

Advanced Chemical Mixing & Drone Fill Station

PURPOSE-BUILT FOR PRECISION DRONE OPERATIONS

A next-generation chemical mixing system and fill station engineered specifically for spray drone operations. Accurate metered batches, powerful agitation, and fast turn around between flights.

AT A GLANCE

- Twin-pump system replaces traditional venturi
- Precision metered freshwater for repeatable batches
- True total-drain tank — minimal residue
- Multiple load-out options for fast drone filling
- Single-phase or three-phase power configurations
- Strategic dual filtration on water and chemical



KEY FEATURES & BENEFITS

TWIN PUMP PERFORMANCE

Dual pump system replaces venturi. Pump 1 supplies fresh water; Pump 2 drives recirculation, agitation, and powerful load-out for greater batch control.

PRECISION FRESHWATER METERING

Every drop of fresh water is metered for accurate, repeatable batch ratios. Eliminates guesswork and supports data-driven mixing.

TOTAL DRAIN TANK

True total drain polyethylene geometry. Superior agitation without swirling, fast complete rinse-out, minimal residue and waste.

LID & JUG SPLITTING KNIFE

Angled lid for easier jug positioning. New knife with integrated stainless rinse tube for unobstructed flow and complete chemical recovery.

VERSATILE LOAD-OUT + FILTRATION

High-volume 2" load-out (with 1.5" reducer) feeds ground fill, deck hose reel, or aux tanks. Strategic dual filtration on water and chemical.

FLEXIBLE POWER & DURABLE BUILD

Single-phase or three-phase configurations. Heavy-duty poly skid with forklift pockets, corrosion-resistant for long service life.

WHY CHOOSE DRONE MANAGER

- ✓ Accurate metered mixing
- ✓ Superior agitation & batch control
- ✓ Easy-access filtration
- ✓ Faster drone turn around
- ✓ Reduced operator fatigue
- ✓ Purpose-built for spray drones

IDEAL APPLICATIONS

- Agricultural spray drone operations
- Drone support trailers & fill stations
- Precision & variable-rate ag
- Custom drone application services

Contact your Polywest representative for pricing & configuration options

**mix it
move it
store it**

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