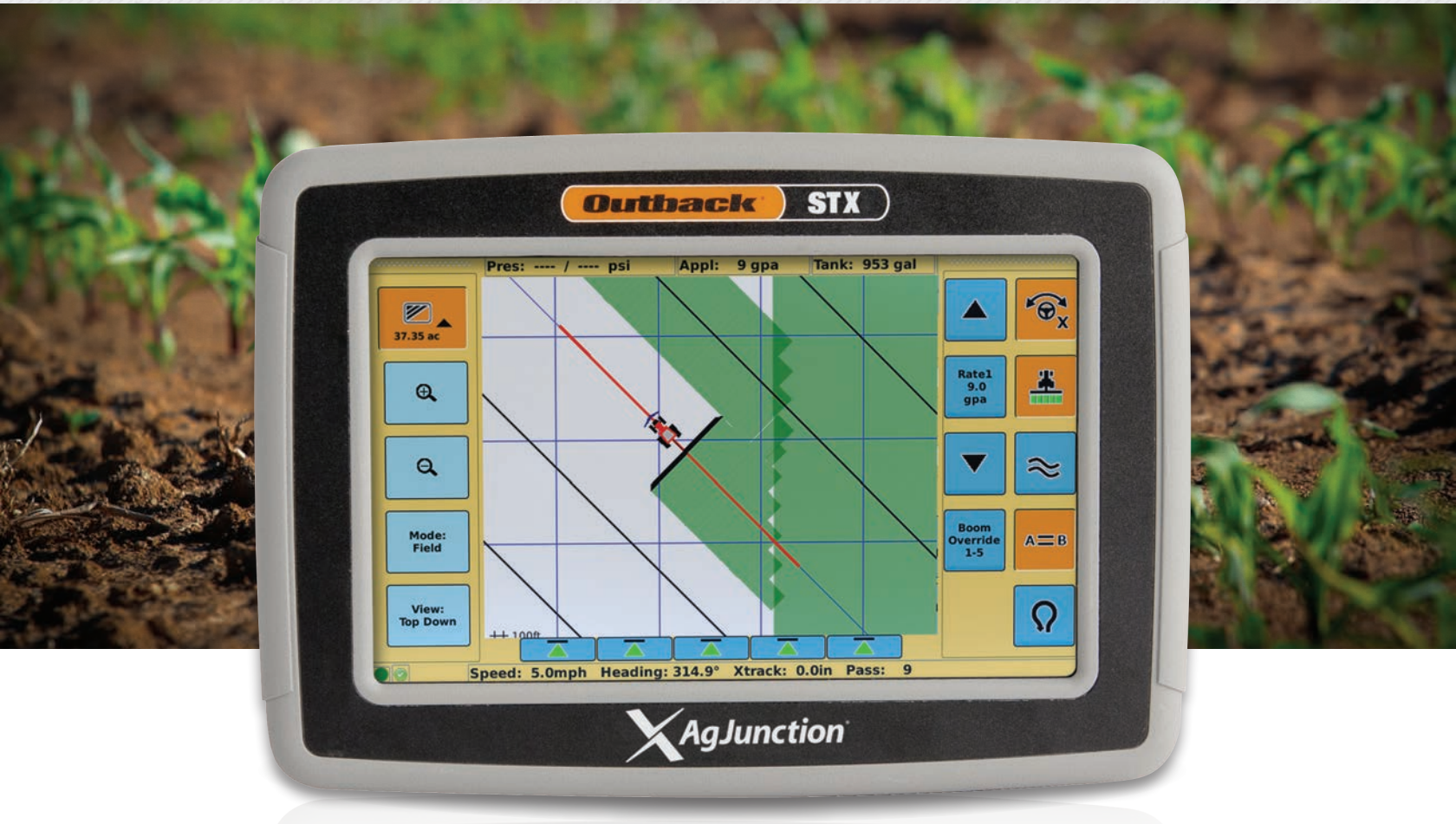
Outback GUIDANCE

STX™ Guidance System

Value based RTK Precision Farming Solution



The Outback STX™ Guidance System is the culmination of combining full RTK capability along with rate and section control in an autosteer ready, value based terminal. The Outback STX incorporates some of the industry's best innovations in a system priced below competitive terminals in this segment of the market.

The Outback STX is compatible with the full line of field proven Outback Autosteer Systems. This includes eDriveXC™ with eTurns™ automated turn solution. Single product rate and section control is available through integration with AC110, making the STX an ideal and cost-effective solution for vehicles where cab space can be limited.

The STX is RTK capable when used in conjunction with a MAX Rover and Outback RTK base stations. If the cost of an RTK-capable system has been a hurdle in the past, the Outback STX is your RTK solution.

Outback STX™ Features

- Integrated Eclipse™ P300™ GNSS receiver offering easy scalability from L1 GPS to L1/L2 GNSS
- GLONASS ready (unlock required)
- OmniSTAR option available*
- RTK correctors through a combination of the Outback MAX rover and any one of Outback's portable or fixed base stations such as A321, A221, and BaselineX
- Compatible with eDriveXC, eDriveXD, ESi, eDriveX, eDriveTC, and VSi electric steering solutions
- 7" high-resolution touch screen
- Compatible with AC110 for rate and section control

STX Precision Package

Combine the Outback STX with these field-proven units and create the ultimate precision package.

1. eDriveXC Autosteer with eTurns
2. Outback RTK base stations
3. AC110 application control

Specifications

Computer
Processor: ARM Cortex-A8 @ 800MHz
Storage: 8MB NOR, 2GB NAND, 512MB DDR3 RAM
Operating System: Linux
Display Type: 7" LCD TFT WVGA (800x480 res)

Mechanical
Case: Aluminum
Weight: 1.14 kg (2.5 lbs)
Mount: Adjustable 1" RAM Ball Mount
Screen Size: 154.4mm x 91.44mm (6.0" x 3.6")

GNSS Receiver
Receiver Type: GNSS L1 & L2 RTK with carrier phase
Signals Received: GPS & GLONASS (with subscription)
Channels: 270
Update Rate: 1 Hz standard, 10 Hz optional
L-band: Optional LX-2 board

Specifications - continued

Communication
Serial Port: RS232, DB-9
Radio Interface via Serial Port: 2x
CAN: 2x
USB: 1x 2.0 Host
Ethernet: 1x through cabling
Ground Speed Interface: 4-pin circular
Data I/O Protocol: NMEA 0183, NMEA 2000

Environmental
Operating Temp: -20C to +60C (-4F to 140F)
Storage Temp: -40C to +85C (-40F to 185F)
Enclosure IP rating: IPx4
Vibration: EP455 Mechanical vibration – Random section 5.15.1
Shock: EP455 Mechanical shock – Operational section 5.14.1

EMC
FCC part 15, Subpart B
CISPR22:2008
ISO14982

Power
Input Voltage: 9 - 36 VDC
Power Consumption: 12W
Current Consumption: 1.0 A @ 12 VDC

Antenna
A50 – GPS L1/L2/L5, GLONASS L1/L2, Beidou, SBAS, L-band DGNSS/HP/XP (OmniSTAR), Galileo E1/E5a and b

Audio
1x single frequency buzzer

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