

PHANTOM 1XR INJECTION UNIT

THE INJECTION UNIT YOU TRUST, NOW BUILT TO LAST EVEN LONGER.

The Phantom 1XR Injector takes our field-proven Phantom 1 to the next level with upgrades that directly impact your bottom line. You still get the precise, low-disturbance application you trust, but now with components designed to dramatically reduce costly downtime and expensive repairs. The Phantom 1XR isn't just an upgrade—it's a complete rethinking of injection unit reliability and return on investment.

- Lower total cost of ownership
- Extended service intervals
- Enhanced reliability
- Low soil disturbance with precise nutrient placement
- Application rates up to 15,000 GPA
- Available for dragline toolbars and liquid manure tanks
- Phantom Edge Upgrade available for 20,000+ GPA



FEATURES

BUILT TOUGH FOR THE LONG HAUL

The new Phantom 1XR features a hardened, nickel-plated floating main pin with increased diameter for superior wear resistance. Steel tension bushings provide replaceable wear components between the pin and welded parts, protecting expensive weldments. Stainless steel thrust washers prevent wear on the faces of expensive welded components, while the greaseable main arm collar extends the life of the pin and bushings. Main pin end caps secure the pin while allowing removal from either side for easier maintenance.

The Phantom 1XR features a heavy-duty U-bolt drop tube retention system that replaces failure-prone hose clamps for more reliable performance and easier hose removal.

SMART MAINTENANCE DESIGN

Phantom 1XR features a nickel-plated replaceable closure pin with increased diameter for improved wear properties. Steel tension bushings protect expensive welded parts with replaceable wear components, while the greaseable closure arm collar extends pin and bushing life. Set screw bolts prevent closure shaft rotation and reduce wear due to unwanted movement, while a redundant closure retainer bolt provides fail-safe attachment of the closure pin.

PHANTOM 2 INJECTION UNIT

OPTIONAL CLOSURE SPRING KIT UPGRADE

The Phantom 1XR Closure Spring Kit represents a complete redesign of this critical component, featuring a significantly stronger spring with an innovative swivel hook design on both ends that prevents misalignment and binding while reducing stress during operation. This engineered solution keeps the closure blade in constant contact with the ground for more consistent trench coverage, and on Tank bars, returns the closure to its working position when wings are folded and unfolded.

PHANTOM 1XR



PHANTOM EDGE UPGRADE

The Phantom Edge Injector was designed to penetrate harder ground and cut a larger trench to place larger volumes (2.5K – 20K+) of liquid manure into the ground. Built off of our proven Phantom unit, the Phantom Edge is environmentally smart while delivering versatility to high and low gallon per acre customer demands. Now available with the same durability enhancements as the Phantom 1XR, it's your powerful, all-in-one solution.

PHANTOM 1XR EDGE

