



APPLIED MACHINE & MOTION CONTROL

"World Class Machine & Motion Control Solutions Providers"

Solutions Partners



www.yaskawa.com

Servo Motion Control Systems

- High performance amplifiers and motors
- Linear motors
- Single axis and Multi-axis machine controllers

Industrial AC Drives

- Largest AC drive manufacturer worldwide
- Power range from fractional to 1750 HP
- Network communication capability

Brushless and Brush-Type Servo Amplifiers

- AC/DC Input versions
- Very small form factor
- Digital amplifiers
- Single axis controllers
- CANOpen bus based controllers



www.elmomc.com

Operator Interface Products

- Uniop line of operator interface
- Over 40 touch and panel models
- Single development software
- Seamless integration with most PLC's and controllers



www.exor-rd.com



APEX DYNAMICS, INC. www.apexdyna.com

High Precision Planetary Gearboxes

- In Line, right angle, and direct drive type
- Compatible with all servo motors
- Fast delivery



www.milleredge.com

Safety Mats and Light Curtains

- Standard or custom safety mat design
- Light curtains and safety control relays



Standard & Custom Motors

- Brushless, brush-type - servo & steppers
- Custom OEM designs - high volume
- Brakes, encoders, reducers, cables



www.galilmc.com

1 - 8 Axis Motion Controllers

- PC Based or stand alone
- Simple yet complete motion library
- Hardware formats include ISA, PCI, VME Compact PCI, PC/104
- Ethernet, USB, RS232/422 connectivity



www.phoenixcon.com

Industrial IO, Power Supplies, Networking, Cabling

- Bus based IO, Ethernet, Modbus, Profibus, CanOPen, More
- Industrial Power Supplies
- Industrial Network Devices Including Wireless
- PLC Cabling, Breakout Modules, Signal Conversion



www.exlar.com

Linear Actuators, Brushless Motors/Gearmotors

- Integrated motor/linear actuator
- Roller screw technology, long life, high force
- Peak force capability 40,00lb+, up to 60 in/sec speed
- Compatible with most amplifiers



www.trustautomation.com

Trust Automation, Inc.

- Precision linear amplifiers
- Component design and build
- Commercial design and fabricating
- Custom OEM system solutions

Linear and Rotary Encoders

- Self adhesive scales
- Compact readheads
- Very high resolution
- IP67 for harsh applications
- Ring encoders for rotary applications



www.renishaw.co



www.amosin.com



www.danahermotion.com

Mechanical Components and Systems

- Micron gearheads
- Precision linear slides and actuators
- Clutches and Brakes



www.dolan-jenner.com

Safety Light Curtains

www.ammc.com

S Ohio/Kentucky/S Indiana: 617 North Wayne Avenue - Cincinnati - 45215 - phone: (513)769-1111 - fax: (513)769-1112

NE Ohio/W Pennsylvania: 16309 Elsienna Avenue - Cleveland - 44135 - phone: (216)941-9551 - fax: (216)889-1413

SE Michigan/NW Ohio: 21365 Currie Road - Northville - 48167 - phone: (248)486-5669 - fax: (248)486-5675

SW Michigan/N Indiana: 13970 H.F. Klug Drive - Buchanan - 49107 - phone: (269)695-3053 - fax: (269)695-3054