

EVO 150 – COMPACT WEB GUIDE CONTROLLER

Superior power and advanced technology in a compact 24V DC web guide controller.

The EVO 150 offers both versatility and reliability in an unusually small package. Easily integrated with industry standard networks, the EVO 150 is readily compatible with all AccuWeb dynamically compensated WideArray™ and PointSource™ edge detectors.



- **24V DC Operation** – The EVO 150 controller is easy to integrate into existing converting lines or control panels.
- **150 Watts of Power** – Powerful enough to control actuators on all guiding applications.
- **Advanced Brushed or Brushless Drive** – Ideal for new or retrofit applications whether brushed or brushless, facilitating the use of maintenance-free brushless actuators.
- **Easy Installation** – The EVO 150 control module is ready for DIN rail mounting, or available in a IP65 rated metal enclosure with an optional switchpad or touch screen HMI panel.
- **Network Friendly** – Optional EtherNet/IP, PROFINET I/O and discrete I/O communication protocol allow quick and easy interface with existing control networks and PLCs.
- **Web Accessible** – Integrated web EtherNet port allows uploading and downloading of guide settings and performance data.
- **DualEdge™ Guiding** – Capable of centerline guiding webs up to 18" wide using a single Wide Array™ edge detector.

A Better Web Guide Controller Design from AccuWeb

- Controls maintenance-free brushless motors.
- Optional communication protocols simplify interfacing with existing PLC control systems.
- EVO 150's compact metal enclosures come ready to plug and play.
- 24V DC operation accepted globally.
- Equipped with AccuWeb's DualEdge™ technology for centerline guiding with a single WideArray™ edge detector.
- Capable of web oscillation, electronic guide point adjustment, web width measurement, and web position monitoring.
- Made in the USA by AccuWeb.

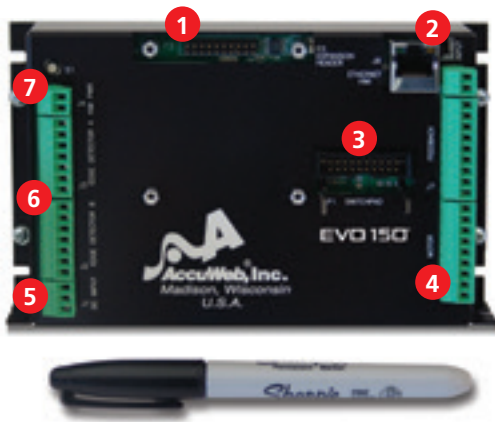
Specifications

- **Input Voltage:** 24V DC
- **Enclosure Options:** 4.3" HMI touchscreen, Switchpad, DIN rail mounting
- **Temperature:** 30°F (0°C) – 125°F (52°C)
- **Interface Compatibility:** Optional discrete I/O, Optional EtherNet/IP, Optional PROFINET I/O
- **Options:** DualEdge™ Technology, Web width monitoring, Oscillation, Randomization, Chaser/Slave web guiding, Remote guide point adjust, Remote line guide adjust

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 **AccuWeb**

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- 1 EtherNet/IP Port
- 2 HMI PanelConnection
- 3 Switchpad Connection
- 4 Actuator Connection
- 5 DC Input
- 6 Connections for 2 Edge Detectors
- 7 HMI Power Input

System Capabilities	EVO 150	MICRO 1000	MICRO 4000 NET
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 maxi load weight	7,500 lbs.	5,000 lbs.	100,000 lbs.
Edge/Line Detector Compatibility			
WideArray® Edge Detectors	✓	✓	✓
High-temperature edge detectors			✓
AccuBeam® II digital line/edge guide	✓	✓	✓
Network Compatibility			
Analog signal inputs, signal outputs			✓
Discrete PLC I/O	optional	optional	✓
ControlNET capable			✓
DeviceNet capable			✓
Modbus Plus capable			✓
EtherNet/IP capable	✓		✓
Profibus capable			✓
PROFINET I/O capable	✓		✓
Web Accessible	✓		
Web Guide Capabilities			
DualEdge™ Technology	✓		
Web width monitoring	optional		optional
Oscillation at a static rate	optional	optional	optional
Oscillation rate based on line speed	optional		optional
Web randomizer	optional	optional	optional
Edge/Line loss detection	✓	✓	✓
Remote guide point adjust	optional	optional	optional

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We will be happy to advise you!

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