

ARTISAN®
TECHNOLOGY GROUP

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

Artisan Technology Group
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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
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Expert team | Trust guarantee | 100% satisfaction

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Find the *AccuWeb CTL 4110-01* at our website: ***Click HERE***

MICRO 4000 NET

Web Guide Controller



Part of the most advanced web guide system available today

The Micro 4000NET is designed to handle the most demanding web guide applications.

The Micro 4000NET controller is the heart of the industry's most advanced web guide system. It is designed to handle any application, perform in any environment, and guide all web materials. The Micro 4000NET offers outstanding flexibility by interfacing with existing customer networks and PLCs. The result is the ability to provide unmatched accuracy, consistency and reliability. It is compatible with all of AccuWeb's dynamically compensated WideArray™ and standard edge detectors, AccuBeam® 3 line guide, and all linear actuators — all in one enclosure.



Remote guide point adjust station

The Micro 4000NET is packed with advanced web guide features.

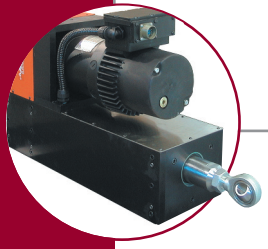


Dynamically compensated edge detectors

- **Digital Speed and Accuracy —** Automatically calibrates the web guide system for environmental changes, web process contaminents, and web edge changes every 4 milliseconds.
- **Operator Friendly —** Intuitive touch pad interface with LED indicators. Setup parameters are located inside the controller, safe from inadvertent adjustments.
- **No Setup Downtime —** The system performs continuous automatic calibration of edge detectors through AccuWeb's exclusive dynamic compensation process.
- **Network Friendly —** Optional fieldbus adapters easily interface with most popular fieldbus networks, including ControlNet™, DeviceNet™, Modbus Plus, Profibus®-DP, and Ethernet protocols. Discreet I/O interfacing is a standard feature.
- **Easy Installation —** All components are contained within this single enclosure – reducing interconnections and easily installs on web guide equipment next to the web guide frame.
- **Ratings —** Enclosure is rated IP65 for protection from harsh environments, and designed to UL, EUL, CUL, CE and FCC codes. Reference UL certification at www.ul.com.
- **Hazardous Duty —** Optional provisions for use in Class I Division 1 hazardous environment. **Note: control enclosure must be located outside of the hazardous environment.**



Digital line guides



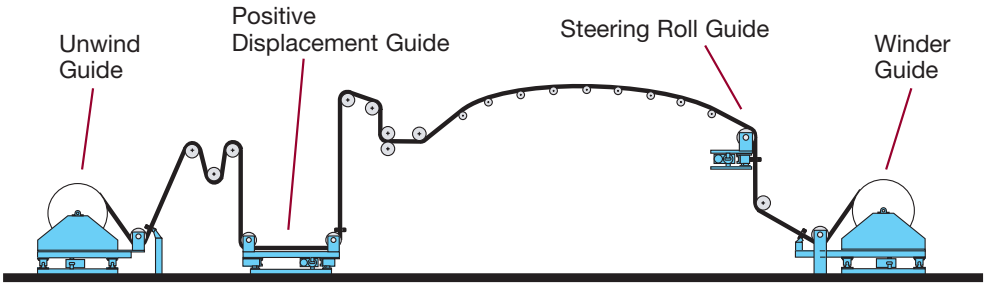
Handling the largest electromechanical actuators in the industry (up to 60,000 lbs of thrust)

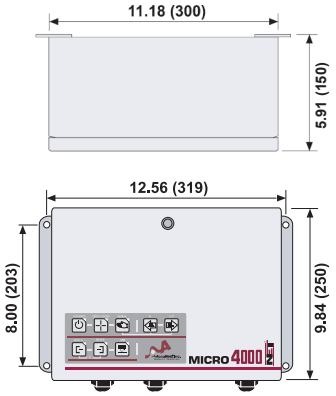
Manufactured in the United States
under Patents #5,834,877 and #5,274,573

AccuWeb® Inc.
www.accuweb.com

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The Micro 4000NET can handle EVERY web guide application





Specifications

Input Voltage: 90-132 VAC or 180-264 VAC, 50/60 Hz, 1-Phase

Touch Pad Control Functions:
- Edge A Select
- Edge B Select
- Centerline Select
- Actuator Retract
- Actuator Extend
- Automatic Mode
- Servo-center Mode
- Manual Mode

Enclosure:
- IP65 rated
- Cam-locked door with double-bit insert key
- Hazardous, stainless steel, and custom designs available
- Chassis mount available

Temperature:
- 30°F (0°C) – 125°F (52°C)

Interface Compatibility:
- Refer to Controller Comparison Chart

Options:
- Oscillation
- Randomizing
- Master/Follower web guiding
- Chaser/Slave web guiding
- Class I, Division 1 hazardous environment
- Web width monitoring
- Wash down
- Vacuum environment
- High temperature edge detector

Controller Comparison

	Micro 1000	Micro 4000 NET
System Capabilities		
Microprocessor-based	✔	✔
No calibration needed	✔	✔
8-button switchpad with Servo-center	✔	✔
Class I, Div 1 environment capable		✔
PWM drive	✔	✔
Adjustable Servo-gain control	✔	✔
Auto-recovery after power interruption	✔	✔
Optically-isolated inhibit function	✔	✔
Optically-isolated fault indicator output	Optional	✔
Drives brushed DC motors	✔	✔
Drives brushless DC motors		✔
Compatible actuator maximum load weight	5,000 lbs.	100,000 lbs.
Edge/Line Detector Compatibility		
WideArray® Edge Detectors	✔	✔
High-temperature edge detectors		✔
AccuBeam® 3 digital line/edge guide	✔	✔
Network Compatibility		
Analog signal inputs, signal outputs		✔
Discreet PLC I/O	Optional	✔
ControlNET capable		✔
DeviceNet capable		✔
Modbus Plus capable		✔
Ethernet capable		✔
Profibus capable		✔
Web Guide Capabilities		
Web width monitoring		Optional
Oscillation at a static rate	Optional	Optional
Oscillation rate based on line speed		Optional
Web randomizer	Optional	Optional
Edge/Line loss detection	✔	✔
Remote guide point adjust	Optional	Optional
Chaser/Slave	✔	✔
Master/Follower		✔

You'll always get more value from AccuWeb

- **PWM (Pulsed Width Modulated) motor drives for quick, accurate response.**
- **Compact self-contained design requires no additional boxes or drives.**
- **Capable of web oscillation, electronic guide point adjustment, web width measurement and web position monitoring.**
- **Ideal for laminating applications, software controls the positioning of one web relative to another web or multiple webs.**
- **Fully compatible with explosion-proof, brushless actuators.**

AccuWeb® Inc.

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