

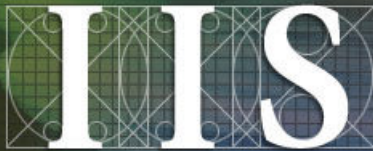
**premier
motion
group.
inc.**

First in Motion



STANDALONE, PULSE/DIRECTION, RS-485, USB 2.0 & ETHERNET-BASED DRIVE & CONTROL SOLUTIONS

DriveMax INTEGRATED MICROSTEPPING MOTOR/DRIVE:
Available with open and closed-loop **ControlMax** control.
PerforMax STANDALONE CONTROLS & STEPPER DRIVES



INDUSTRIAL INDEXING SYSTEMS

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Emerald series distributed multi-axis servo controls with SERCOS, CAN, or DeviceNet.
Turnkey motion control software and systems.

TOSHIBA SERVO MOTORS & AMPLIFIERS:

Drives 1.4 – 166 A/Ø @ 115 – 480 VAC
Velocity/current/position/host/direct feed/follower modes.
Motors 30 W to 55 kW, resolver or encoder feedback

HPB SERVO MOTORS: Low cost OEM motors 400 W to 15 kW



Precision Automation Corporation

LINEAR STAGES: General Automation to Submicron Precision
Timing Belt – High Speed at Low Cost
Screw Drive – Composite or Ball Screw
Linear Servo Motor – Highest Performance

TURNKEY POSITIONING SYSTEMS:

XY & XYZ Mounts, gantries, standard and OEM designs
Servo and stepping motor drives & controls



First in Motion

STEPPING MOTORS:

Nema 8, 11, 14, 16, 17, 23, 34, 42
1.8° & 0.9° per step; standard & OEM design

MICROSTEPPING MOTOR DRIVES: 6 A/Ø @ 20-80 VDC;

BRUSHLESS SERVO MOTORS: Nema 17, 23, 34



new ideas in linear motion

LINEAR ROD-STYLE ACTUATORS:

Loads to 2700#, Acme/Ball Screw; Gear/Belt Reduction

SCREW JACKS: Loads to 79,000 # ; AC, DC motors available

LINEARMECH ACTUATORS: Low cost OEM designs



DC MOTORS AND GEARMOTORS:

78 mm @ 60 – 200 watt; to 230 VDC

DRUM MOTORS:

80, 113, 135, 165, 215 mm diameter
0.08 – 7.5 kW, 1Ø and 3Ø, 0.8 - 2.44 m/sec
IP67, stainless, and custom finishes

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REPRESENTING AND DISTRIBUTING MULTI-NATIONAL LINES THROUGHOUT NEW ENGLAND & NORTH AMERICA

Arcus, IIS, and Servomech represented in New England.