

EZ-Boom™ – Precision Application

F A C T S H E E T



EZ-Boom™

The EZ-Boom automated boom shut off and liquid rate controller makes liquid application simple and easy. The system automatically turns up to 10 individual boom sections on and off based on already applied areas, which provides more accurate application around point rows, waterways and field boundaries, where overapplication is most likely to occur. The EZ-Boom system also provides accurate rate control with Rate-1 and Rate-2 settings. The rate can be adjusted using the +/- switch.

Skips and overlaps will no longer be a concern with the use of the EZ-Boom system. No more stressing over turning sections off at the right time or remembering to turn them back on. Save input cost, reduce operator fatigue and improve overall application accuracy. Ag Leader's EZ-Boom provides an economical approach to automatic boom section control.

EZ-Boom Installation

EZ-Boom can be mounted in any location in the cab by installing a single bracket that is included in the kit. Installation is simple and clean through a direct connection to supported sprayer harnesses. Complete system cabling is available for all supported valves and flow meters. EZ-Boom reduces cab clutter by eliminating the need for a separate controller, is effortless to install, easy to use and backed by Ag Leader's industry-leading Tech Support.

Key Features

- Controls most liquid applications.
- Automatic boom section on/off control.
- Controls up to 10 boom sections.
- Replaces many popular controllers on the market today.
- Raven 440/450/460/660 harnesses plug directly into the EZ-Boom.
- Works in conjunction with most Raven consoles for automatic boom section control.
- Adaptor kit available for replacing Raven 4400 and 4600 consoles.
- Supported valve/flow meters include Raven, TeeJet, Mid-Tech and DICKEY-john.
- Rate-1 and Rate-2 selection switch.
- +/- switch for adjusting rate.
- Manual setting for independent valve control.
- Boom status and pressure indication are displayed on the screen of the EZ-Guide 500.
- EZ-Guide 500 on-screen graphics to aid vehicle configuration.
- Calculates total applied area.
- Compatible with the EZ-Steer assisted steering system for hands-free steering.

The Complete EZ Package

The EZ-Boom system is designed to work with the EZ-Guide® 500 lightbar and the EZ-Steer™ assisted steering system offering growers application, guidance and steering in one easy to use, fully-integrated system.



EZ-Guide® 500



EZ-Boom™



EZ-Steer™

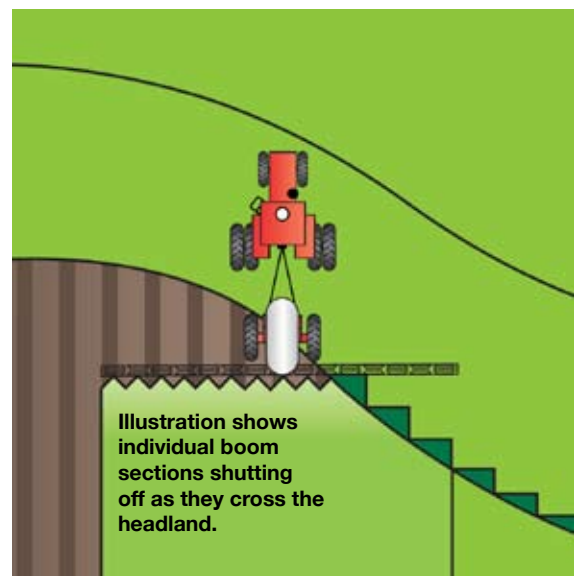


Illustration shows individual boom sections shutting off as they cross the headland.

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Required Equipment

EZ-Guide 500



The EZ-Guide 500 lightbar functions as the interface to the EZ-Boom and as a guidance system all in one. The EZ-Guide 500 features a row of 31 LEDs for guidance and a 7-inch screen for clear viewing of setup and operation. Visual confirmation of which boom sections are on or off is simple with the full-color display. The EZ-Guide 500 comes standard with an integrated dual-frequency receiver, capable of receiving WAAS/EGNOS or OmniSTAR® XP/HP providing excellent pass-to-pass accuracy.

Optional Equipment

EZ-Steer



Ag Leader's EZ-Steer does the work for you by automatically steering your vehicle through the field, allowing you to focus on other tasks such as

implement performance or boom control, while greatly reducing operator fatigue. T2™ Terrain Compensation improves accuracy on slopes and uneven terrain. Combine EZ-Steer with EZ-Boom and the EZ-Guide 500 for a affordable, easy-to-use application control system.

EZ-Guide Plus

The EZ-Guide Plus lightbar can serve as the user-interface for EZ-Boom.

EZ-Boom – Physical Characteristics

DIMENSIONS:

10.5" W x 4.5" H x 3.4" D
(266 x 115 x 87 mm)

WEIGHT:

1.89 lbs (0.855 kg)

ENCLOSURE:

CHEMICAL AND UV RESISTANT

MOUNTING:

75 mm SQUARE MOUNTING HOLE PATTERN
M6X1 THREADED INSERTS

ENVIRONMENTAL:

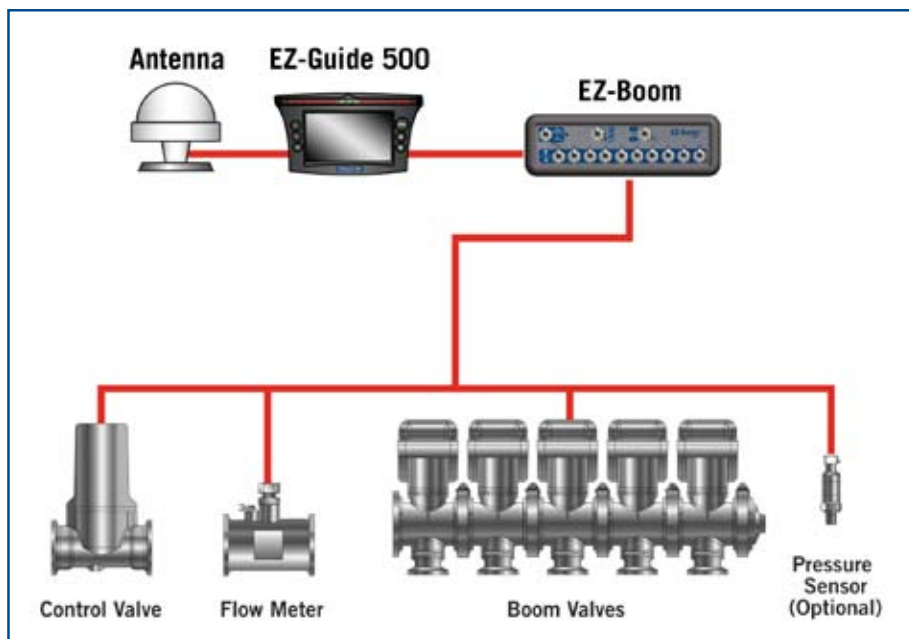
SEALED TO IP54
OPERATING TEMP: -40°C TO 85°C
STORAGE TEMP: -40°C TO 85°C

ELECTRICAL:

FULL FUNCTION RANGE: 8-18 V
ABSOLUTE RANGE: 0-28 V
REVERSE VOLTAGE PROTECTION
MEETS EP455 ELECTRICAL TRANSIENT PROTECTION

CURRENT DRAW:

PROCESSOR ONLY (NO BOOM OR SERVO LOADS): 200 mA MAX
TOTAL CURRENT LIMIT: 30A



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