Weatherly TECH-PAC™

TOOL	BENEFIT	STANDARD
CPU	Onboard processing	✓
9" Touchscreen Multi Functional Display (MFD)	Control the TEC-PAC from one central screen on the instrument panel	
Multi Language (English, Spanish, Portuguese)	Pilot selects preferred language	
512GB Solid State Hard Drive	Designed to withstand the rigors and vibrations of ag aircraft	
ADS-B In	NextGen technology increases pilot safety. Rotor Act (USA) compliant.	✓
Built In WiFi Connection	Controlling other devices from the MFD	✓
Real Time Background Maps	Enhanced GPS guidance for safety and precision spraying	✓
Laser Guided Altimeter	Military grade precision technology measures wheel-to-ground instantaneously	✓
Auto Dispersal, Boom Control, Valve Control	Increased spray efficiency with consistent droplet size and coverage even in changing conditions.	✓
PMAPS (Precision Mapping & Application Planning System)	Plan missions for precision applications and obstacle avoidance. Enhances pilot safety, spray accuracy, operating efficiency, and environmental stewardship.	✓
Auto Dispersal	Turns spray off/on so pilot can focus on flying and staying safe	✓
Boom Control Input with Enhanced Patterns	Increases efficiency and reduces chemical costs	✓
Dry or Wet Controller with Variable Rate	Adjusts flow rates on the fly based on GPS location, target maps, and sensor feedback	✓
Wide Wheelbase	Improves landing & handling	
Lockable Tail Wheel	Makes taxing effortless	
Extendable Wing Tips	Proprietary Weatherly wing tips create vortex in-flight to increase application efficiency	✓
Upgraded Digital Gauges	Improves accuracy of instrument panel information	
Transland Meterate	Enables pilots and ground crew to handle bulk dry & wet materials safely with precision and confidence	✓
Variable Rate Dry Controller	Part of the Variable Rate Technology (VRT) to efficiently control application of dry materials.	✓
Transland Electric Gate	Another critical component for automated application technology	✓
Flow Meter Input	Provide valuable real-time fuel usage data beyond tank level gauges to monitor engine performance and usage rates to improve efficiency and planning.	✓
External CAN (Controller Area Network)	Monitors and communicates critical performance information to analytics platforms to improve operational efficiency	✓
Top Hat Control Inputs	Allows pilots to control the automated systems from their sticks	✓
Integrated AIMMS	Active weather radar keeps pilots safe from encroaching storms and reduces lost time	✓
Five Point Harness with Air Bags	Pilot safety is our number one priority	✓
Air Conditioning	Pilot comfort reduces fatigue and risk of errors while increasing flight time and effectiveness	✓