

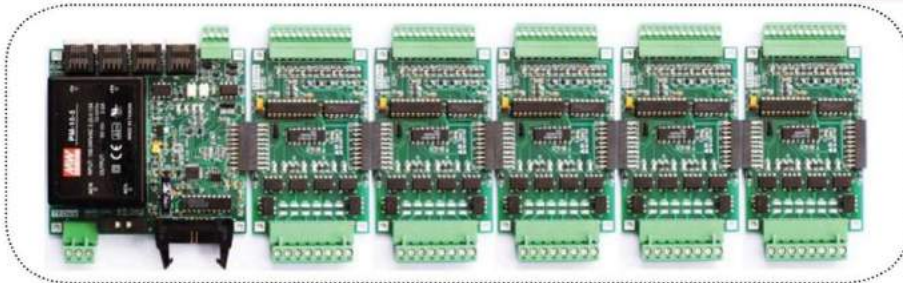
Standards

Mekser produces pumps and equipment that adhere to the highest environmental standards in the industry. It takes more than just innovative engineering to create a world class dispenser. It takes skilled people with talent, knowledge and attention to detail. This is why we consistently produce dispensers that exceed expectations. We believe in a culture of excellence. Therefore, Mekser constantly strives for improved quality in its products and services, and has been awarded the latest ISO, OIML, ATEX and MID certifications.

ELECTRONICS

The new generation MKR-5 controller provides the latest in dispenser electronics, enabling communication with all major automation systems. Mekser dispensers can be optionally specified with multimedia systems, cash registers and customer identification systems.

All Mekser products come with a standard 1 year guarantee on parts and workmanship. After the warranty period, Mekser continues to support its customers with economical spare parts and long-term service.



Electronics	MKR5 + HC
Type	SMB - Modular
Capacity	5 Products, 10 Nozzles, 2 Filling
Mains Supply (VAC)	90 - 240 VAC
Frequency (Hz)	50 ± 5
Operating Voltage (°C)	-20 + 80
Humidity (%)	100
Electronic Unit Power Consumption (W)	40 - 150
Electronic Totals - Erasable	10 Digits Resetable
Electronic Totals - Non-erasable	10 Digits Resetable
Electromechanical Totaliser	7 Digits, Non-Resetable
Preset Programming (Standard)	Volume / Amount Selectable
Preset Programming (Option)	2 x Button (Large Value, Small Value)
Password Protection	User or Service Level
Electronic Calibration	Smart Pulse Generator
Solenoid Valve Drive	Two Stage
Display (Standard)	8" LCD, 1" Digit, Orange Backlit
Display (Optional)	10" LCD, 1½" Digit, Blue Backlit
Communication Port (Current Loop - RS485)	Current Loop, RS485
Fiscal Cash Register Compatible	✓

& Technology



Flowmeter	PM2	PM4
Type	Pozitif Deplasman	
Piston	2	4
Cylinder Volume (Lt./Tur)	0.50	1
Body	Al.Injection	Cast Iron GG
Maximum Flow (Qmax Lt./Dak.)	70	120
Minimum Flow (Qmax Lt./Dak.)	5	
Minimum Measured Volume (MML)	2	10
Minimum Measured Volume (%)	± 0.25	
Calibration Step (%)	0.1	
Calibration Tolerance (%)	± 3	
Maximum Pressure (Mpa)	0.3	
Temperature Range of Liquid (°C)	-20 +50	
Type of Liquid	Gasoline and Diesel	
Mechanical Calibration	✓	
Electronic Calibration	✓	
Flowmeter Approval Standards	OIML R 117-1	

At the heart of every Mekser Dispenser lies 35 years of hydraulic production experience.

Fully machined in-house on the latest CNC machines, assembled and tested by experienced craftsmen, it's no surprise that all our dispensers have been awarded international MID, OIML and ATEX certifications. Mekser hydraulic has options both for electrical and mechanical calibration.



Suction Pump	GP45	GP 70	GP 120
Type	Gear		Vane
Body	G		
Maximum Flow (Lt./Min.)	45	70	120
Minimum Flow (Lt./Min.)	4	7	10
Pump Rotation (r/Min)	550	700	550
Noise Level (dB)	65	79	82
By-Pass Pressure (bar)	1.8	2.0	2.0
By-Pass Pressure Adjustment (bar)	1.2 - 2.5	1.2 - 2.5	1.2 - 2.5
Min. Dry Suction (mbar)	400	500	500
Min. Wet Suction (mbar)	700	700	700
In-Out Filter (Suction Types)	✓		
Cartridge Filter (Press.Types) (10 η - 30η)	✓		
Pump Approval Standards	OIML R 117-1		

Air Separator	AS 50	AS 120
Type	External	External
Body	Alu.Injection	Cast Iron GG
Maximum Flow (LT / Min.)	50	120
Minimum Flow (LT / Min.)	0.3	0.3
Minimum Pressure (Mpa)	0.1	0.1
Liquid Type	Gasoline and Diesel	
Air Separator Approval Standard	OIML R 117-1	



DIAMOND.



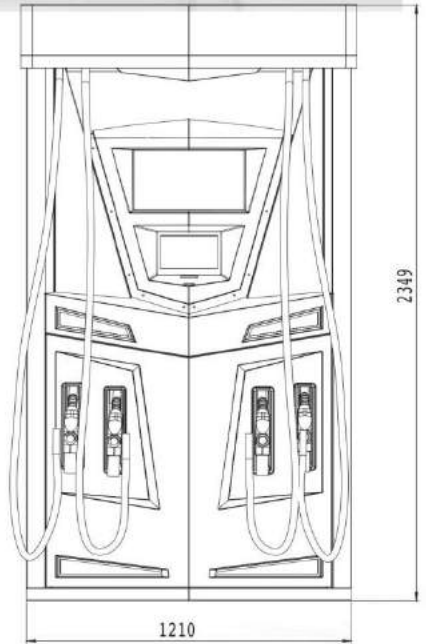


For those who demand only the best, Mekser presents a brand new product.

Inspired by the lines of a skillfully-cut gemstone, the Diamond's angular design will make your station stand out.

From the composite electronic cabin with integrated LED multimedia screen to the ventilation air intakes and nozzle cradles, you will find attention to detail in every aspect of the Diamond line. Mekser also allows you to choose different color pairings between side columns, electronic cabin and nozzle cradles.

The Diamond model is truly unique and its attractiveness will bring drivers to your station.



TECHNICAL FEATURES				
FUNCTIONAL SPECIFICATIONS				
Model	Type	Product	Nozzles	Filling
M2MPP	Suction / Pressure	1	2	2
M4MPP	Suction / Pressure	2	4	2
M6MPP	Suction / Pressure	3	6	2
M8MPP	Suction / Pressure	4	8	2

OPTIONAL SPECIFICATIONS	
Multimedia LCD Panel	19" LED
Electronic Unit Heat Element	300 W.
Electronic Calibration	Smart Pulsar
Stainless Steel Columns	SS 304 - SS 316
5 Swivel	3/4", 1"
Vapour Recovery	Stage II

VICTORY ■



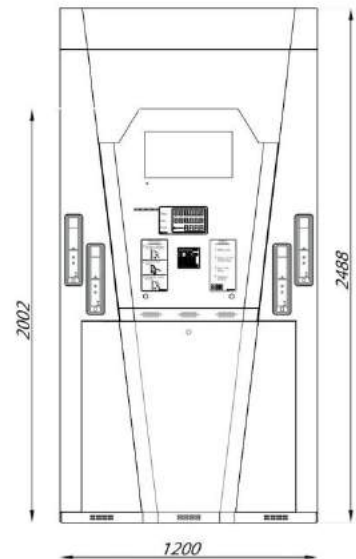


Originally introduced in 2010 by Mekser, the Victory series had had a major facelift. The side columns are now totally V-shaped from top to bottom and incorporate a bigger cabin which flows along the lines of the columns to generate a clean and impressive design. Available in both standard or multimedia models, Mekser also produces 4 - screen units for stations with high traffic.

TECHNICAL FEATURES

FUNCTIONAL SPECIFICATIONS

Model	Type	Product	Nozzles	Filling
M911	Suction / Pressure	1	2	2
M922	Suction / Pressure	2	4	2
M933	Suction / Pressure	3	6	2
M944	Suction / Pressure	4	8	2



OPTIONAL SPECIFICATIONS

Multimedia LCD Panel	19"
Electronic Unit Heat Element	300 W.
Electronic Calibration	Smart Pulser
Stainless Steel Columns	SS 304 - SS 316
S Swivel	3/4", 1"
Vapour Recovery	Stage II

ARCADIA ■





This simplicity is especially vital during subzero working temperatures in order to prevent the potential freezing of mechanisms. Likewise, the optional heater for the electronic cabin enables accurate visibility of LCD displays and prevents freezing of the hose. The Arcadia Line can be optionally specified with complete stainless steel body.

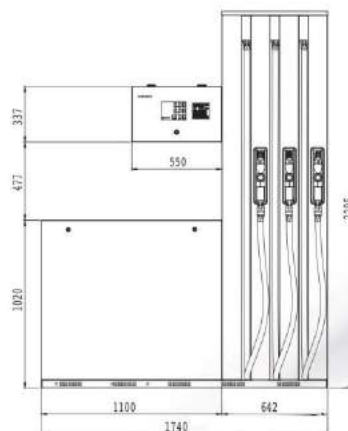
TECHNICAL FEATURES

FUNCTIONAL SPECIFICATIONS

Model	Type	Product	Nozzles	Filling
M611	Suction / Pressure	1	2	2
M622	Suction / Pressure	2	4	2
M633	Suction / Pressure	3	6	2
M644	Suction / Pressure	4	8	2

OPTIONAL SPECIFICATIONS

Multimedia LCD Panel	19" LED
Electronic Unit Heat Element	300 W.
Electronic Calibration	Smart Pulser
Stainless Steel Columns	SS 304 - SS 316
S Swivel	3/4", 1"
Vapour Recovery	Stage II
Traction system	✓



PHANTOM ■



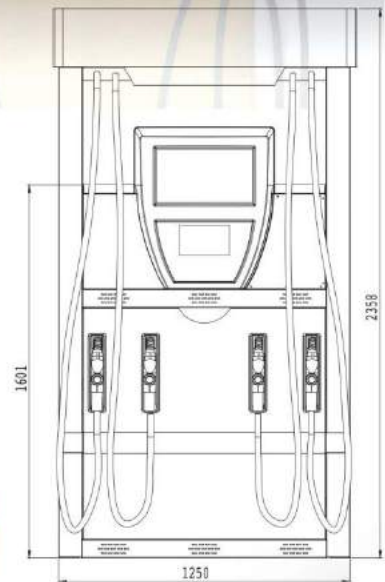


Meet the Phantom.

Combining the functionality of classic high-hose design with elegant lines around the electronic cabin, the Phantom series will give your stations a modern look.

The central control panel and displays have been ergonomically designed for both for function and style. The easy-to-use keyboard allows you to provide fast service and serve more customers.

With its innovative design and styling, the Phantom allows you to increase the value and attractiveness of your station at a reasonable cost.



TECHNICAL FEATURES

FUNCTIONAL SPECIFICATIONS

Model	Type	Product	Nozzles	Filling
M2MPP	Suction / Pressure	1	2	2
M4MPP	Suction / Pressure	2	4	2
M6MPP	Suction / Pressure	3	6	2
M8MPP	Suction / Pressure	4	8	2

OPTIONAL SPECIFICATIONS

Multimedia LCD Panel	19"
Electronic Unit Heat Element	300 W.
Electronic Calibration	Smart Pulser
Stainless Steel Columns	SS 304 - SS 316
S Swivel	3/4", 1"
Vapour Recovery	Stage II

PEGASUS



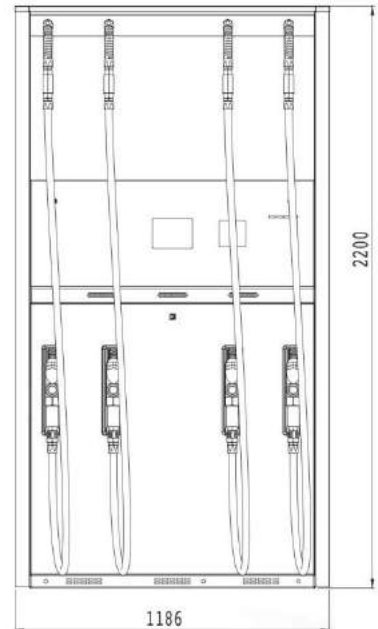


If you are curious about the best-selling dispenser in Turkey, look no further. In production for more than 25 years, the Pegasus series has been recently updated.

With Mekser's famous hydraulics and electronics, the Pegasus meets your needs in a robust & familiar package. The Pegasus series will help you maintain the most competitive price levels in the industry without sacrificing quality and accuracy.

TECHNICAL FEATURES				
FUNCTIONAL SPECIFICATIONS				
Model	Type	Product	Nozzles	Filling
M1MPP	Suction / Pressure	1	1	1
M2MPP	Suction / Pressure	1	2	2
M4MPP	Suction / Pressure	2	4	2
M6MPP	Suction / Pressure	3	6	2
M8MPP	Suction / Pressure	4	8	2

OPTIONAL SPECIFICATIONS	
Electronic Unit Heat Element	300 W.
Electronic Calibration	Smart Pulser
Stainless Steel Columns	SS 304 - SS 316
S Swivel	3/4", 1"
Vapour Recovery	Stage II

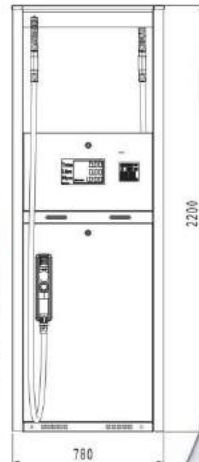


SLIMLINE.

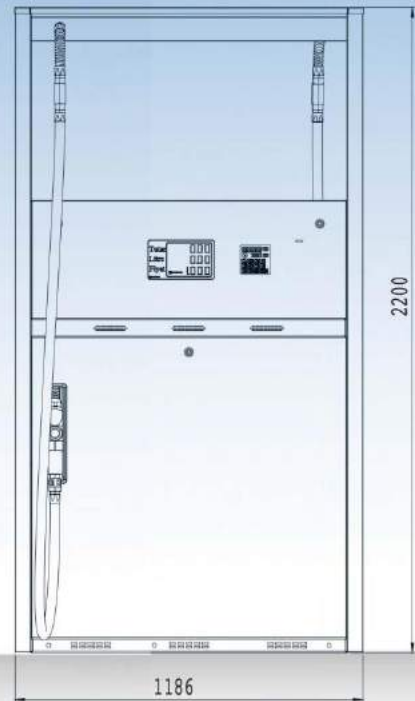
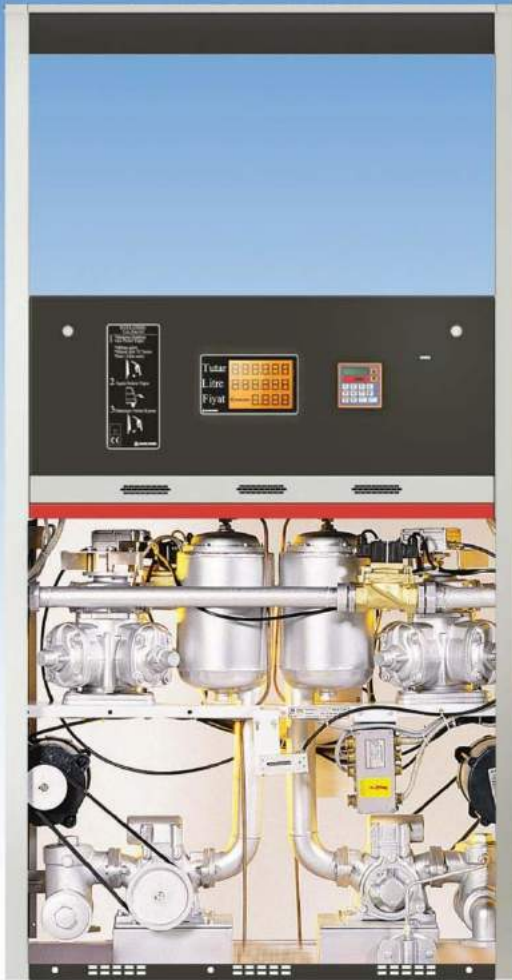


The Slimline combines Mekser know-how and quality in a compact package. Using galvanized steel and electrostatic powder coating at 200 degrees Celsius provides strong protection against rusting. Mekser also offers a stainless steel model for ultimate protection against external weather conditions and long-lasting performance.

TECHNICAL FEATURES				
FUNCTIONAL SPECIFICATIONS				
Model	Type	Product	Nozzles	Filling
M411	Suction / Pressure	1	1	1
M412	Suction / Pressure	1	2	2
M422	Suction / Pressure	2	2	2
M424	Suction / Pressure	2	4	2



MAXIMUS



Looking for a real high-volume pump?

Maximus is the answer. No cheap tricks like increased rpm from standard meters.

Maximus utilizes Mekser's 4-piston meter to supply up to 120 l/min.

For marina, railway or construction fleet applications, Maximus is an excellent solution.

Available in complete stainless-steel trim for years of protection and uninterrupted service

TECHNICAL FEATURES				
FUNCTIONAL SPECIFICATIONS				
Model	Type	Product	Nozzles	Filling
M120-L	Suction / Pressure	1	1	1
M120-L 1-2	Suction / Pressure	1	2	2
M120-L2	Suction / Pressure	2	2	2

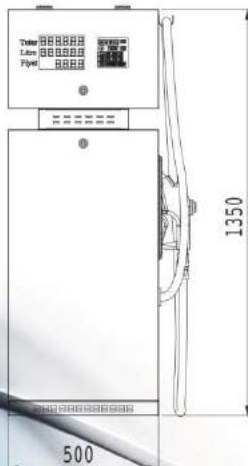
OPTIONAL SPECIFICATIONS	
Electronic Unit Heat Element	300 W.
Electronic Calibration	Smart Pulser
Stainless Steel Columns	SS 304 - SS 316
S Swivel	3/4", 1"
Vapour Recovery	Stage II



Designed to service both sides of the dispenser island, the Oasis Line can provide the same fuel type regardless of the approach direction. The model is offered with 4 displays in 2 nozzle models.

TECHNICAL FEATURES				
FUNCTIONAL SPECIFICATIONS				
Model	Type	Product	Nozzles	Filling
M311	Suction / Pressure	1	1	1
M312	Suction / Pressure	1	2	2
M322	Suction / Pressure	2	2	2





Mekser know-how and benefits in a compact package. Using galvanized steel as a start, electrostatic powder coating by 200 celcius provides strong protection against rusting. Or you can opt for stainless steel for ultimate protection against external conditions.

TECHNICAL FEATURES				
FUNCTIONAL SPECIFICATIONS				
Model	Type	Product	Nozzles	Filling
M311	Suction / Pressure	1	1	1
M312	Suction / Pressure	1	2	2
M322	Suction / Pressure	2	2	2

AdBlue Urea ■ M1 Single

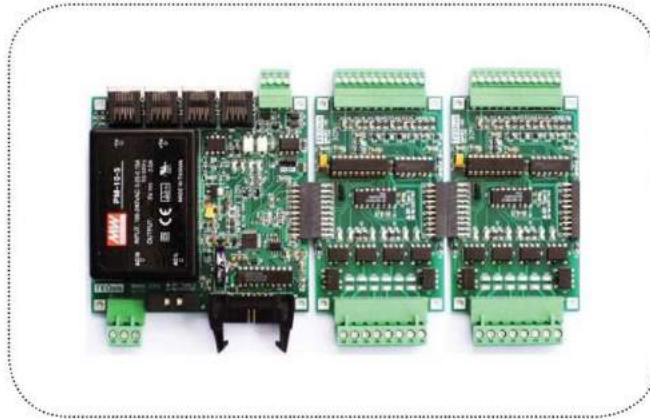


This is the possibility for the station owner to get an EC-Type Approved AdBlue Dispenser at an affordable price with Mekser proven quality. Mekser AdBlue dispenser uses standard, high quality original Mekser parts and standard fuel dispenser electronics. In addition, all necessary options are available to work even under rough weather conditions. The AdBlue solution is protected from freezing temperatures with added heated and insulated cabinet and nozzle column. Both nozzle and hose are protected with an insulated door.

Dispensers	Model	System	Capacity Lt./Min.	Product	Nozzle	Display	Filling
AdBlue Urea	M1	Suction	40	1	1	2	2

MID 2004/22/EC
EC - TYPE APPROVAL

Mekser LPG



LPG FLOWMETER

Operating Temperature	-40°C and +60°C
Flow Range	6-60 lpm
Maximum Operating Pressure	25 bar
Test Pressure	60 bar
Accuracy	Better than ± %0.5
Bureau Veritas certified CE Declaration (PED 97/23/EC)	

Elektronics	MKR5 + HC
Type	SMB - Modular
Capacity	1 Product, 4 Nozzles, 4 Filling
Mains Supply (VAC)	90 - 240 VAC
Frequency (Hz)	50 ±5
Operating Voltage (°C)	-20 +80
Humidity (%)	100
Elektronic Unit Power Consumption(W)	40 - 150
Elektronic Totals - Erasable	10 Digits
Elektronic Totals - Non-Erasable	10 Digits
Elektromechanical Totalizator	7 Digits, Non-Resetable
Preset Programming (Standard)	Volume / Amount Selectable
Preset Programming (Option)	2 x Button (Big Value, Small Value)
Password Protection	User or Service Level
Elektronic Calibration	Smart Pulse Generator
Solenoid Valve Drive	Two Stage & Proportional
Display (Standard)	8" LCD, 1" Digit, Orange Backlit
Display (Option)	10" LCD, 1¼" Digit, Blue Backlit
Communication Port (Current Loop - RS485)	Current Loop, RS485
Fiscal Cash Register Compatible	✓



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TECHNICAL FEATURES				
FUNCTIONAL SPECIFICATIONS				
Model	Type	Product	Nozzles	Filling
M230	Dispenser	1	2	2
M240	Dispenser	1	4	4

OPTIONAL SPECIFICATIONS	
Multimedia LCD Panel	19"
Electronic Unit Heat Element	300 W.
Electronic Calibration	Smart Pulser
Stainless Steel Columns	SS 304 - SS 316
ATC	✓

PEGASUS LPG



TECHNICAL FEATURES				
FUNCTIONAL SPECIFICATIONS				
Model	Type	Product	Nozzle	Filling
M220	Dispenser	1	1	1
M230	Dispenser	1	2	2
M240	Dispenser	1	4	4

Mekser enables you to manage visual unity of your site by offering the Pegasus series in LPG applications. With its proven quality and performance, Pegasus can satisfy all your expectations.

OPTIONAL SPECIFICATIONS	
Electronic Unit Heat Element	300 W.
Electronic Calibration	Akilli Pulser
Stainless Steel Columns	SS 304 - SS 316
ATC	✓

SLIMLINE LPG



The Slimline combines Mekser know-how and quality in a compact package. Using galvanized steel and electrostatic powder coating at 200 degrees Celsius provides strong protection against rusting. Mekser also offers a stainless steel model for ultimate protection against external weather conditions and long-lasting performance.

TECHNICAL FEATURES

FUNCTIONAL SPECIFICATIONS

Model	Type	Product	Nozzles	Filling
M220	Dispenser	1	1	1
M230	Dispenser	1	2	2

OPTIONAL SPECIFICATIONS

Electronic Unit Heat Element	300 W.
Electronic Calibration	Smart Pulser
Stainless Steel Columns	SS 304 - SS 316
ATC	✓