

Smart Motors

Save space, time and money by eliminating wires, cables and control panels by using smart motor technologies from Tek-Matic. Motion control systems typically consist of a motor with feedback, a drive/amplifier, and a smart controller. While motors are mounted to your machine, the drives/amplifiers are typically located inside of a remote panel, and then attached to each other via cable sets. These cables can be hard to make or source, time consuming to install, a source for noise (requiring troubleshooting), and can physically interfere with the motion itself. Control panels can be expensive, take up extra space, and take time to build. Smart motors are available with the motor/feedback/drive & controller all in one motor housing. Smart motors even have built in I/O logic, and communication protocols, sometimes eliminating the need for a PLC.



Products

- Smart Servo Motor Systems
- Smart Stepper Motor Systems
- Smart AC motor/VFD Systems
- Motor/Drive Only Configurations

Options and Configurations

- NEMA 11 – NEMA 34 Stepper/Servos
- Washdown Versions
- Multi-Axis Synchronization Buses
- Continuous Torque Ratings up to 250 oz-in
- AC Motor versions from 0.55 to 7.5 HP
- Wide Variety of Communications Buses
- Remote I/O Breakout Units



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