ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Douloi Automation MSB-V2* at our website: *Click HERE*



Inclusive Control

Fully Integrated Stand Alone Controller

MSB Features:

Motion System:



- 2 - 16 Axes Controller
- Stepper, Servo, or Both
- 32 Bit Processor Running at 128 MHz
- 8 kHz Maximum Servo Update Rate
- Sample Rates from 1 - 8 KHz Across All Axes
- Linear, Circular, Curve Interpolation
- Electronic Gearing with Phase Adjust
- Coordination Tailoring / Superpositioning
- Multi-Threading
- Triangular, Trapezoidal, Curved Motion Profiling
- High Speed Position Capture / Registration
- Gain-Zero-Integrator Filter or PID Control Law
- Torque, Velocity, Acceleration Feed Forward Modes
- 4 MHz Encoder Input Rate
- Single Ended, Differential, or Absolute Encoder Inputs
- Hardware Position Latching
- +/- 10 Volt (12 bit) Servo Amplifier Signal
- Opto-isolated Servo Enable Signals
- 2 MHz Step Clock Rate
- Single Ended or Differential Step Signals
- Open Collector Stepper Enable Signals

Integrated I/O:

- 18 Power (24V) Inputs, Opto-isolated, Sinking or Sourcing
- 8 Power (24V) Outputs, Opto-isolated, Sinking or Sourcing
- 48 TTL I/O, Inputs or Outputs Configured in 4 bit Groups
- Expansion Ports for Analog Inputs / Outputs

Miscellaneous:

- Dual Analog and Digital Watchdog Safety Systems
- Separate E-Stop Input (Opto-isolated)
- Servo Error Limit Detection
- Application Level Safety Interlock Tasks
- Interconnect:
    - Motion and Power I/O via 3.5 mm Detachable Screw Terminals
    - TTL I/O via 50 pin Cable (Opto 22 Rack Compatible)
    - Communications via mini-din 6 and 9 pin Male D-Sub Connectors

Programming Via Pascal Based Language or Visual Based Environment --> More Information <--

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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