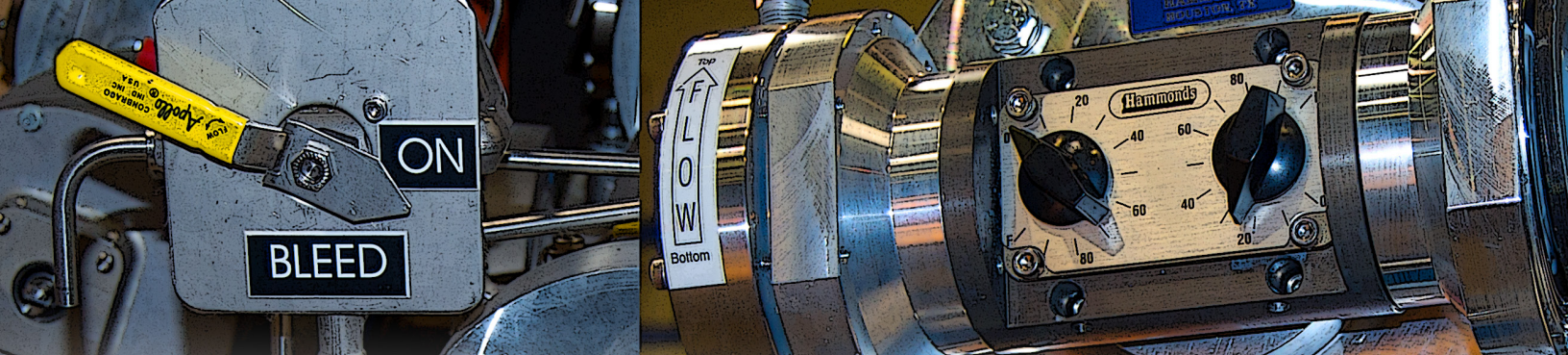




TERMINAL and PIPELINE ADDITIVE INJECTION

Fluidpower

MODEL 100 - 1100 gpm

1000

Terminal and Pipeline Injector

The flow of fuel provides all the power needed to run this unit. No outside power source is necessary for any of the fluid power units.

The **MODEL 1000** is simply a larger version of our very popular series Model 600 or 800. It meets the requirements of delivery terminals, and high-volume delivery vehicles (**100 to 1100 gallons per minute**). It offers precise and accurate blending every time.

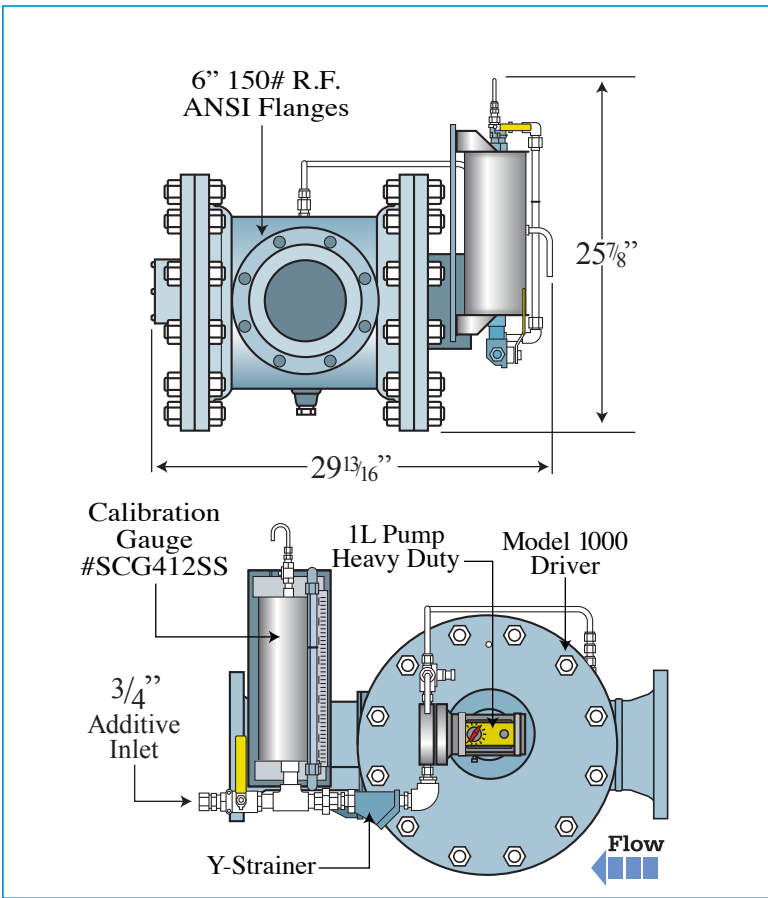
- Even and accurate blending
- No power or meter required
- Handles injection point pressure to 300 psi
- Can inject up to (4) additives at different injection ratios simultaneously
- 6" 150# RF connection standard
- 100-1100 GPM

SPECIFICATIONS

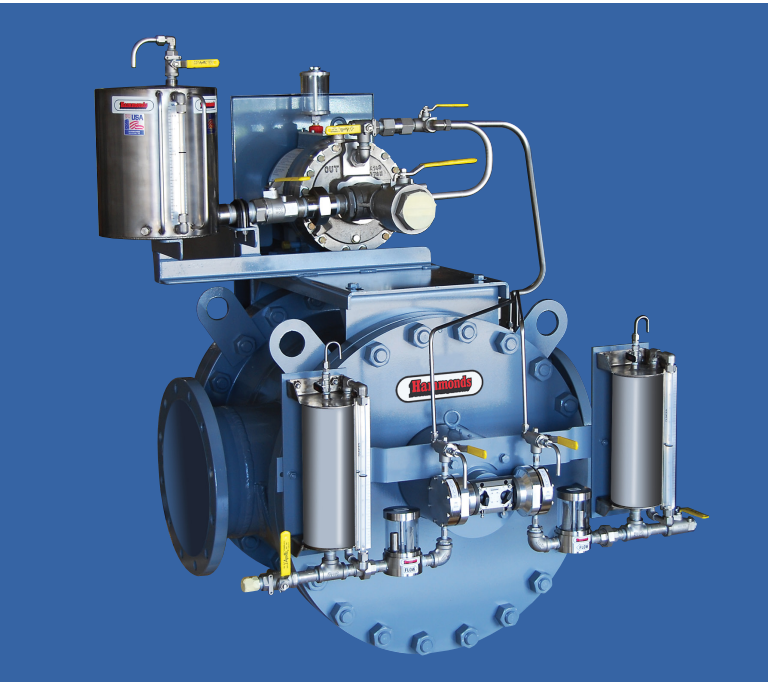
- Flooded suction required
- Number of additives: 1 standard, up to 4 optional
- 6", 150# RF flanges standard (other connections available, consult factory for details)
- Injection ratios: 0-3,000 PPM depending upon application
- 100-1100 GPM (380 - 4,100 lpm) continuous operation
- Product temperature range: -40° - +120°F (-40° - 50°C)
- Maximum product line pressure: 150 PSI Higher pressures available with upgraded, HP Housing and Seals
- Product viscosities: To 10,000 SSU
- Fuels, oils, additives and liquid gases
- Duty cycle: intermittent

CONSTRUCTION MATERIALS

- Carbon steel housing or optional: hard anodized aluminum or stainless steel
- Metering pump: All wetted parts 300 series stainless steel
- Elastomers: Aflas®, Viton® and Teflon®
- Mechanical Seal: Carbon on ceramic
- Upgrades to Hammonds "Smart" System



Model	Product Flow Range BPH/GPM	PPM Injection Range	Product Piping Size
1000	140 - 1570, 129 BPH / 100-1,100	<1 - 4,000 PPM	4" - 8"



Model 1400	Model 1600	Model 2000	Model 2400
300-1500 GPM	500-2000 GPM	600-4000 GPM	1000-8000 GPM
14" Flanges	16" Flanges	20" Flanges	24" Flanges

SPECIFICATIONS

- Flooded suction required
- Number of Additives: 1 Standard, up to 4 optional
- 8" to 20" 150# RF Flanges connection standard (other connections available, consult factory for details)
- Injection Ratios: 0-4000 ppm depending upon application
- Product Temperature Range: -40°F to 120°F (-40°C to +50°C)
- Maximum product line pressure: 150 psi. Higher pressures available with upgraded HP Housing and Seals
- Product Viscosities: up to 10,000 ssu
- Fuels, Oils, Additives and Liquid Gases
- Duty Cycle: Intermittent

Fluidpower

MODELS

1400-2400

Terminal and Pipeline Injectors

These Models can deliver up to 4 additives. They offer precision injection of additives meeting the requirements of delivery terminals, high volume delivery vehicles and refineries. As with all fluidpower units, **no outside power source is necessary**. The flow of the fuel provides all the necessary energy to run the additive injection process. As with all Hammonds systems, they can be custom-built and installed to meet the particular needs of our clients. They are a **completely self-contained unit** that offers totally unassisted injection. Product meters and pulsers are not required allowing a simple and economical installation that provides the customer with guaranteed precision blending of their additive time after time.

CONSTRUCTION MATERIALS

- 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
- Upgrade to Hammonds "Smart" Monitoring System

Over **11,000** Systems Installed
—WORLDWIDE