 10 Vdc input command for operation in either velocity or current mode. Provides up to 5 amps continuous, 10 amps peak per axis. Fully protected unit. Easily interfaces to existing motion controllers. |  |  |  |  | | --- | --- | --- | | [UM Series](http://www.baldor.com/products/motioncontrol/um.asp) |  | [UM Series](http://www.baldor.com/products/motioncontrol/um.asp) The UM control is an open chassis configuration designed to operate a wide range of Baldor's DC servo motors. The UM series typically contains from one to six servo control cards mounted onto a multi-axes chassis containing a power supply. Accepts industry standard +/- 10 Vdc input command for operation in either velocity or current mode. Models provide up to 6/15 amps continuous, with 15/30 amps peak. Easily interfaces to motion controllers. Protection for over/under voltage, over temperature, short circuit, etc. |  |  |  |  | | --- | --- | --- | | [LD Series](http://www.baldor.com/products/motioncontrol/um.asp) |  | [LD Series](http://www.baldor.com/products/motioncontrol/um.asp) The LD series servo control is an open chassis configuration similar to the UM, however operates direct from 115 Vac. The LD contains one or two servo control cards mounted onto a chassis, provide 15 amps continuous, 30 amps peak per axis. Protection for over/under voltage, over temperature, short circuit, etc. | | |