

SLIMLINE



MEKSER

MEKSER PETROL EKİPMANLARI A.Ş.



MEKSER SLIMLINE is manufactured using high-tech electronics and fully machined hydraulics. With electro-galvanized steel and electrostatic powder paint SLIMLINE is protected against corrosion. Offering the possibility of ease in service with its practical use, the product is suitable for all weather conditions.

Durable and uninterrupted service performance for many years.



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ELECTRONICS

The newly improved high-tech MKR-5 pump calculator provides the latest in dispenser electronics, enabling to communicate with all major automation and forecourt site controllers and thus providing wide range of flexibility for different applications.

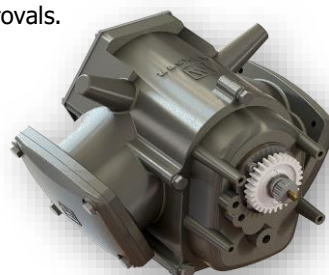


Electronics	MKR5 + HC
Type	SMB - Modular
Capacity	1-2 Product 1-4 Nozzles 1-4 Filling
Mains Supply	Calculator: 240 VAC Suction: 240/380 VAC
Frequency	50 ±5 Hz
Operating Temperature	-25 ~ +55
Humidity	100%
Electronic Unit Power Consumption	Calculator: 55 W
Electronic Totals - Erasable	10 Digits (E&NE)
Electromechanical Totalizator	7 Digits (non-resettable)
Preset Programming	Volume / Amount
Preset Programming (Option)	2 Button (big-small value)
Password Protection	User and Service Access
Electronic Calibration	Smart Pulse Generator
Solenoid Valve Drive	Two Stage
Display (Standard)	8" LCD, 1" Digit, Black Backlit
Communication Port (Current Loop - RS485)	Current Loop, RS485
Fiscal Cash Register Compatible	✓

FLOWMETER

At the heart of every MEKSER dispenser lies 35 years of hydraulic production experience. Fully machined in-house by high technology CNC machines, assembled and tested by experienced craftsmen.

MEKSER hydraulics have internationally recognized quality and accuracy approvals.



Flowmeter	PM2
Type	Positive Displacement
Piston	2
Cylinder Volume	0.50 Lt/Rev.
Body	Al. Injection
Minimum Measured Volume (MMQ)	2
Accuracy	± 0.05 (Better than ± 0.25)
Maximum Pressure	0.3
Temperature Range of Liquid	-20 ~ +50°C
Type of Liquid	Gasoline and Diesel
Mechanical Calibration	Optional
Electronic Calibration	Standard

PUMPING UNIT



VP80G is a self-priming gear type suction unit with a certified gas separator, adjustable sealed by-pass valve, control valve and washable stainless steel inlet filter. VP80G works silent with proven performance in the harshest conditions. VP120 is a self-priming vane type suction unit with the same functionalities for heavy duty applications.

Suction Pump	VP 80 G	VP 120
Type	Gear	Vane
Body	Aluminium	Injection
Maximum Flow (Lt./Sec.)	80	120
Pump Rev (rpm)	680	500
Noise (dB)	70	82
By-Pass Pressure Configuration (bar)	2 - 2.5	3 - 3.5
Dry Suction (mmHg)	450	450
Min. Fuel Suction (mmHg)	740	740
Inlet Filter (Suction Type)	✓	✓
Cartridge Filter (Pressure Type) (10 µm – 30 µm)	✓	✓

SLIMLINE Base Models

M C0 4111	M C0 4111 P	M C0 4122	M C0 4122 P	M C0 4222	M C0 4222 P	M C0 4242	M C0 4242 P
							

Technical Features SLIMLINE Series Fuel Dispensers

		M C0 4111	M C0 4111 P	M C0 4122	M C0 4122 P	M C0 4222	M C0 4222 P	M C0 4242	M C0 4242 P
System		Suction	Pressure	Suction	Pressure	Suction	Pressure	Suction	Pressure
Fuel Type		1	1	1	1	2	2	2	2
Nozzle Automatic	3/4" – 1"	1	1	2	2	2	2	4	4
Simultaneous Filling		1	1	2	2	2	2	2	2
Display	8-6-6	2	2	2	2	2	2	2	2
Capacity		Standard: 45 Lt./Min. High Speed: 70 Lt./Min. Heavy Duty: 120Lt/Min.							
Hose	4 Mt.	Standard: 5/8" High Speed: 1" Heavy Duty : 1 "							
Operating Temperature		-25 °C ~ +55°C							
Relative Humidity		%100							
Supply Voltage		Single Phase: 220 VAC ±%15 Three Phase: 380 VAC ±%15							
Frequency		50 Hz ±5							
Power Consumption									
Electronic Unit		100 W	100 W	100 W	100 W	100 W	100W	100 W	100W
Motor Three Phase	1 Hp.	0.75 kW	--	0.75 kW x 2	--	0.75 kW x 2	-	0.75 kW x 2	-
Dimensions (width x depth x height)		* Dimensions may differ depending the options.							
Net	cm	46*81*220	46*81*220	46*81*220	46*81*220	46*81*220	46*81*220	46*81*220	46*81*220
Gross	cm	60*115* 240	60*115* 240	60*115* 240	60*115* 240	60*115* 240	60*115* 240	60*115* 240	60*115* 240
Suction Pump (Suction Types)		Gear Type	--	Gear Type	--	Gear Type	--	Gear Type	--
Accuracy		± 0.05% (better than ± 0.25%)							
Electronic Calibration (on Pulser)		√	√	√	√	√	√	√	√
Electro-mechanical Totalizer	7 Digit	√	√	√	√	√	√	√	√
Amount / Volume Preset		√	√	√	√	√	√	√	√
Stop Button		√	√	√	√	√	√	√	√
Nozzle Swivel	360°	√	√	√	√	√	√	√	√
Breakaway	3/4" - 1"	√	√	√	√	√	√	√	√
Spin-on Filter (Pressure Types)	10μ - 30μ	--	√	--	√	--	√	--	√
Inlet Filter (Suction Types)	Metal	√	--	√	--	√	--	√	--
Communication Port (CL / RS485)		√	√	√	√	√	√	√	√
Cash Register Compatible		√	√	√	√	√	√	√	√
Packaging		Wooden Pallet + Cardboard Box + Bubble + Stretched Nylon							

Options *
SLIMLINE Series Fuel Dispensers

		M C0 4111	M C0 4111 P	M C0 4122	M C0 4122 P	M C0 4222	M C0 4222 P	M C0 4242	M C0 4242 P
Heater	160W x 2	✓	✓	✓	✓	✓	✓	✓	✓
Mechanical Calibration (on flowmeter)		✓	✓	✓	✓	✓	✓	✓	✓
Receipt Printer		✓	✓	✓	✓	✓	✓	✓	✓
Metal Keyboard		✓	✓	✓	✓	✓	✓	✓	✓
Motor Single Phase	0,75 kW 1 Hp	✓	✓	✓	✓	✓	✓	✓	✓
Heavy Duty Motor	1.5 kW 2 Hp	✓	✓	✓	✓	✓	✓	✓	✓
Emergency Stop Button		✓	✓	✓	✓	✓	✓	✓	✓
High Speed: 70 Lt./Min.		✓	✓	✓	✓	✓	✓	✓	✓
Heavy Duty: 120Lt/Min.		✓	✓	✓	✓	✓	✓	✓	✓
Spring Mast Hose Management System		N/A		N/A		N/A		N/A	
Hose		High Speed: 1" Heavy Duty : 1 ´							
Nozzle Automatic		1"							
Breakaway		1"							
4 Display option		N/A		N/A		✓		✓	
Simultaneously 4 fillings with 4 displays and 2 CPUs		N/A		N/A		N/A		✓	

*Options must be specified on order

Approvals

ATEX 2014/34/EU
MID 2014/32/EU

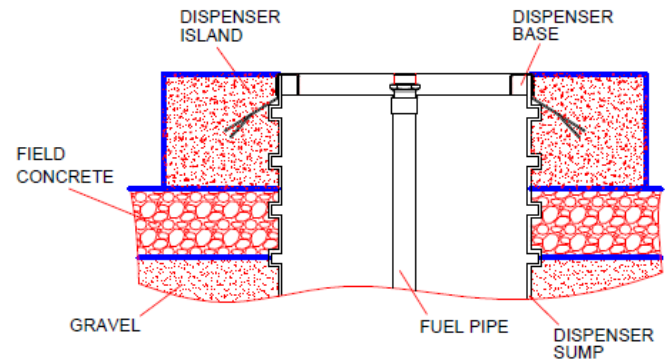
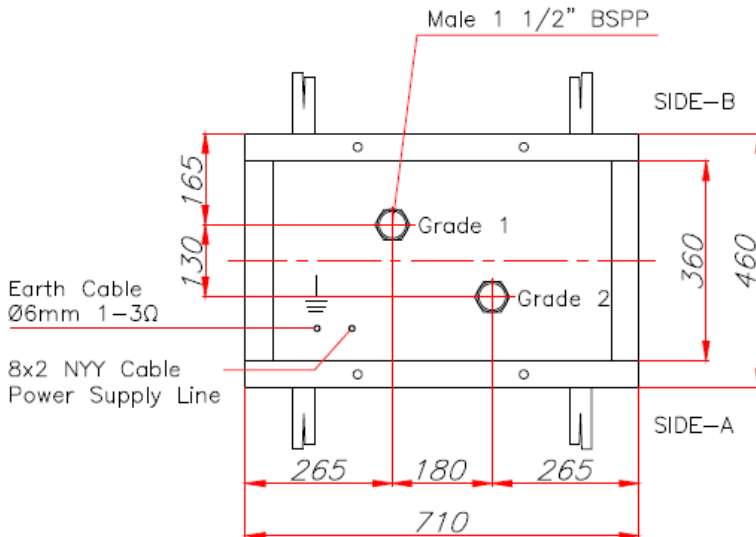
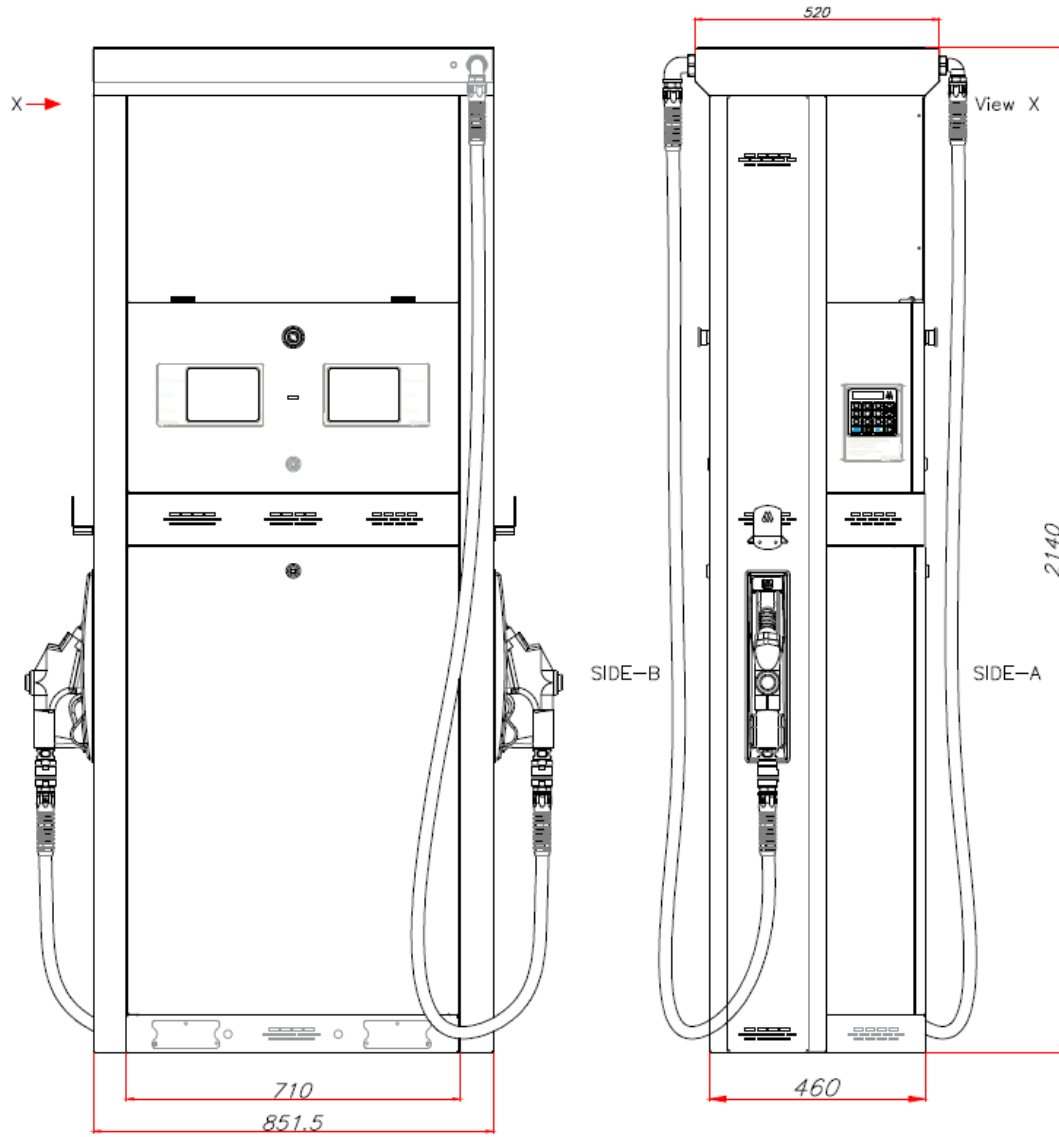


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FOOTPRINT DRAWING AND OVERALL DIMENSIONS – SLIMLINE SUCTION TYPE



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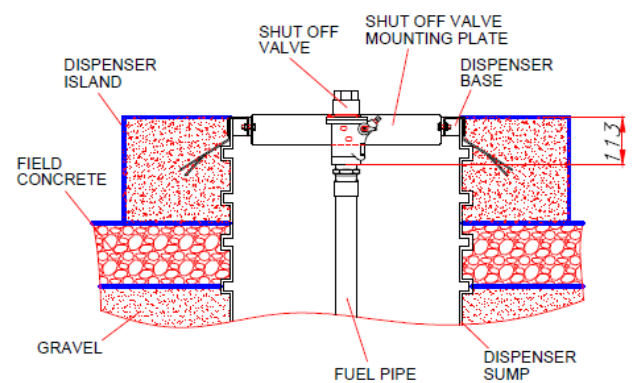
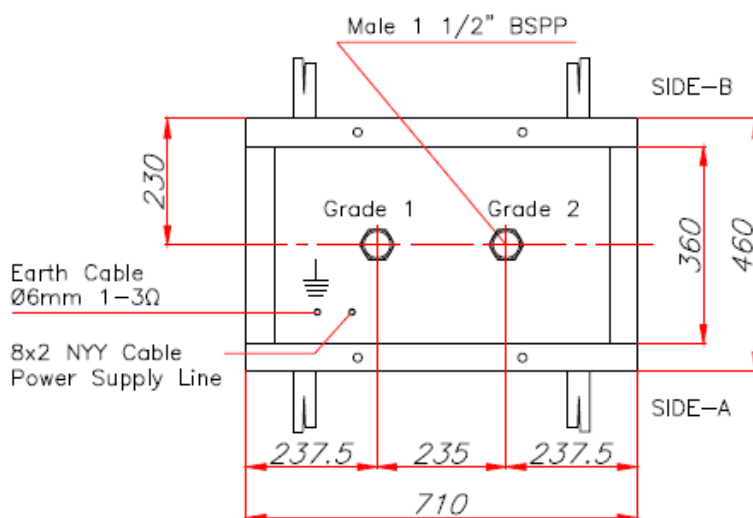
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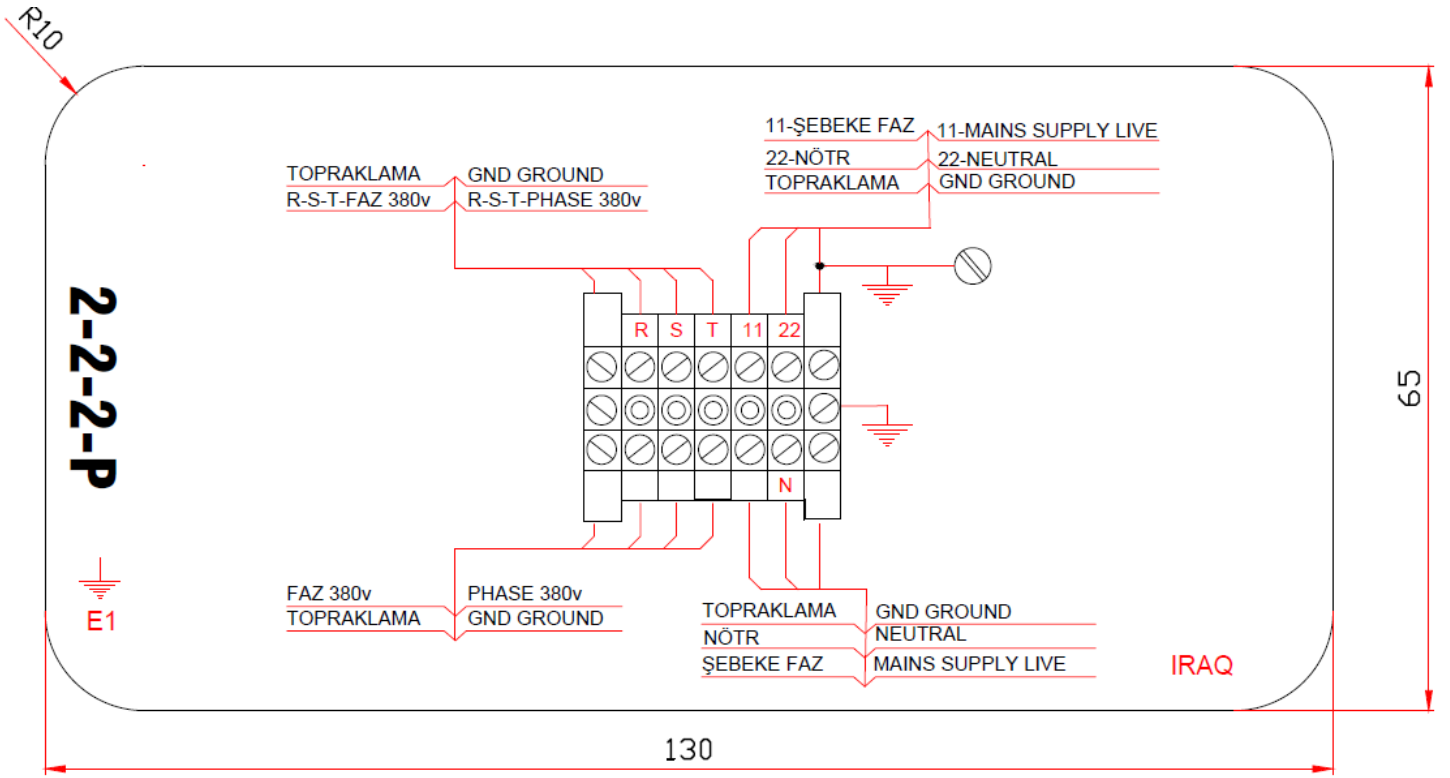
Technical drawings of the E5000 Series EV charging station showing front and side views with dimensions.

Front View (Left): Shows the charging station with two charging cables. Dimensions include a width of 710 mm and a total width of 851.5 mm. An arrow labeled 'X' points to the right.

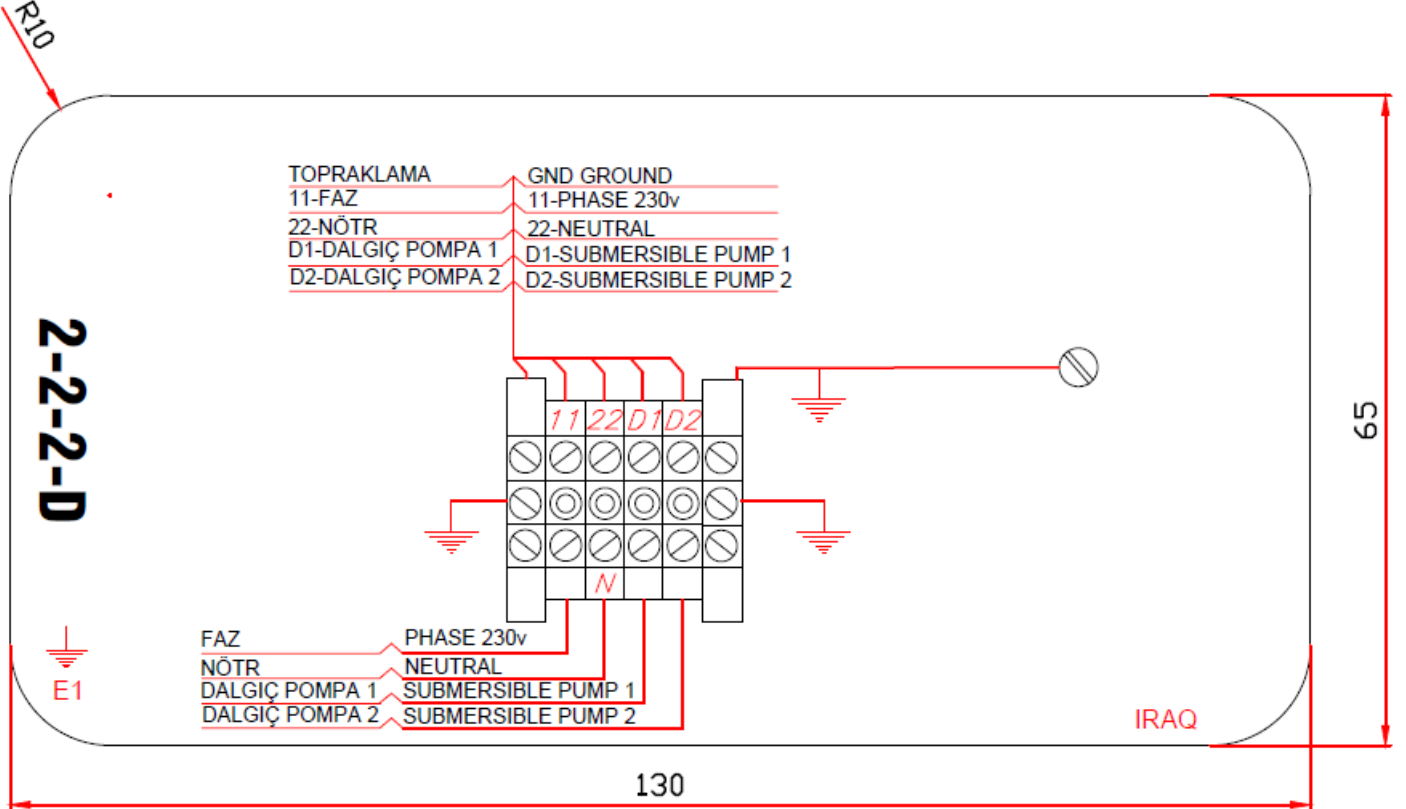
Side View (Right): Shows the side profile of the station. Dimensions include a height of 2140 mm, a top width of 520 mm, and a base width of 460 mm. The side is labeled 'SIDE-A' and 'SIDE-B'. A 'View X' label is also present.



JUNCTION BOX – ELECTRICAL CONNECTION DIAGRAMS SUCTION TYPE



JUNCTION BOX – ELECTRICAL CONNECTION DIAGRAMS PRESSURE TYPE



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