

# EZ-Boom™ – Precision Application

F A C T S H E E T



## EZ-Boom™

New from Ag Leader Technology, the EZ-Boom automated boom switching 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 over application is most likely to occur. The EZ-Boom system also provides accurate rate control with Rate-1 and Rate-2 settings and the rate can be adjusted with 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. The Ag Leader EZ-Boom provides an economical approach to automatic boom section control.

## 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 harness plugs directly into the EZ-Boom.
- Works in conjunction with most Raven consoles for automatic boom section control.
- Adaptor kit available for replacing Raven 4400 & 4600 consoles.
- Valves/Flow meters supported include Raven, TeeJet, Mid-Tech, Dickey John.
- Rate-1 and Rate-2 selection switch.
- +/- switch for adjusting rate.
- Manual setting for independent valve control.
- Vehicle configuration through EZ-Guide Plus LCD screen.
- Boom status indication is displayed on the screen of the EZ-Guide Plus.
- Display pressure on the screen of the EZ-Guide Plus.
- Calculates total applied area.
- Add 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® Plus lightbar system and the EZ-Steer™ assisted steering system offering growers application, guidance and steering in one easy to use, fully integrated system.



EZ-Guide® Plus

EZ-Steer™



EZ-Boom™

## 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. EZ-Boom plugs into supported sprayer harnesses making installation simple and clean. 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 simple to install, easy to use and backed by Ag Leader's industry leading Tech Support.

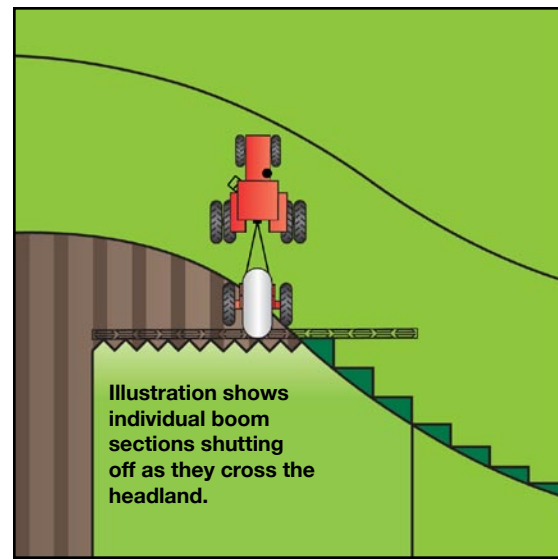


Illustration shows individual boom sections shutting off as they cross the headland.

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## Required Equipment

### EZ-Guide Plus



The EZ-Guide Plus lightbar functions as the interface to the EZ-Boom and as a guidance system all in one. The

EZ-Guide Plus features a row of easy to see LED's for guidance and an LCD screen for clear viewing of setup and operation. Visual confirmation of which boom sections are on or off is simple with the use of the LCD screen. The EZ-Guide Plus comes standard with an integrated sub-meter WAAS receiver that provides excellent pass-to-pass accuracy.

## Optional Equipment

### GPS 5100 Receiver



For added accuracy the EZ-Guide Plus can be coupled with the GPS 5100 receiver. The GPS 5100

system expands the accuracy and correction options of the EZ-Guide Plus system by allowing the use of WAAS, OmniStar XP, OmniStar HP, and RTK correction services.



### Contact Information:

Ag Leader Technology, Inc.  
2202 S. Riverside Dr., Ames IA 50010  
515-232-5363 ext. 1  
Internet: <http://www.agleader.com>  
[support@agleader.com](mailto:support@agleader.com)

## 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 lb (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 TO 18 V  
ABSOLUTE RANGE: 0 TO 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

