



## STATIONS REVENUE GUARANTEE

Your stations revenue is up to your fuel pumps security. Strong, sensitive and fast service opportunities are your stations revenue guarantee.

MEPSAN fuel pumps with its quality and area tests, provides your station and you, strong and safe fuel pumps. High performance and intelligent meters minimizes the leakage in the integrated pulsar. With the electronic calibration it provides high sensitivity and exact validity.

With its modular electronic design it provides an excellent pump management. It can also safely transfer any numeric info.

- Intelligent meter
- ATEX approval
- Tracked Pump
- Ex-Proof
- Electronic calibration
- Proportional valve
- Kaplin connected motor
- Modular electronic design

**Custom design and production according to the area needs and corporate differences**

With the order of the client MEPSAN fuel pumps, gets into production stage and is delivered according to the client's business plan. All desired dimensions and features are installed in a single fuel pump type. Keeping the same design and technical features you could choose to install up to 5 products on the same pump.

- Suction and Submersible system
- Corporate identity and features production

## Intelligent Meter Technology

MEPSAN Fuel Pumps work differently from traditional pulsar systems. MEPSAN R&D has developed the safest "intelligent meter" measurement system.

Intelligent meter system, the double corridor affect of meter number of rounds- measured with hall effects sensor and the micro processor inside. It converts the number of rounds to liter information. After the liter information sent to CPU, to check the calculation, the message-end control is applied. For this reason this is the safest communication method.

high  
performance,  
sensitive  
sale

## FEATURES OF THE FUEL PUMPS



### INTELLIGENT METER

The advantages of intelligent meter compared to traditional pulsars:

- Provides accurate measurement
- In high outputs (even for 250lt/min) measurement accuracy does not fall.
- "Intelligent meters" connect to the CPU with single wire and prevents cable chaos.
- Electronic calibration information is hidden on every intelligent meters micro management and sensitively measures calibration with 0.1% co-efficient. Because of the intelligent meter technology, your customers get the best buy. Also it prevents your inventory shortage.
- Because the CPU does not do the pulse-counting and calibration, the communication with the automation is easier and occurs without any problem.
- In intelligent meter, CPU is able to show what kind a malfunction has occurred. So it can also do malfunction control and determination.



### NEW POWER SUPPLY -CPU -I/O UNITS

In order for the operations to be done easily all electronic units have been placed in different sections.

New Power supply; without being affected of any electric wave or cut that could occur in CPU or other electronic units, it keeps the sales information safely and regulates the wave between 85-250V.

New CPU, could control two sales at the same time and could seamlessly communicate with automation systems by RS 485 protocol.

New I/O units; I/O units task, to manage submersible pump, control solenoid valves and read the switches. For every product, MEPSAN R&D has envisaged the new I/O units with different designs. Because of this it prevents the dispenser to be out of service in any malfunction that could occur.

## FINANCIAL CONTRIBUTIONS AND BENEFITS

Fuel pumps can not be evaluated as ordinary pumps only. Fuel pumps are investment, revenue sources moreover a marketing element for the forecourt. Selected fuel pump lives with the station.

MEPSAN fuel pumps, minimizes the cost of ownership and keeps the sales at a maximum level. Because of these features, MEPSAN is the most preferred pump in the sector.

- Practical solutions for the needed dimensions
- Wide voltage and frequency gap
- Suitable for automation systems
- Suitable with integrated or external cash registers

## DURABLE AND STRONG

Hardest forecourt conditions have been considered in producing MEPSAN fuel pumps. With its aluminum case, you could use it for years. The outer aluminum case could be cleaned easily, strong to hardware, corrosion and rot.

- Electrostatic powder point
- 3 mm chassis
- 1.20 mm body
- Steel draft inside pipe

The meters, hydraulic and electronic units provide you a seamless work environment in the fuel pumps that we use. For many years it will be your stations safety.

The meters that are being used in our country are the only and single meter that works with electronic calibration. This provides our clients with a sensitive and accurate measurement.



TECHNICAL FEATURES	H Type	L Type
Capacity 50 lt./min.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Intelligent Meter	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10 Digit Screen	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7 Digit Totalizer	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10 Digit Digital Totalizer	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Proportional Valve	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3/4" Nozzle	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1" Nozzle	<input type="checkbox"/>	<input type="checkbox"/>
4 meter hose	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
380 V Ex-proof Motor	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
High flow: 90-120 lt./min.	<input type="checkbox"/>	<input type="checkbox"/>
Vapour Recovery	<input type="checkbox"/>	<input type="checkbox"/>
Automation Preparation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Compatibility with cash register	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Optional  Standard

\*For more technical information you could visit [www.mepsan.com.tr](http://www.mepsan.com.tr)

## MODELS

	H Type		L Type	
	Suction - Dispenser	Suction - Dispenser	Suction - Dispenser	Suction - Dispenser
111	*	*	*	*
122	*	*	*	*
222	*	*	*	*
242	*	*	*	*
244	*	*	-	*
362	*	*	*	*
482	*	*	*	*
484	*	*	-	*
5102	-	*	-	*
5104	-	*	-	*



## DO YOU KNOW?

You could interfere at any detail in Big Bang Series Fuel Pumps and customize the way you would like to. Big Bang series is a boutique product. With Big Bang series you imagine, we produce

Mepsan has the right to change all the technical features without giving any notice.