

**“I told you we will
find a local supplier!”**



**MDS is a Motor Drive System
in one compact module.**

**It offers machine builders
superior performance over
brush DC motor/drive and AC
Induction motor with VFD.**

**In addition to servo like speed
control, light weight and small
size, MDS cuts costs on wiring
and eliminates set up time.**

www.mechatronicssystems.com/MDS



- State of the art brushless motor technology. Advanced drive algorithms – 30% higher efficiency over AC Induction motor and VFD
- 40% smaller foot print and weight than DC and AC Induction motor systems
- NEMA 56C, IEC and Custom configurations
- Environmental Rating up to IP67
- 0.5-3 HP Output Power, 250 in-lb peak Torque.
- Full Torque at zero speed, like a servo
- Reduced Wiring
- EtherCAT, Ethernet TCP, Ethernet/IP communication or traditional hardwired control interface
- Factory setting to meet most applications
- Bluetooth for quick set up on special applications

**MECHATRONICS[®]
SYSTEMS**

a Potomac Electric Company

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