
INTRODUCTION

Thank you for selecting Industrial Indexing Systems' DeltaMax Series products. You join many other companies around the world in your choice of these powerful, flexible motion control products.

The small, lightweight DeltaMax system combines the controller, driver and motor into a single unit. This integrated package delivers the latest in all-digital electronic design, SMT circuit board construction and clever engineering to deliver high performance, advanced features and reasonable cost. Compact, high power density motors provide low rotor inertia, making them the logical choice for all applications including positioning, indexing, master-slave, complex profile shapes, electronic ratios and cams, and many others.

The DeltaMax has a wide array of features, including one active servo axis with one-half axis follower fiber optic input, two powerful embedded high speed 32-bit RISC processors, flash ROM and NOVRAM memory, high visibility 5-digit drive status display, 1-digit controller status display, two RS-232 ports, 16 optically isolated inputs, 8 optically isolated outputs, 8 programmable limit switches, analog inputs and output, optional DeviceNet connection and more.

The controller is programmed using our friendly MacroProgramming language and powerful new MacroPro II software tools for the PC.

