



## Standard Features

Nominal Flow Rate: 40/80/120/160lpm  
Electro Mechanical Totalizers  
Preset Function  
Electronic Calibration  
ATEX 94/9/EC  
MID 2004/22/EC

## Optional Features

EMV pay at the Pump  
Interface with OPT Systems.  
RFID Transactions  
Automatic Temperature compensation  
On Pump printer  
Vapor Recovery Stage II

## M-5300 Series provides:

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



# INDUSTRIAL M-5300 SERIES

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## Design features



### STATE OF ART PRODUCTION FACILITIES

- Production facility 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 art equipment such as punching machines [CNC], testing facilities, underground fuel depots and MRP warehouses software.
- Production facility certified according to ATEX 94/9/EC and MID/2004/22 Directives.



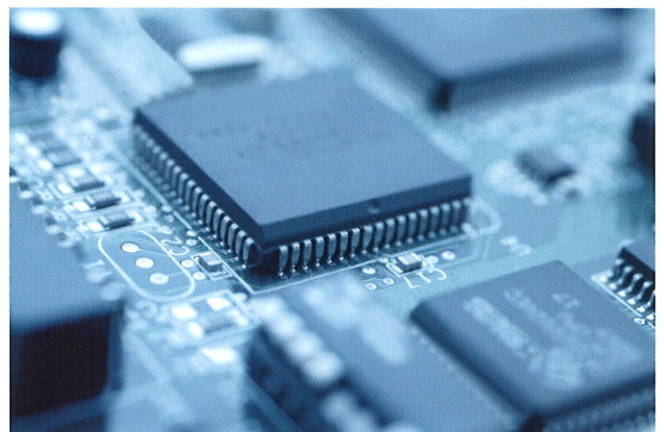
### EXTERIOR HOUSING

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



### HYDRAULICS

- High quality hydraulic components designed for Easy Installation, Simplicity on Operation and Minimum Maintenance Requirements.
- Flow Meter and Pumping Unit are certified according to MID 2004/22/EC Directive, ensuring highest accuracy.

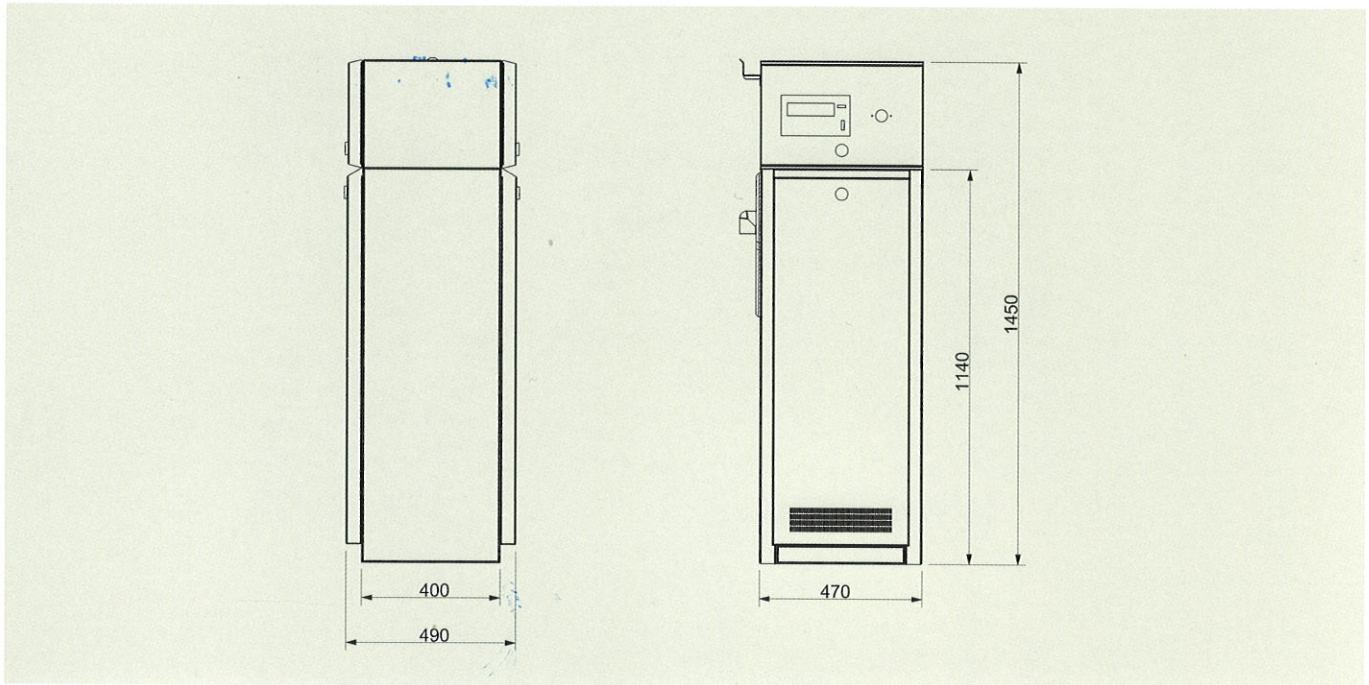


### ELECTRONICS

- R&D Electronics Dept. manned with certified engineers, offering tailor made solutions.
- Electronics according to latest technology, with password MID Certified.
- Built in diagnostics with error codes indicated in state of the art LCD Backlight Displays.
- IFSF Communication Protocol.

# INDUSTRIAL M-5300 SERIES

## Technical Specs



INDUSTRIAL FUEL DISPENSER (OPTIONALLY RETAIL)  
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

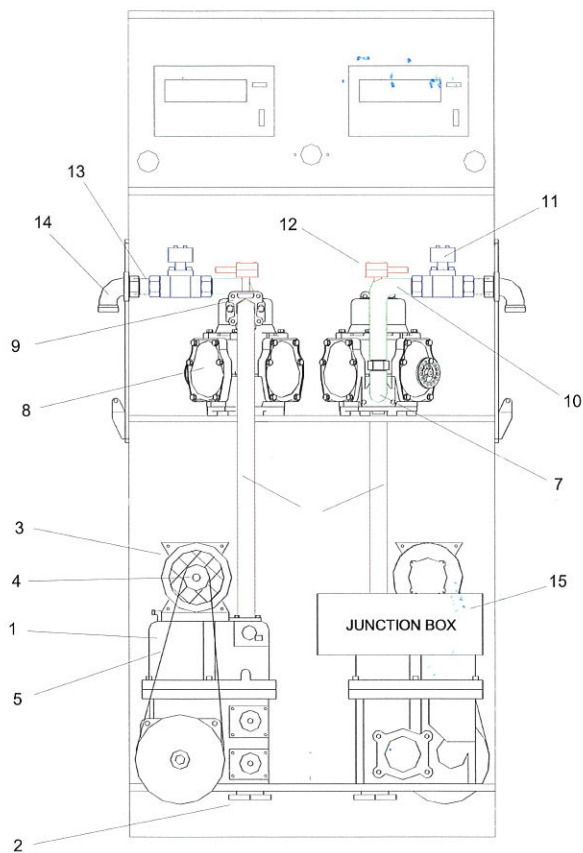
### Nozzle

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



# INDUSTRIAL M-5300 SERIES

## Design features



I/N	DESCRIPTION
1	PUMPING UNIT MID 2004/22/EC CERTIFIED
2	PUMPING UNIT INLET FLANGE
3	ELECTRIC MOTOR ATEX 94/9/EC CERTIFIED
4	PULLEY
5	V-BELT
6	FLOWMETER INLET PIPE
7	FLOWMETER OUTLET FLANGE
8	FLOWMETER MID 2004/22/EC CERTIFIED
9	FLOWMETER INLET FLANGE
10	FLOWMETER OUTLET PIPE
11	SOLENOID VALVE ATEX 94/9/EC CERTIFIED
12	PULSER ATEX 94/9/EC CERTIFIED
13	OUTLET PIPE
14	FUEL DISPENSER, CAST OUTLET 1"
15	JUNCTION BOX

## Spyrides Dispenser Range



## Documentation

Documentation provided with each Fuel Dispenser:

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

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