

Offers practicality
and technology
for your service station



And an innovative
Design.

Prime MH

Low House Eletronic Fuel Pump • Retail Use

The Prime MH pumps offer high performance, durability, state-of-art technology and features that make the difference in handling and fueling controlling.

This pump combines the electronics benefits of high hose pumps which enable technology upgrades with the hydraulics benefits of low hose pumps.

Its electronics were developed with cutting-edge technology and the pump is prepared for several upgrades and optional accessories, such as multimedia monitors and fiscal printers.

These pumps are equipped with 1, 2 or 4 nozzles with flow rates of 50, 75 or 90 lpm. The 4 nozzle model is also available for the 4 simultaneous fueling version.

Certified by UL Brazil and approved by Inmetro, PRIME FUEL PUMP SERIES is assembled with international quality components and is subject to strict testing requirements that guarantee a perfect operation. Prime Fuel Pumps also provide low operational costs and maintenance due to their highly resistant outer structure which will deliver a long-term service. Another advantage of this system is the easy access to electrical and hydraulic components, which simplifies maintenance and reduces downtime. Check it!

Technology with a human touch.

Main features of the Prime MH Fuel Pump

Electronics

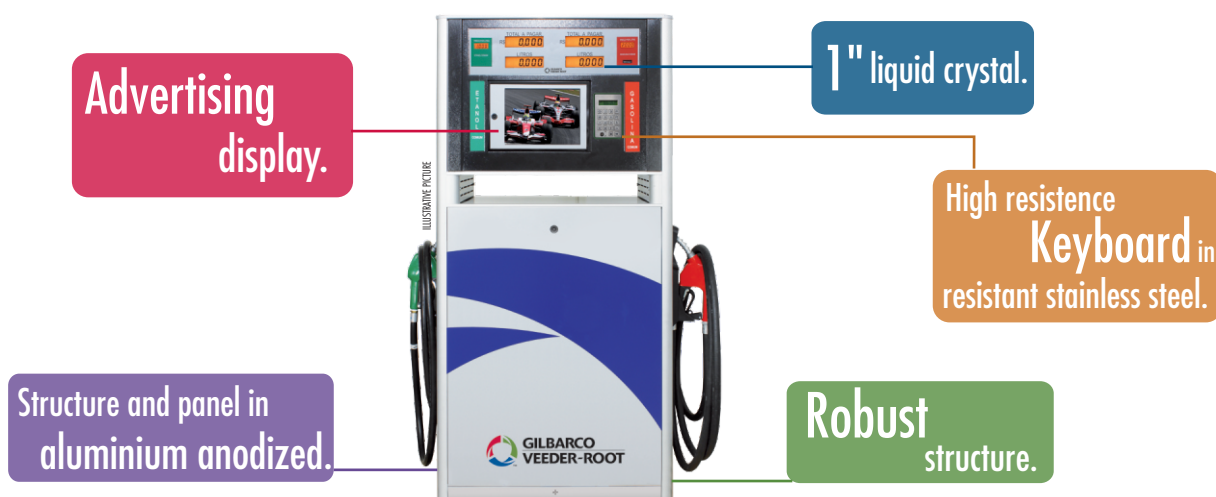
- > State of the art computer with integrated CPU and interface.
- > CPU capable of managing 6 communication channels. Standard current loop for automation included and RS-485 is optional. Other communication options for peripherals available.
- > Recording of the last 54 fillups.
- > Recording, with date, of the last 54 adjustments (electronic calibration).
- > Recording of the electronic totals and period totals in terms of amounts and liters.
- > Various messages concerning operational errors displayed on the Price Per Liter (PPL) display.
- > Flow rate displayed on the Liter window.
- > Internal clock with a 10 year lifetime.
- > Contains 2 totalizers: one electronic and one electromagnetic for each nozzle of product for double checking.
- > 1" liquid crystal display for increased visibility of readouts.
- > Keyboard in resistant stainless steel with 18 keys and double function selection key for management programming or preset operations. Alphanumeric display on the PPL window indicates programming functions and error messages.
- > Advertising Display (optional accessory).

Hydraulics

- > Compact ST-UBE model gear pump (monoblock) with built-in air elimination valve. Contains 2 resistant stainless steel mesh filters and 2 chambers for separating air and gases, providing steady pumping and accurate measurement of fuel flow.
- > Mechanically calibrated Gilbarco C+ brand measuring block, 4-piston positive displacement design with resistant stainless steel bushings to increase block durability.
- > High precision solenoid valve for preset operations.
- > Motor designed for continuous operation (ventilated location).
- > Improved hydraulics: reduced number of electrical connections and wires.

Cabinet

- > Cabinet and side panels fabricated from extremely durable anodized aluminum. This durability is crucial for coastal areas where corrosion from sea mist is a serious risk.
- > Strong and sturdy, with no welding points to reduce corrosion, and rounded corners, providing longer life to the hoses.
- > Powder-coated finish reduces risk of defects in the paint and provides outstanding appearance and toughness.



Models

Flow Rate	Models	Type	# Of Products	# Of Hoses	# Of Simultaneous Fueling	Gross Weight (kg)	Net Weight (kg)
50 lpm	PMH-1120-Plus	Single	1	1	-	179	162
	PMH-1220-Plus	Dual • side nozzles	1	2	2	210	178
	PMH-1221-Plus	Dual • front nozzle	1	2	2	210	178
	PMH-2220-Plus	Double	2	2	2	245	213
	PMH-2421-Plus	Quadruple	2	4	2	273	241
	PMH-2422-Plus-Quattro	Quadruple	2	4	4	273	241
75 lpm / 90 lpm	PMH-1120-HG-Plus	Single	1	1	-	179	162
	PMH-2220-HG-Plus	Double	2	2	2	245	213

HG = Medium Flow, AV = High Flow | Fuel Pumps Dimensions: 1,72 x 0,82 x 0,50 | Package Dimensions: 1,95 x 1,14 x 0,74 | Dimensions: H x W x D, in meters.

Gilbarco Veeder-Root reserves the right to change one or more specifications of its fuel pumps with no prior notice whenever improvements are made. Be sure to check the current product specification at the time of purchase.

The success of your business must be supported by solutions and technology at your fingertips. You need a partner. Someone who listens to you. Someone who can meet your needs, your customers' needs, and your financial needs. We have all the products and services you are looking for. Count on us to help you and provide any further information.

