

# PRODUCT SELECTION GUIDE

## INDEX

Click the links below:

➔ **How to select a  
fuel transfer pump  
and accessories  
for your application**

➔ **Mobile Fueling**

➔ **Stationary Fueling**

➔ **Specialty Pumps**

➔ **Fuel & Chemical  
Metering**

➔ **Accessories**



# How to select a **fuel transfer pump and accessories** for your application

Step through the following purchase considerations when selecting a pump. Reference product packaging for pump specifications including Flowrate, Power/Voltage, and Fluid Compatibility.

## **STEP 1:** Select a Power Supply *What type of power is available?*

**No Power**  
*Manual Hand  
Pumps*

**Battery, DC**  
*Mobile Fueling  
12V / 24V*

**Electric, AC**  
*Stationary Fueling  
115V / 230V*

## **STEP 2:** Select a Flow Rate *What size tanks are transferring and receiving fuel?*

**50 to 100 Gallons** → **2 to 30 Gallons**  
Transfer Tank                      Equipment Tank

**MOBILE FUELING**

**Manual Hand Pumps** — { 10 Gal/100  
Revolutions  
20 Gal/100  
Strokes

**12V DC Pumps** — { 8 GPM  
15 GPM  
(24V options on select models)

**50 to 100+ Gallons** → **30+ Gallons**  
Transfer Tank                      Equipment Tank

**MOBILE FUELING**

**Manual Hand Pumps** — 50 Gal/100  
Strokes

**12V DC Pumps** — { 15 GPM  
18 GPM  
20 GPM  
25 GPM  
(24V options on select models)

**STATIONARY FUELING**

**50 to 300 Gallons** → **2 to 30 Gallons**  
Storage Tank                      Equipment Tank

**Manual Hand Pumps** — { 10 Gal/100  
Revolutions  
20 Gal/100  
Strokes

**115V AC Pumps** — 12 GPM  
(230V options on select models)

**STATIONARY FUELING**

**100 to 500 Gallons** → **30+ Gallons**  
Storage Tank                      Equipment Tank

**Manual Hand Pumps** — 50 Gal/100  
Strokes

**115V AC Pumps** — 20 GPM  
(230V options on select models)

**STATIONARY FUELING**

**500 to 2000+ Gallons** → **30+ Gallons**  
Storage Tank                      Equipment Tank

**115V AC Pumps** — 35 GPM  
(230V options on select models)

## STEP 3: Select a Nozzle Type

*What style of nozzle is right for your application?*

- **Diesel Fuel Automatic Shutoff** – Models ending AD
- **Diesel Fuel Manual Shutoff** – Models ending MD
- **Unleaded Gasoline Automatic Shutoff** – Models ending AU
- **Unleaded Gasoline Manual Shutoff** – Models ending MU

## STEP 4: Select Accessories

*What accessories do you need for your pump?*

### **FUEL METERS** - Measure your fuel transfer

- Attachment options
- **Inline Meter** - attached at the hose
  - **Mounted Meter** - attached at the pump
- Accuracy options
- **½%** - oval gear technology/ mechanical register
  - **2%** - nutating disc technology / mechanical register
  - **2.5%** - turbine technology / digital display

### **FUEL FILTER ADAPTERS** - Protect your equipment from dirty fuel

Select a filter adapter to fit your pump:

#### **Up to 18 GPM**

- **¾" NPT Port Threads with 1-12" UNF Filter Threads**

#### **Up to 25 GPM**

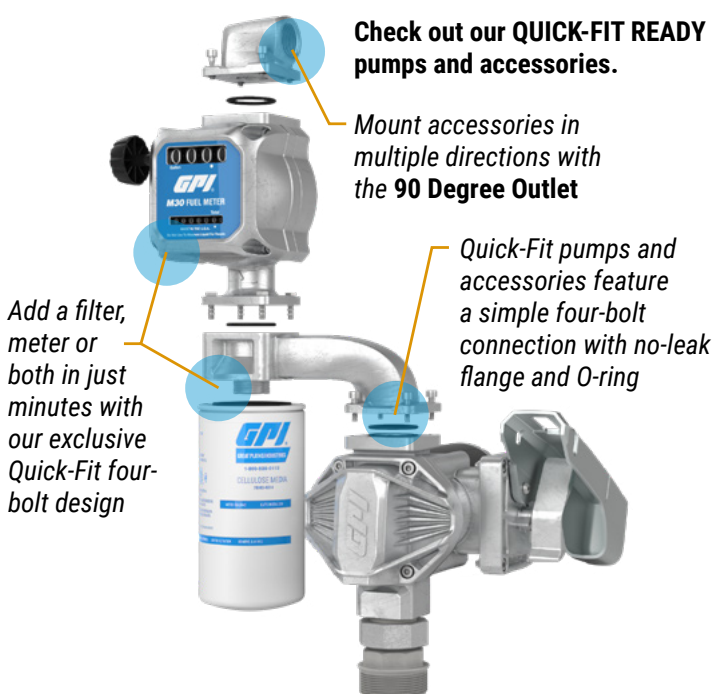
- **1" NPT Port Threads with 1-12" UNF Filter Threads**
- **Quick-Fit Modular Filter Adapter with 1¾" UNF Filter Threads**

#### **Up to 25 GPM**

- **1" NPT Port Threads with 1-12" UNF Filter Threads**

### **FUEL FILTERS**

Choose a filter element that fits the threads of the adapter you have selected. Filters are available for Particulate Only or Water & Particulate filtering.



## STEP 4: Select Accessories

*continued*

### HOSE SWIVELS

Swivel options Available in fitting sizes of  $\frac{3}{4}$ " or 1" NPT. Swivels attached between the fuel hose and nozzle, providing 360 spherical rotation. Match a swivel to your fuel hose diameter.

### **Other Accessories**

#### PRESSURE VENT CAP

Every fuel transfer tank requires a vent to relieve pressure and allow air to enter the tank while dispensing fuel from the tank. GPI Pressure Vent Caps are the perfect solution.

#### SUCTION PIPE

GPI Adjustable suction pipes provide the best seal technology on the market. COMPATIBLE with 1 inch inlet GPI Pumps for use with gasoline, E15, diesel, biodiesel, kerosene and motor oils.



## USING THIS PRODUCT GUIDE

This guide identifies GPI and GPRO products suitable for various fluid transfer applications. Use the index to find your application or category and discover the product options available to you.

**Back to  
INDEX**

# MOBILE FUELING

## Bring fuel to your equipment.

GPI and GPRO mobile fuel transfer pumps are made for easy fueling on the go. Not only do these pumps offer a sleek, modern design that looks great on your truck's mobile tank, but they are built to last! Some customers claim the pumps actually outlast their trucks!

## 12V & 24V DC Powered Pumps

*With features that give you more total value\**

### Quick-Fit Modular design

– add a filter, meter or both in just minutes with our exclusive Quick-Fit four-bolt design

### Lockable nozzle holders

– deter theft

**Powder-coated motor can, aluminum body**  
– corrosion resistant

**Spin Collar option**  
– easy installation



- **Lightweight designs**  
– less stress on small tanks and barrels
- **Rotary Gear design** – few moving parts, less wear on components
- **Strainer & poppet access** – easy maintenance
- **Factory installed power cords**  
– saves installation time
- **Professional Grade series** – GPRO modular vane pumps deliver consistent high-pressure performance
- **Extreme Temperature Models** – keep fueling in cold conditions

*\*See pump models for inclusion of specific design features.*





**"Have had several  
and all have been  
great, they outlive  
the trucks they are  
installed on."**

*- Online Product Review*



## SELECT THE RIGHT PUMP

To make the best selection, consider the size of transfer tank your pump will be mounted on and then take into account the size of tank for the equipment you'll be refueling.

**50 to 100  
Gallons**

Transfer Tank



**2 to 30  
Gallons**

Equipment Tank

**Manual Hand  
Pumps** — 10 Gal / 100 Revolutions  
20 Gal / 100 Strokes

**12V DC Pumps** — 8 GPM  
15 GPM

*(24V options on select models)*

**50 to 100+  
Gallons**

Transfer Tank



**30+  
Gallons**

Equipment Tank

**Manual Hand  
Pumps** — 50 Gal / 100  
Strokes

**12V DC Pumps** — 15 GPM  
18 GPM  
20 GPM  
25 GPM  
*(24V options on  
select models)*

## USING THIS PRODUCT GUIDE

This guide identifies GPI and GPRO products suitable for various fluid transfer applications. Use the index to find your application or category and discover the product options available to you.

**Back to  
INDEX**

# STATIONARY FUELING

## Bring equipment to your fueling tank.

GPI and GPRO stationary fuel transfer pumps are designed for the demands of on-site fueling. Pumps are offered in a range of models and GPMs to fit your business or personal use – some of us like to keep our weekend fun-fueled, too!

## 115V AC Powered Pumps

### *Rotary Gear and Modular Vane Pump Designs*



**Low-profile design**  
easily pairs with  
tank footprint  
(12 GPM)

**GPRO modular  
vane pump  
with Quick-Fit  
ready design  
(20 GPM)**



- **Lightweight Rotary Gear Pumps:** Powder-coated motor and aluminum body provides corrosion resistance. Spin collar for easy, versatile mounting.



- **Modular Vane Pumps:** Heavy-duty cast iron body, suitable for fueling large equipment. High pressure performance is suitable for hose reel fueling.



- **Modular Vane Pumps:** Quick-Fit ready means you can easily add a filter and/or meter. Design eliminates leaks. See Meters tab for accuracy specifications.

**"Installed easily and works flawlessly."**

- Online Product Review



## **SELECT THE RIGHT PUMP**

To make the best selection, consider the size of storage tank your pump will be mounted on and then take into account the size of tank for the equipment you'll be refueling.

**50 to 300**

**Gallons**

Storage Tank



**2 to 30**

**Gallons**

Equipment Tank

**Manual Hand Pumps**



10 Gal / 100  
Revolutions  
20 Gal / 100  
Strokes

**115V AC Pumps — 12 GPM**  
(230V options on select models)

**100 to 500**  
**Gallons**

Storage Tank



**30+**  
**Gallons**

Equipment Tank

**Manual Hand Pumps**



50 Gal / 100  
Strokes

**115V AC Pumps — 20 GPM**  
(230V options on select models)

**500 to 2000+**  
**Gallons**

Storage Tank



**30+**  
**Gallons**

Equipment Tank

**115V AC Pumps — 35 GPM**  
(230V options on select models)

## **USING THIS PRODUCT GUIDE**

This guide identifies GPI and GPRO products suitable for various fluid transfer applications. Use the index to find your application or category and discover the product options available to you.

**Back to  
INDEX**



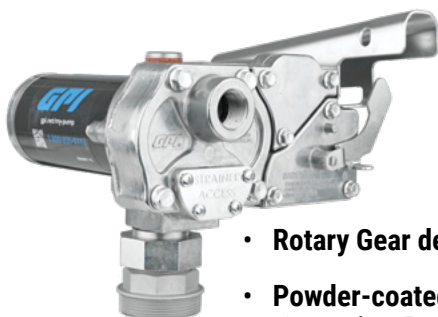
# SPECIALTY PUMPS

## Methanol, Oils & Oil-Based Solvents, Chemicals, Hand Pumps

GPI knows you move more than fuel and has designed pumps to handle specialty fluids. We've got you covered, whether it's oil, antifreeze, methanol, hydraulic fluids, or AG chemicals. Check the fluid compatibility label on each product box or within the website product details.

We also realize that some applications prohibit customers from running power to their pump. No power? No problem! Check out our variety of manual, hand pumps.

## Methanol Transfer Pumps



- **Rotary Gear design**
- **Powder-coated motor can, Corrosion-Resistant Nickel plated aluminum body**
- *12V DC and 115V AC models available*

## Oil and Oil-Based Solvents Transfer Pumps\*

### *Mobile and Stationary Transfer Solutions*

*Lightweight 12V DC and 115V AC models available*



- **Rotary Gear design – fewer moving parts**

*\*Oil, up to 30W; Thin to medium viscosity petroleum fluids, up to 450 cp; Anti-Freeze; Non-flammable oil-based solvents*

*Heavy duty 12V DC and 115V AC models available*



- **Gerotor design – low noise, low vibration**

*\*Oil, up to 90W; Hydraulic Fluid; Anti-Freeze*

*\*Check the fluid compatibility labeled on each box*

***"Our efficiency has improved... This pump only requires that we pay attention to when the tanks are empty... drain time is less than 10 minutes."***

*- Online Product Review*



## Water, Chemical, Petro and Oil Based Fluid Transfer Pump

- **Piston design** –delivering one pint per stroke
- *Mounts easily on tanks or barrels with 2 in. NPT threads*
- *Includes 36 in. adjustable suction pipe*

*\*Anti-Freeze, Water, AG Chemicals, Petroleum-based Products*



## Manual Hand Pumps

- **Piston design** – check models for standard (single) or Dual-Flo (two flow rate settings)
- *Pumps manufactured from 1 pint per stroke up to 50 gallons per 100 strokes performance options*
- **Rotary action** – 8 gallons per 100 revolutions or 10 gallons per 100 revolutions
- **Diaphragm** – 20 gallons per 100 stroke performance



*\*Check the fluid compatibility labeled on each box*

## USING THIS PRODUCT GUIDE

This guide identifies GPI and GPRO products suitable for various fluid transfer applications. Use the index to find your application or category and discover the product options available to you.

**Back to  
INDEX**

# FUEL & CHEMICAL METERING

## Mechanical and Digital Display Meters

GPI and GPRO meters are designed for reliable, consistent measuring of fluid flow. Select a meter to match your GPM range. Mounted and inline designs suit your pump footprint. Offered in varying technologies including nutating disc, oval gear, and turbine, each meter has superior design quality.

### Mounted Fuel Meters

**Mounted to pump, nutating disc with +/- 2% accuracy**

## 5-30 GPM



- Magnetic drive eliminates drive shaft leaks
- Easy-to-read four-digit display and rotatable register



- Quick-Fit modular mounting, easily attaches to fuel transfer pump



**Mounted to pump, oval gear with +/- 1/2% accuracy**

## 2-40 GPM

- Magnetic drive eliminates drive shaft leaks



- Easy-to-read four-digit display and rotatable register
- Quick-Fit modular mounting, easily attaches to fuel transfer pump

**"Use this on a 100 gallon fuel tank, have no issues or leaks."**

- Online Product Review



## Inline Fuel Meters

**Mounted at hose, turbine with +/- 2.5% accuracy**



### 3-30 GPM

- Digital display
- Rubber bumper protects meter from damage
- Compact and light-weight at just 12 oz.



## Chemical Meters

Water, DEF (Diesel Exhaust Fluid), Motor Oil, and Mild Chemicals. **Not for use with flammable liquids.**

**Mounts to pump or end of hose, on a fluid transfer system**

### 2-20 GPM

- Nutating disc with +/- 2% accuracy
- Electronic display keeps batch and cumulative totals



## USING THIS PRODUCT GUIDE

This guide identifies GPI and GPRO products suitable for various fluid transfer applications. Use the index to find your application or category and discover the product options available to you.

**Back to  
INDEX**



# ACCESSORIES

## FOR FLUID TRANSFER

### Nozzles, Filters, and Accessories

GPI nozzles, filters, and accessories help keep your operations running strong. While we offer several fuel transfer kit / accessory combos, we know that some customers prefer to build their own systems, or just need to replace components from time to time. Either way, we've got you covered!

## Nozzles

### *Automatic Shut-Off*

Easy one-finger hold-open clip allows you to set the flow rate for automatic dispensing while reducing fuel spillage.

#### UNLEADED



#### DIESEL



*Sturdy corrosion and tarnish resistant aluminum construction.*

### *Manual Shut-Off*

Endurance surface minimizes friction which allows the components to glide through each squeeze of the trigger.

#### UNLEADED



#### DIESEL



*Limited Lifetime Warranty*

## Hose Swivels

Multi-plane hose swivel attaches between a fuel hose and nozzle, providing 360 spherical rotation.



- *Prevents hose twisting and kinking*
- *Double fluorocarbon O-rings at each swivel prolong life and ensure performance up to -40°F*



# **GPI** AD Nozzle

***"This is a super heavy duty automatic nozzle ... it never fails to perform or work as expected."***

- Online Product Review



## Filters and Adapter Kits



***10 micron nominal filtration removes rust, dirt, and dust.***

- *Spin-on makes filter changes easy*

### ***Filter Adapter Installation Kits***



***Quick Fit modular replacement filter or adapter kit***



## Accessories

### ***Battery Clamp Kits***



### ***Pressure Vent Cap Assembly***



### ***Power Cord for 12V Fuel Transfer Pumps***



## USING THIS PRODUCT GUIDE

This guide identifies GPI and GPRO products suitable for various fluid transfer applications. Use the index to find your application or category and discover the product options available to you.

**Back to  
INDEX**



Great Plains Industries proudly manufactures GPI and GPRO products to serve fuel, agriculture, chemical, construction, mining, oil and gas, and other core markets. GPI is a brand with a strong legacy of fuel, oil, and chemical transfer pumps and meters. GPRO is a brand of fuel transfer pumps and meters made exclusively for commercial applications that demand a more robust, professional grade design.

GPI and GPRO products are engineered and assembled at Great Plains Industries in Wichita, KS, USA.

## HELPFUL PRODUCT VIDEOS

View installation, maintenance, and trouble-shooting videos.



- Product Install Videos
- Maintenance Videos

## TROUBLESHOOTING GUIDE

Guide walks your customers through gear pump and vane pump trouble-shooting to get them up and running.



## TECHNICAL SPECIALISTS

Speak to a specialist for help selecting the right product or parts, installation and troubleshooting questions or to request a quote for non-stock items.



[Support-Pumps@gplains.com](mailto:Support-Pumps@gplains.com)

## LIVE SUPPORT

8 a.m. - 5 p.m. CST (2 p.m. - 10 p.m. GMT)  
Monday - Friday



800-835-0113



**GREAT PLAINS INDUSTRIES**



**Back to INDEX**