

## Small Yet Efficient



**M-6200 is designed for customers requiring a small footprint, easy to use fuel dispenser, providing however all features needed in the contemporary fuel retail sector. With robust construction and low maintenance costs, M-6200 has proven its reliability in more than 30 countries around the world.**

**M-6200 Series provides:**

1. High accuracy Flow Meter eliminates loss of product.
2. State-of-the-art Electronics
3. Robust Construction
4. Visual Standards according to customer's needs
5. Low total life cycle cost
6. Efficient long standing support on genuine Spare Parts
7. Fast deliveries
8. Extended Warranty

# M-6200 SERIES

---

## Design features



### INFRASTRUCTURE

**European Union Manufacturer, constantly investing in new technologies and equipment.**

- Production facilities housed in an industrial building of 3500m<sup>2</sup>. To comply with the up-to-date technological market requirements the production is equipped with state-of-the-art equipment such as punching machines [CNC], testing facilities, underground fuel depots and ERP software modules.
- Production facilities certified according to ATEX 2014/34/EU and MID 2014/32/EU Directives.



### HOUSING

**Ensures extended life-span and modern aesthetics.**

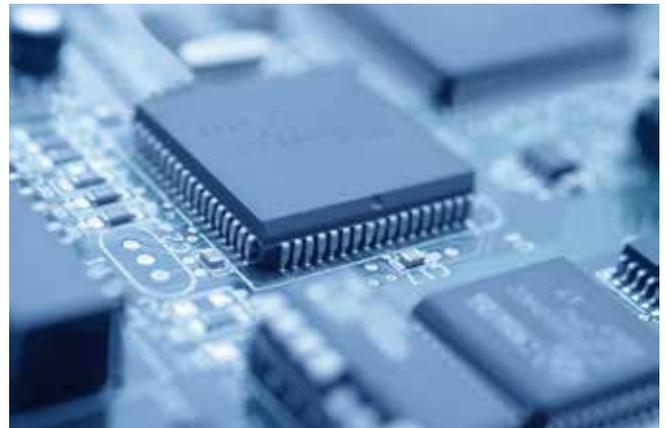
- Galvanized Steel Metal Panels, powder coating paint for excellent appearance, maximum protection and long life.
- Durable construction suitable for harsh environmental conditions.
- Stainless Steel Metal Panels (optionally)



### HYDRAULICS

**Proven accuracy and reliability are the core values of our Fuel Dispensers.**

- High quality hydraulic components designed for Easy Installation, Simplicity on Operation and Minimum Maintenance Requirements.
- Flow Meter and Pumping Unit certified according to MID 2014/32/EU Directive, ensuring highest accuracy.



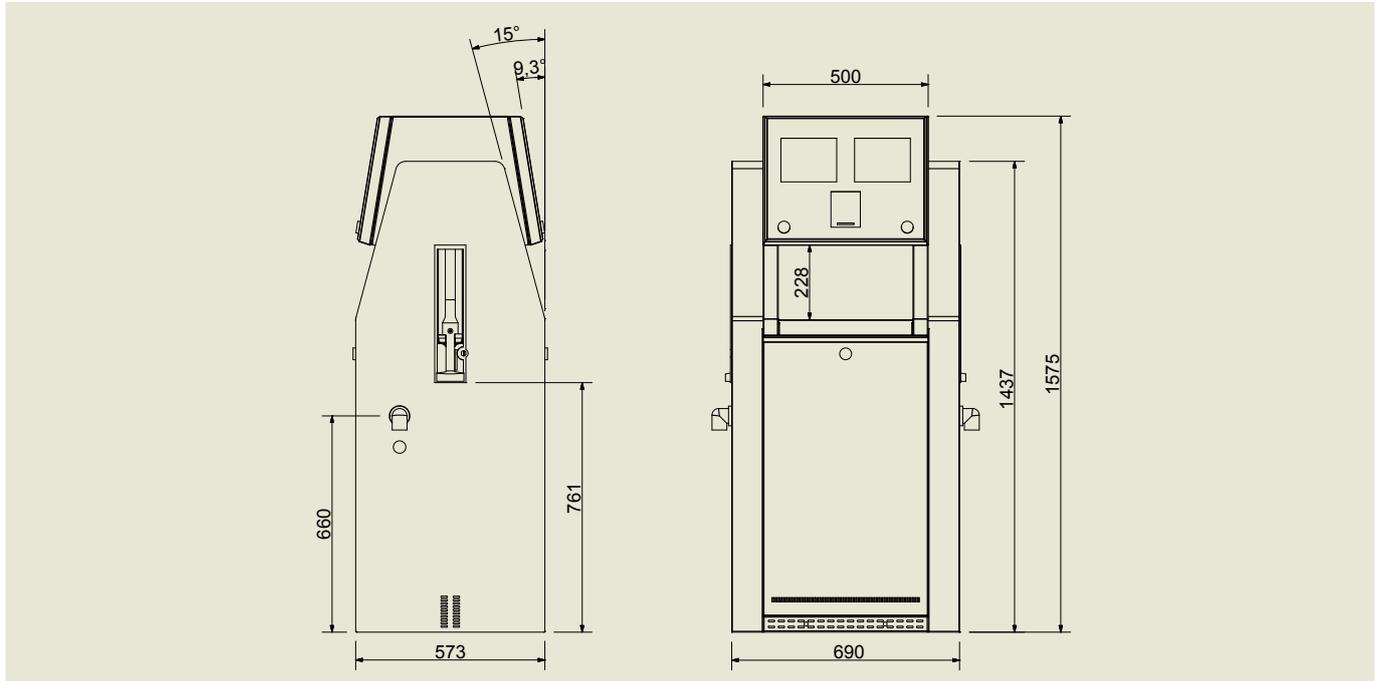
### ELECTRONICS

**The brain of our Fuel Dispensers, providing ultimate security and safety.**

- R&D Electronics Dept. manned with certified engineers, offering tailor made solutions
- Electronics according to latest technology, password protected, MID certified.
- Built in diagnostics with error codes indications in LCD Backlight Displays (1 1/4" digit size)
- IFSF Communication Protocol.

# M-6200 SERIES

## Technical Specs



RETAIL FUEL DISPENSER  
SUCTION TYPE OR PRESSURE TYPE  
SINGLE OR DUAL HOSE – SINGLE OR DUAL PRODUCT  
**FLOW RATE: 40 / 80 / 120 / 160 lpm**

### Flow Meter

Positive displacement meter, corrosion proof, composed of materials with long-life and long-wear characteristic.  
Measuring accuracy within:  $\pm 0.2\%$ .  
Cylinder cover adjustment device provides easy field calibration.  
Micro exterior adjustment.  
Min. Flow rate: 5 lpm  
Max. Flow rate: 90 lpm  
Minimum adjustable quantity: 0.025%.  
Delivery capacity per revolution: 0.5L  
Repeatable Tolerance:  $\pm 0.1\%$   
Applicable with unleaded gasoline 15%-20% MTBE / Gas Oil / kerosene.  
MID Certification

### Suction Pump

Sliding vane type (Optionally Gear Type)  
Suction head 4 meters.  
With air eliminator, micro filtration, adjustable by-pass valve and control valve.  
Belt driven pumping unit.  
Min. Flow rate: 5 lpm  
Max. Flow rate: 90 lpm  
MID Certification

### Electronics

Atmel AVR Risc-Processor  
Accuracy class: 0.5  
Electromagnetic environment class: E1  
Automatic Temperature Compensation  
Self diagnostics  
MID Certification

### Hose

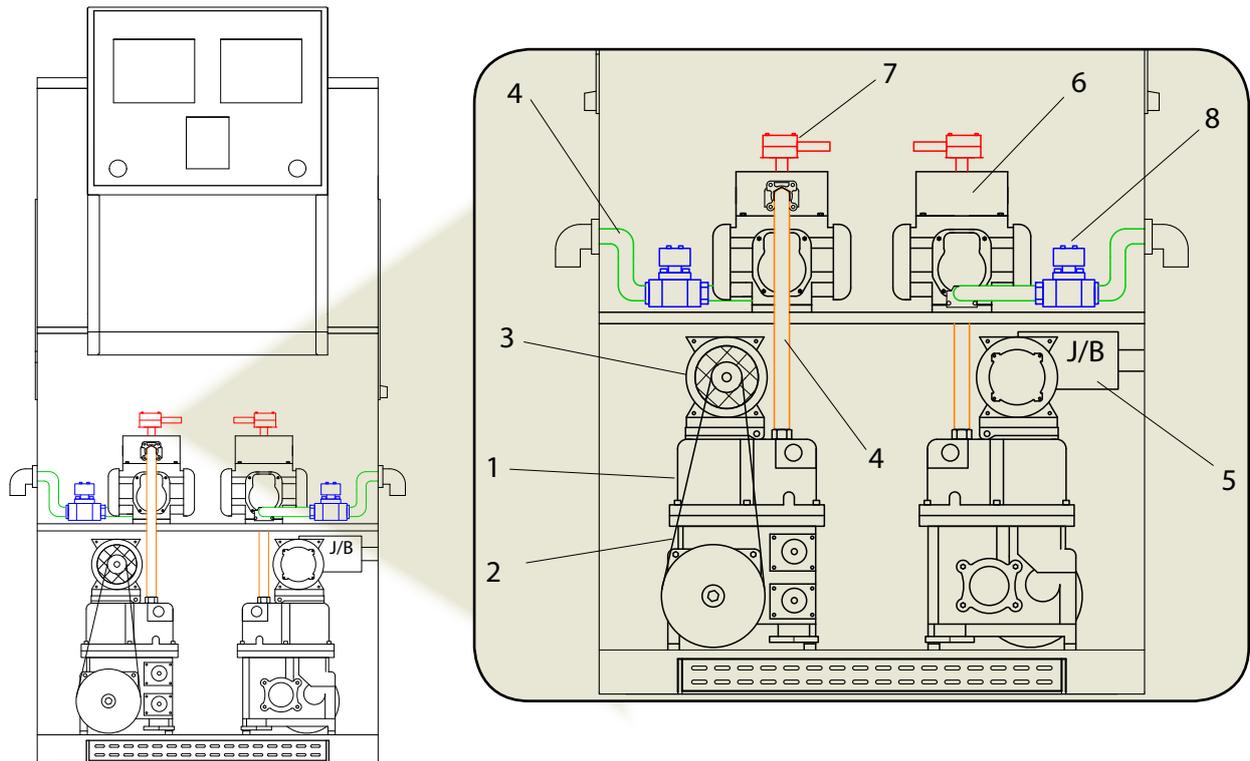
Type: Petrochemical & Chemical  
Internal diameter: 3/4" (Gasoline) / 1" (Diesel)  
Length: 4.0m (Optionally any other length)  
High quality braid reinforced antistatic hose  
Certified: EN 1360/1

### Nozzle

Type: Automatic  
Body: Aluminum  
Seals: Buna – N, Viton  
Spout: Aluminum  
Inlet diameter for Gasoline: 3/4"  
Inlet diameter for Diesel: 1"  
UL LISTED / ATEX

# M-6200 SERIES

## Design features



### Standard Features

Nominal Flow Rate: 40/80lpm  
 Electro Mechanical Totalizers  
 Preset Function  
 LCD Back Light Display  
 Electronic Calibration  
 ATEX 2014/34/EU  
 MID 2014/32/EU

### Optional Features

Nominal Flow Rate: 120/160lpm  
 Pulsar Interface  
 High Flow Button  
 EMV pay at the Pump  
 Interface with OPT Systems.  
 RFID Transactions  
 Automatic Temperature Compensation  
 On Pump printer  
 Vapor Recovery Stage II



I/N	Description
1	Pumping unit
2	V-belt, antistatic
3	Electric motor
4	Copper pipe
5	Junction box
6	Flowmeter
7	Pulsar
8	Solenoid valve

## Spyrides Dispenser Range



M-6200

M-6400

M-6800

Combi M-6800 Adblue

M-6500

## Documentation

- Installation, Operation and Maintenance Manual
- Parts Manual
- Warranty Declaration
- All relevant Certificates

Dem. G. Spyrides S.A

24 Athinon Avenue, 104 41 Athens, Greece Tel.: +30 210 5228603, Fax: +30 210 5248347

www.neotec.gr  
 information@neotec.gr