

Aesthetics Meets Flexibility



If you are seeking Flexibility in a Modern Design, then our M-6800 Series provides the ideal choice. Fully customizable, M-6800 offers a wide range of configurations and features, so that all needs of the most demanding customers can be fulfilled.

M-6800 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-6800 SERIES

Design features



INFRASTRUCTURE

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

- Production facilities housed in an industrial building of 3500m². 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.

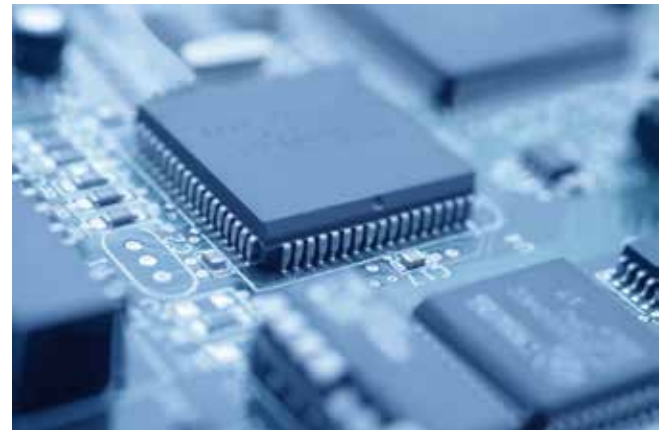
- Galvanized Steel Metal Panels, powder coating paint for excellent appearance, maximum protection and long life.
- Durable construction suitable for harsh environmental conditions
- Stainless Steel Metal Panels (optionally)



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.



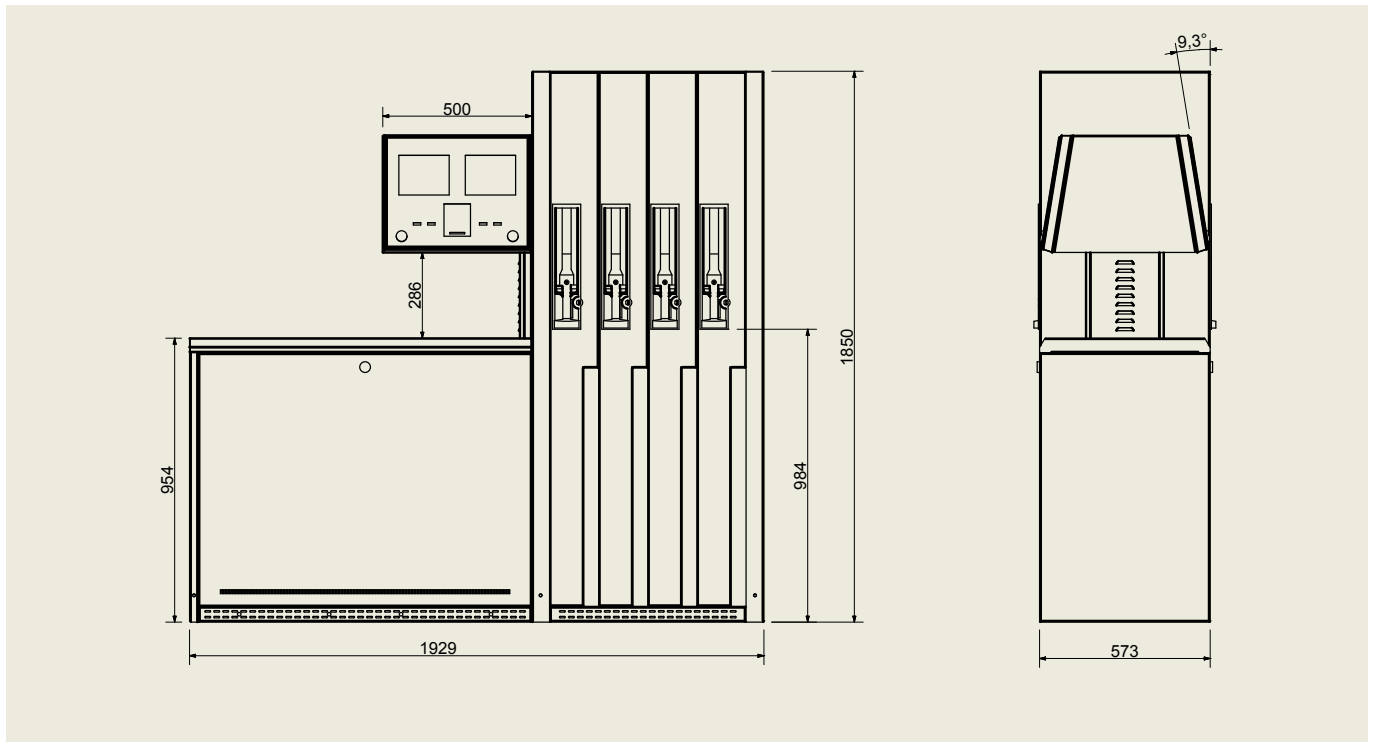
ELECTRONICS

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-6800 SERIES

Technical Specs



Model	Description	Length	Width	Height
M-6804	4 Hoses – 2 products	1344	573	1850
M-6806	6 Hoses – 3 products	1509	573	1850
M-6808	8 Hoses – 4 products	1929	573	1850
M-6810	10 Hoses – 5 products	2349	573	1850

RETAIL FUEL DISPENSER

SUCTION TYPE OR PRESSURE TYPE

UP TO 10 HOSES AND 5 PRODUCTS

FLOW RATE: 40 / 65lpm (Optionally 120lpm)

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

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

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

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

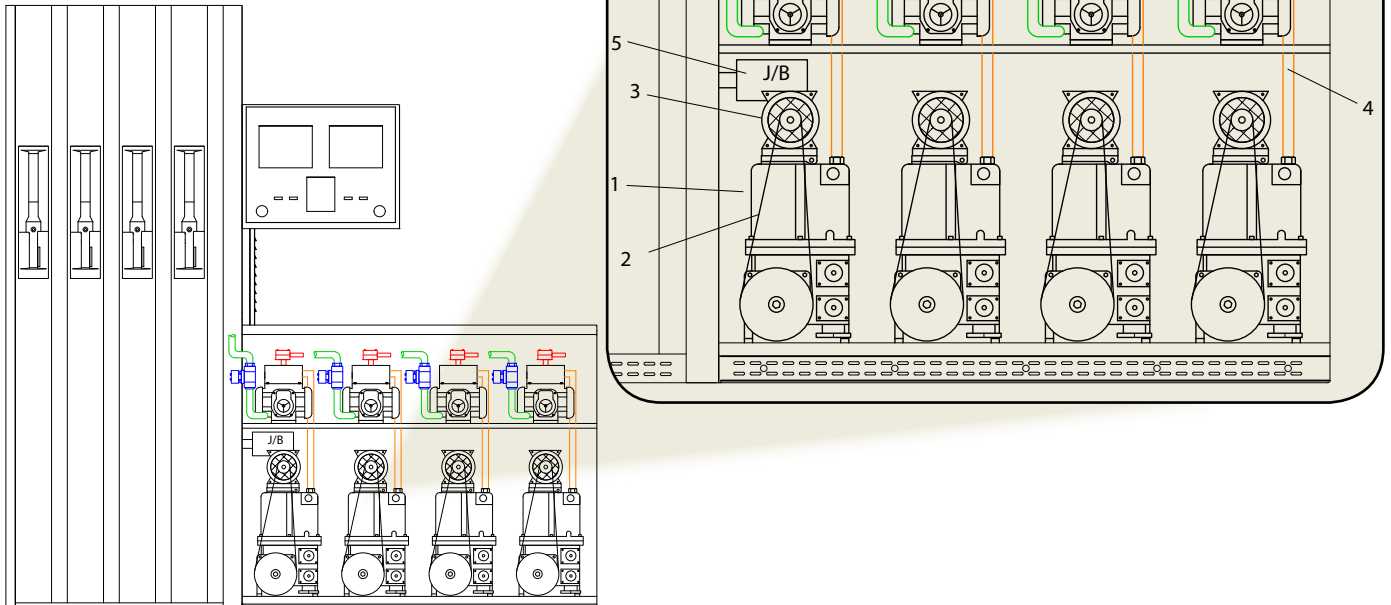
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M-6800 SERIES

Design features



Standard Features

Nominal Flow Rate: 40/65lpm
 Electro Mechanical Totalizers
 Preset Function
 LCD Back Light Display
 Electronic Calibration
 ATEX 2014/34/EU
 MID 2014/32/EU

Optional Features

Nominal Flow Rate: 120lpm
 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

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