



Complete,
Accurate
Additive
Blending

Single or
Multiple
Additive
Injection

200-750
GPM
flow rates

4T
Turbine
Additive
Injection
Fluid
power

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

Terminal and Hydrant Injection

The 4T Series system offers **single or multiple additive injection** at flow rates typically found in fuel delivery terminals and transport trailer fill stands. The unique **turbine-powered fluid motor** is designed to inject precisely for applications that operate with a constant flow rate. Like all Hammonds injection systems, the 4T dispenses **precise quantities** of additive at a continuous rate, eliminating the “slugging” effect typically found in meter-pulsed injectors. The additive is injected just ahead of the driver, providing complete, consistent additive blending.

- Product meters or pulsars not required
- Unique Fluid-powered Turbine injection
- Even and accurate blending
- 4” Hammonds “T” turbine drive
- All carbon steel housing
- Heavy duty gear reducer
- 200 - 750 GPM

PROPORTION to FLOW Additive Blending

As with all Hammonds Fluid-Power Injectors and Injection Systems, the flow of the fuel is the only power source that is necessary. No outside source is required. Because the injector is powered by the flow of fuel, a constant and accurate additive to fuel ratio is maintained. Faster fuel flow results in more additive being injected, and conversely, slower flow results in less additive being injected. This ensures that the correct injection to fuel rate remains in place throughout the process. In addition, the flow of fuel provides a blending of fuel to additive that is always even, accurate and thorough. Additive is never injected by “slugs” or “pulses” like some systems.

MATERIALS of CONSTRUCTION

- Carbon Steel fabrication or optional: stainless steel
- Metering Pump: All wetted parts 300 series stainless steel
- Elastomers: Aflas®, Viton®, and Teflon®; other elastomers available upon request
- Mechanical Seal: Carbon on Ceramic, optional Tungsten on Carbon



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4T

Turbine Additive Injection

Fluid power

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



**200-750
GPM**
flow rates

**Large GPM
flow rates**

STANDARD FEATURES

- 4" Hammonds turbine drive
- All carbon steel housing
- Heavy duty gear reducer
- 4" 150# R.F. ANSI flanges
- Hammonds 1S injection pump
- All stainless steel wetted parts
- Adjustable "while running" calibration abilities
- Non-blocking vent/inject diversion valve
- Teflon elastomers on injection pump
- Stainless steel check valves
- Built-in injection point with check valve up stream of turbine
- Instruction manual with calibration chart
- Graduated calibration bottle

EQUIPMENT OPTIONS

- Additive meter
- Custom flange adapters
- Remote panel
- Security covers
- Weather enclosure
- Heater
- Custom additive tanks

INNOVATION—pure and simple

To contact a Hammonds additive injection specialist, please
call (800) 582-4224.

