



APPLIED MACHINE & MOTION CONTROL

25+ YEARS IN MOTION

MOTION & PLC

SINGLE & MULTI-AXIS MOTION
SYSTEMS, PLCs, PACs, CNCs



DELTA TAU
NEW IDEAS IN MOTION

OMRON



YASKAWA

MECHANICAL

GEARING, SCREWS, COUPLINGS,
STAGES, ACTUATORS

ACCU TECH USA
Automation and Motion Solutions



APEX DYNAMICS, USA



MACRON DYNAMICS, INC.



AUTOMATION CONTROL

ENCODERS, PANEL COMPONENTS,
ETHERNET NETWORKING, I/O

ADVANTECH



HEIDENHAIN



OMRON

MOTORS

ROTARY & LINEAR, INDUCTION,
BRUSH, BRUSHLESS AC & DC



marathon™
Motors



OMRON



YASKAWA

DRIVES

VFD, SERVO, INTEGRATED
DRIVE-MOTOR



OMRON



YASKAWA

ROBOTICS

ROBOTS, TOOLING, DRESS
PACKS, INTEGRATED SYSTEMS



YASKAWA

HMI & PC

HMI, INDUSTRIAL PCs,
SOFTWARE, MARQUEES

ADVANTECH



OMRON

SENSING

SENSORS, VISION, RFID,
ULTRASONIC, CORDSETS

OMRON

SAFETY

LIGHT CURTAINS, SAFETY
RELAYS, DOOR SWITCHES

OMRON



CONTROLLERS, DRIVES & CNCs

- Machine & Motion Controllers
- Integrated Controller/Amplifiers
- CNC Solutions

OMRON



PLCs, PACs & MOTION SYSTEMS

- NJ & NX Series Automation Controllers
- CJ2 Series Modular PLCs
- Sysmac Suite Software



ENGINEERED MOTION SYSTEMS

- Motion & Machine Control Components & Systems
- Integrated Control/Drive/Motor/Actuator Designs
- Military Grade Design, Certification & Manufacture

YASKAWA



MOTION CONTROL SYSTEMS

- Single & Multi Axis Machine Controllers
- IEC61131-3 Software with PLCopen
- Servo Drives & Motors

Allied Motion



STANDARD & CUSTOM MOTORS

- Brushless DC & Servo Motors
- Integrated Motor/Drive
- Direct Drive Torque Motors

dunkermotoren advanced motion solutions



MODULAR MOTOR SYSTEMS

- Brush & Brushless Motors
- Servo Tube Linear Motors
- Fieldbus & Ethernet Integrated Drives

LinMot®



LINEAR MOTOR SYSTEMS

- Linear Motors
- Guided Linear Actuators
- MagSprings

marathon™ Motors



AC & DC MOTORS

- Inverter Duty "Max" Family
- Pump Motors (Fluid Handling)
- Washdown, Painted & Stainless Steel

MOTOR POWER COMPANY



OEM MOTOR SOLUTIONS

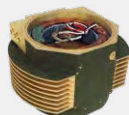
- COTS & Custom Motors
- Integrated Motor/Drive
- Mechatronic Core Solutions

OMRON



SERVO MOTORS

- 1S Series & G5 Series
- Rotary & Linear Motors
- 50 Watt to 15 kWatt Capacity



ENGINEERED MOTORS

- Industrial & Military Grade Motor Designs
- Absolute & Incremental Feedback Options
- Integral Gearing & Cooling Options

YASKAWA



SERVO MOTORS

- Sigma-5 & Sigma-7 Series
- Rotary & Linear Motors
- 3 Watt to 55 kWatt Capacity



SERVO DRIVES

- Drive Programmable or Network Motion
- AC, DC & Military Models
- Unmatched Power Density

OMRON



SERVO DRIVES

- 1S Series & G5 Series
- 50 Watt to 15 kWatt Capacity
- EtherCAT

VFD DRIVES

- V/Hz Control, Open & Closed Loop Vector
- 1/8 HP to 1350 HP Capacity
- Network Communication Interfaces



ENGINEERED DRIVE SYSTEMS

- Commercial Off-The-Shelf & Custom Solutions
- AC Brushless, DC Brush & AC Induction
- Military Grade Design, Certification & Manufacture

YASKAWA



SERVO DRIVES

- Sigma-5 & Sigma-7 Series
- 3 Watt to 55 kWatt Capacity
- Ethernet/IP & EtherCAT Drives

VFD DRIVES

- Variable & Constant Torque
- 1/8 HP to 2250 HP Capacity
- Network Communication Interfaces

ADVANTECH



HMI, PCs, MONITORS

- 3.5" to 21.5" Display Sizes
- Panel & Embedded Automation PCs
- WebAccess Software Solutions

EXOR



HMI, PANEL PCs, MARQUEES

- 40+ Touch & Panel HMI Models
- Single Development Software Platform
- Marquees (Ethernet/IP, Ethernet UDP, OEE)

OMRON



HMI, PCs, INTERGRATED SOFTWARE

- 3.5" to 15" Display Sizes
- ONE Tag Database Software & Simulation
- Built-in Troubleshooting Features



ROBOTIC END OF ARM TOOLING

- Automatic Tool Changers
- Collision Sensors
- Grippers, Docking & Connection



ROBOTIC PERIPHERAL EQUIPMENT

- Tool Changers & Swivels
- Mechanical Grippers & Valve Packs
- Hose Packages & Dress Packs



ROBOTIC END OF ARM TOOLING

- Tooling for Palletizing, Plastics & CPG
- Components for Wrist, Hand, Finger
- Application Kits or Complete EOAT Design

YASKAWA



ROBOTIC SOLUTIONS

- Collaborative & Functional Safety
- Packaging, Material Handling, Assembly
- Weld, Paint, Machine Tending

ADVANTECH**AUTOMATION & ETHERNET SOLUTIONS**

- Remote I/O Modules
- Ethernet Networking Solutions
- Automation Controllers & Wireless I/O

AMO
 AMO GmbH
HEIDENHAIN**LINEAR & ROTARY ENCODERS**

- Spars & Self-Adhesive Scales
- IP67 for Harsh Applications
- Rotary/Linear & Absolute/Incremental

EXOR**INTEGRATED HMI + PLC, SCADA**

- 500, 600 & 700 Series HMI + CODESYS Soft PLC
- Plug-in PLC I/O Modules
- JMobile PC Runtime Software

Lovato
 electric
**PANEL COMPONENTS**

- Contactors & Motor Starters
- Circuit Breakers, Fuse Holders & Disconnects
- Selector Switches & Signal Towers

OMRON**PANEL COMPONENTS**

- Power Supplies
- Relays, Timers & Counters
- Fieldbus Remote I/O

OMRON**SENSOR, VISION, RFID**

- Photoelectric
- Proximity
- RFID
- Vision
- Ultrasonic
- Measurement
- Cordsets

OMRON**LIGHT CURTAINS, SWITCHES & RELAYS**

- Light Curtains
- Area Sensors
- Safety Relays
- Door Switches
- Safety Mats

ACCU TECH USA

Automation and Motion Solutions

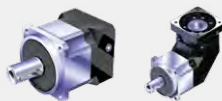


MOTION & MECHANICAL SOLUTIONS

- Actuators & Gantry Systems
- Ballscrews
- Linear Guides



APEX DYNAMICS, USA



PLANETARY GEARBOXES & RACK SYSTEMS

- High Precision In-Line & Right Angle Gearboxes
- Shaft & Flange Output Gearboxes
- High Precision Spur & Helical Machine Rack & Pinion



Cone Drive



WORM GEAR & PLANETARY GEARBOXES

- High Performance & High Precision Gearboxes
- Right Angle & Double Enveloping Worm
- Harmonic Components & Component Sets



LINEAR ACTUATORS

- Roller Screw Technology
- Customizable, Can Mount Any Motor
- High Thrust Capacity, 100,000 lbs Max



MACRON DYNAMICS, INC.



LINEAR ACTUATORS & GANTRY SYSTEMS

- Belt & Screw-Driven Linear Actuators
- Multi Axis Gantry System
- Cartesian Robots



MECHANICAL COMPONENTS & SYSTEMS

- Precision Ball & Acme Screws
- Electric Cylinder & Modular Actuators
- Acme & Ball Screw Jacks



PRECISION ROLLER SCREWS

- Satellite Roller Screws
- Reverse Roller Screws
- Differential Roller Screws



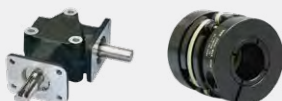
INDEXERS & PART HANDLERS

- Cam Indexers
- Flexible Servo Indexers
- Part Handlers



LINEAR MOTION COMPONENTS

- Linear Slides & Actuators
- Ball & Lead Screws
- Linear Bearings & Guides



COUPLINGS & BUSHINGS

- Flexible Shaft Couplings
- Keyless Shaft Bushings
- Torque Limiters

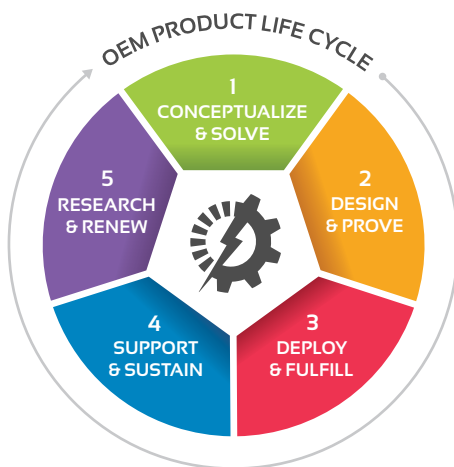


WE ARE **AMMC** (APPLIED MACHINE & MOTION CONTROL)

With over 100 years of machine and motion control engineering experience, AMMC is uniquely suited to support your next design project through every phase of product development from conceptualization, design, and prototyping, through commercialization and deployment.

golden motion IS WHAT WE DO

AMMC is your gold standard source for optimal motion control and automation solutions. We deliver for you by leveraging our extensive engineering expertise and applications experience, and by providing solutions that incorporate blue-chip products and services. Technical excellence, coupled with our dedication to the ethics of the “Golden Rule,” ensure you the “Golden Motion” experience.



ENGINEERING SERVICES

- Engineering Concept & Design
- Selection of Control Architecture
- Installation & Start-Up Support
- Product Training & Plant Audits

Call us when you are ready to **CONCEPTUALIZE | DESIGN | ENGINEER | PURCHASE**
toll free **(844) 655-AMMC (2662)** or visit us at **www.ammc.com**

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