

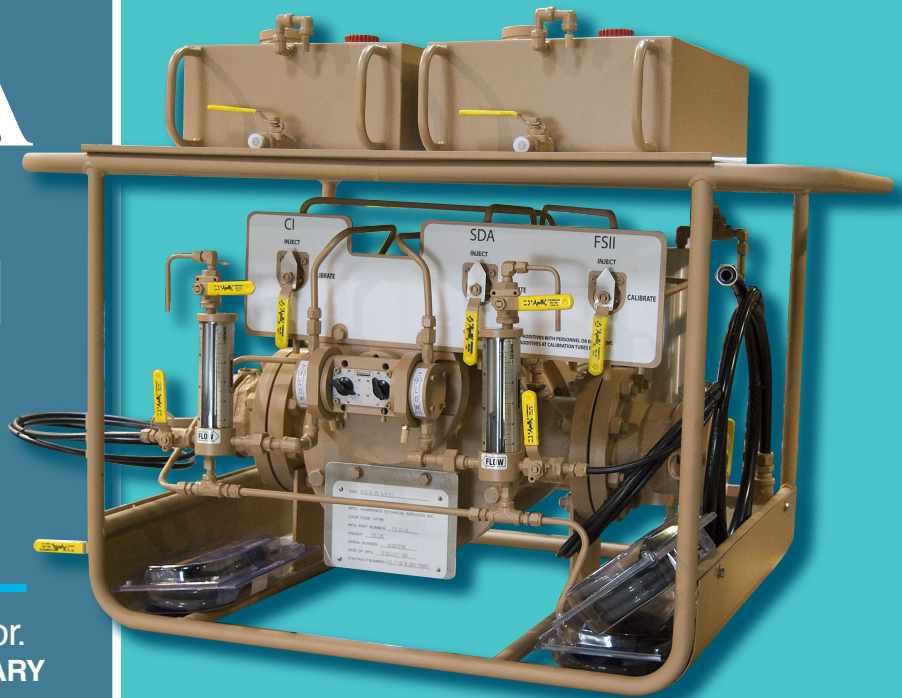
TPI4T-4A

Additive Injection Skid

Fluid
power

Flow of the Fuel powers the Injector.
NO OUTSIDE POWER SOURCE NECESSARY

Ask a Hammonds Rep about the
Commercial Applications of this unit



75-700
GPM

Utilizes Hammonds
Model 800-2L-1p7-1p7
Additive Injection System

Produces **MILITARY SPECIFICATION JP-8 jet fuel**

The 4T-4A utilizes Hammonds proven additive injection systems to **produce military specification JP-8 jet fuel** by injecting FSII, CI/LI and SDA additives into commercially available Jet A fuel. Each additive is delivered **continuously** and is **blended evenly** at ratios from 1-2500 ppm.

STANDARD FEATURES

- Proportionate to flow injection
- Model 800-2L-1P7-1P7 Additive Injection System
- Lightweight 1" round tube frame for easy portability
- 4" Cam-Lock product connections
- Proportionately blends FSII, CI and SDA to make JP-8 from commercially available Jet-A fuel (MIL-T-83133)
- 6 gallon stainless steel additive tank for CI
- 6 gallon stainless steel additive tank for SDA
- Siphon assembly and hose for remote connections of 55 gallon drum for FSII
- Combination Suction Calibration Gauges/Sight Flow Indicators for easy field calibration and adjustments
- Dry weight: 342 lbs
- Mobile cart base available as an option.

TALK ABOUT TOUGH! Designed to be deployed via **AIR DROP**

The Hammonds 4T-4A and TPI-4T-4A-1 Additive Injection Systems are designed to be deployed via military aircraft into remote and often dangerous, rough conditions. These units provide our aircraft with safe, quick and dependable additive-enhanced fuel and do so under extreme operational parameters. Like all Hammonds fluid-powered injectors, the 4T-4A requires no outside power, product meters, or control of any kind. Developed specifically for the United States Air Force, hundreds of 4T-4A tactical injectors have performed in four wars delivered countless millions of gallons of JP-8 fuel in virtually every climate and operating environment throughout the world. Better blending...unlike some concepts that inject large slugs of additive at metered intervals, the 4T-4A dispenses a precise amount of additive continuously, eliminating gaps in the blending process. Additive is injected upstream of the fluid motor which completes the mixing process.

Over 11,000 injectors sold makes you
pretty confident.

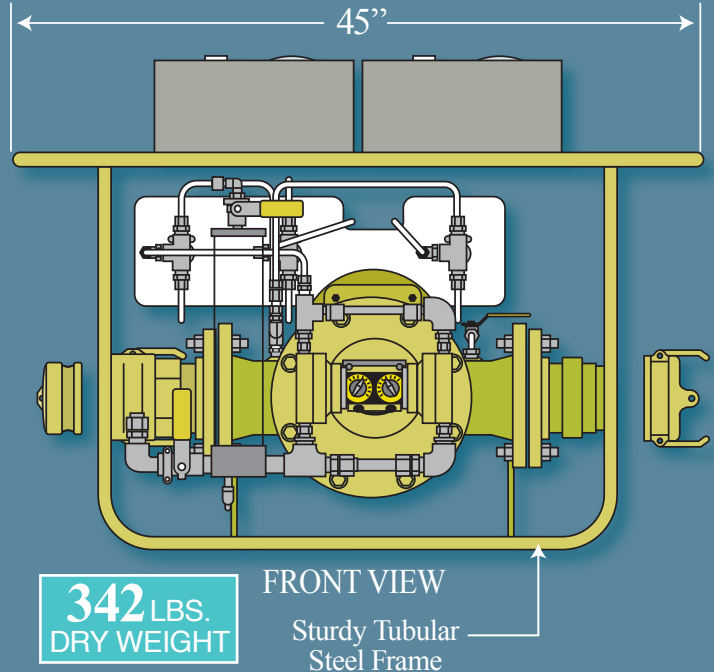


TPI4T-4A

Additive Injection Skid

Portable and
Multi-Additive Injection
—FOR—
Refineries, Military and
Industrial Applications

NO METERS • NO OUTSIDE POWER
SOURCE IS NECESSARY



CONSTRUCTION MATERIALS

- Custom product connections
 - NTT flanges
 - Victaulic connections
 - 150# RF ANSI flanges
 - Threaded companion flanges
- Additional additive injector for ratios to 1500 PPM
- MIL Specification epoxy coating
- Z Tool kits
- Spare parts kits
- BII Test Kit
- Custom frames
- Custom cover for storage

SPECIFICATIONS

- Hammonds positive displacement driver
- 3" Cam lock type inlet/outlet with covers
- Three stainless steel fluid ends
- All stainless steel manifolding
- Adjustable-while-running stroke adjustment
- Teflon® elastomers (injectors)
- Suction calibration gauges for each additive
- Suction strainer included in each Sight Flow Indicator
- Additive purge/prime system for all additives
- Heavy-duty mounting frame
- Removable cover panels
- Operating instructions on storage panel
- Instruction manual with calibration charts
- Graduated calibration bottle
- Factory loop tested at customer's conditions
- Acrylic enamel paint
- Solid skid panel for operation in sandy conditions
- Additive lines (3) poly tubing with fittings



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