

MobilContainer

Mobil Stations Solutions

MobilContainer Series

The mobil stations sized ISO Standarts 10ft, 20ft, 40ft and 40ft-HC including CSC plate and BIC-CODE.



Özkar, being an alternative to traditional petrol stations, offers low-cost, safe and dynamic mobil solutions.

MobilContainer Types

MobilContainers	Types	Descriptions
SM-C-20-1T	20ft Container	single tank – 1x25m3
SM-C-20-2T	20ft Container	double tank – 2x12m3
SM-C-20-1T-O	20ft Container	single tank – 1x20m3 + 2m2 office
SM-C-20-2T-O	20ft Container	double tank - 2x10m3 + 2m2 office
SM-C-40-1T	40ft Container	single tank – 1x50m3
SM-C-40-2T	40ft Container	double tank – 2x24m3
SM-C-40-1T-O	40ft Container	single tank – 1x40m3 + 4m2 office
SM-C-40-2T-O	40ft Container	double tank - 2x20m3 + 4m2 office

Perspectiv e



MobilContainer

Mobil Stations General Specifications

Technical Specifications:

Standard Sizes: ISO 40 HC / 40 / 20 / 10 ft including CSC (Container Safety Convention) plate.

B.I.C - registered the international identification of Bureau International des Containers.

2 tanks / 1 tank +double walled+within/without office

Dimensions:

load-carrying-system construction, consisting of stable frame structure with 8 pieces ISO-corners

Double walled (40ft: 6 mm inside layer + 4 mm outside layer, 20ft and 10ft: 5 mm inside layer + 3 mm outside layer)

Robust, cubic, double wall body of steel, material: S 235 JRG 2

Corrosion protection: KT4S-Coating. Protection to sea-water and UV. RAL codes are applied according to customer requirements.

Light and sealing door (double winged) for dispensing niche: height 2.000 mm x width 2.000 mm

4 flange connections (2 suction/2 reserve)

1 x 2" ventilation connections DN 50, a vent hood 2" - (diesel)

1 x 2" ventilation connections DN 50, a vent hood 2" - exproof (gasoline)

Dispensing niche: width 2.000 mm x depth 1.000 mm x height 2.000 mm

Electrical niche: depth 700 mm x width 1000 mm x height 2000 mm

5m² / 2m² office room within light, 3-point electrical socket, sealing door and window.

Generator niche within sealing door and light.

Fuel dispenser - 1x 50lt/min.

Fuel transfer set, 600 / 300lt/min.

Single wall plated carbon steel tank.

3" fuel filling entrance(Cam Lock) / Overfilling protection.

Integrated ladder and sunshield for top of container access.

Ex-proof lamp for dispensing niche and filling niche.

Fuel Dispenser within 2 products – 2 nozzles

- With OIML type approval, EMC tested , ATEX certified

- Media: Diesel and Gasoline

- Liter, Price, Rate on Display

- Delivery rate 5 - 50 ltr./min. (standard) or 9 - 90 ltr./min. (high efficient) (flow rate will be set with customers wish in our workshop)

- Hose length 1: 4 m with automatic nozzle

- Hose length 1: 8 m with automatic nozzle

- Quantity preselection: price or liter

Service Stations Gas Station / Petrol Fuel Station

The tank station can be equipped as a complete gas station | service station for cars, trucks and diesel locomotives or as tank container for yachts and boats.

The tank station can also be applied as airfield gas station (gas station/service station for helicopters).

International transportation permission for ship, rail and road. (CSC) (Container Safety Convention)

General construction supervision approval as storage tank.

Extremely robust and high static firmness.

Double walled structure with vacuum leakage indicator.

Protective arrangement of the equipment inside the tank body.

Equipments:

2 x filling system for tank cars DN 50 with road tanker connection VK 50 and non-return valve, ball valve

2 x level limiter with type approval in EX (by version with transfer pump, the pipework for the filling system is mounted at the transfer niche)

2 x suction pipe 1 1/2" with non-return valve and ball valve 2 x return pipe

Lamp, switch, emergency stop (in EX)

Pedestal for dispensing units

Non-slip surface at the bottom of the niche

Transfer pump EX/ATEX 600 l/min with extra niche and door 400 V/AC

Diesel Generator 5 / 10,5 Kw

Security:

Ex package for the employment of A1 liquids such as Gasoline

Flame safety device type RMG in all and exhausting tank connections

Safety stickers

Overfill prevention level indicator for EX use – Level Gauge

2 qty / 1 qty fire extinguisher– 12 kg

Air breath valve / emergency relief valve

High level alarm.

Emergency shut off system point and leak detection.

Digital Level Indicator on electrical board.

Sealed area around the Valve to give Products Binding in All Areas.



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MobilContainer Dimensions	Width (mm)	Lenght (mm)	Height (mm)	Weight (kg) approx.
SM-ISO-40ft	2438	12192	2591 (2438)	10000
SM-ISO-20ft	2438	6058	2591 (2438)	5600
SM-ISO-10ft	2438	2991	2591 (2438)	2400



SM-C-40-2T-O

40 ft Double Tank within Office



40 ft Single Tank Mobil Fuel Station

SM-C-40-1T



SM-C-40-1T-O

40 ft Single Tank within Office



20 ft Double Tank within Office

SM-C-20-2T-O



SM-C-20-1T

20 ft Single Tank Mobil Fuel Station

MobilContainer

Mobil Stations Equipment Details



Fuel Dispenser
dispensing niche with gas pump



Transfer Pump
standard equipment for diesel, transfer pump for self-filling



Operator Room
office cabin (lockable) with current distribution board and integrated A/C



Sunblind System
sunblind on the container to protecting from strong solar irradiation



Generator
diesel or gasoline generator power options offered according to the client



Air Conditioner
A/C types options offered according to the client.



Electrical Board
electrical control board integrated within digital tank level gauge and emergency "Stop" button.



Leak Detecting Device
LCU-2 Leak Detecting Device – Sensing from between inner layer and outer layer.



Safety Equipments
standard safety equipments - 12 kg fire extinguisher
Optional Equipments – fire detecting and extinguish systems

MobilContainer

Mobil Stations Solutions



MobilContainer Series

world wide easy and low-cost transport by truck, rail and ship due to international ISO-container- measurements



MobilContainer



Özkar, series is functional, low-cost, portable and compact fuel stations, which provides safe alternatives compared to traditional fuel stations.

MobilBasic Models

MobilBasic	Type	Descriptions
SM-05	mobil	5. 000 Lt.
SM-10	mobil	10. 000 Lt.
SM-15	mobil	15. 000 Lt.
SM-19	mobil	19. 000 Lt.
SM-25	mobil	25. 000 Lt.
SM-30	mobil	30. 000 Lt.
SM-40	mobil	40. 000 Lt.
SM-50	mobil	50. 000 Lt.

Usage Areas

- Seasonal Requirements; (Holiday spots, marinas, agricultural areas, etc.)
- Private Events & Organizations (Motor sports, etc),
- Construction Sites,
- Mining Industry,
- Fuel supply for large fleets and in-house refueling sites (big corporations, transportation companies, etc.),
- Forecourts on which installation, revision and maintenance operations are conducted.

MobilBasic Series

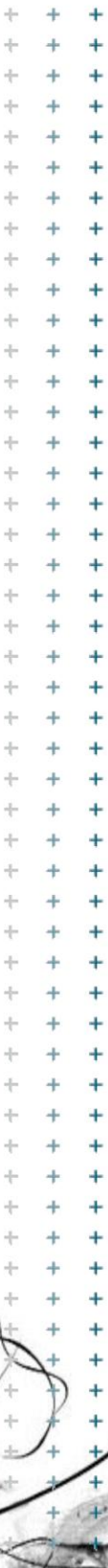
Advantages compared to traditional fuel stations;

- Lowcost,
- Portable,
- Compact structure,
- Set and operate,
- Fast and easy installation ,
- Lower process on fueling site, low infrastructure costs,
- Conservation of the natural environment,
- High safety protections,
- Contemporaneous and strong engineering structure design,

Özkar, is evaluated in 3 main groups in design and production :

Fuel Tank + Fuel Pump + (Container , As an option)

Perspek t i f



Festival 6 series

Fuel Dispensers



Festival

Visual pump design solutions of excellent quality at affordable prices. Our new festival, a brand new festival

6 series Fuel Dispenser Models

6 series	Type	Descriptions
6.12 B	Festival	1 Product 2 Nozzles Dispenser
6.24 B	Festival	2 Products 4 Nozzles Dispenser
6.36 B	Festival	3 Products 6 Nozzles Dispenser
6.48 B	Festival	4 Products 8 Nozzles Dispenser
6.510 B	Festival	5 Products 10 Nozzles Dispenser

Monitor & Keypad

Interactive 19" LCD. ATM type keypad and a clear view with the embedded design. Full compatibility to the new multimedia world.



General

- The option a payable self service with credit card
- Fast data through put with the RFID technology
- Direct Internet Connection
- Unit prices and data display
- Deepened front panel
- New flowmeter technology
- Excellent visual feast



Innovation Fuel 7 series

Fuel Dispensers



Monitor & Keypad

Interactive 17" LCD. ATM type keypad and a clear view with the embedded design.

Spotlights

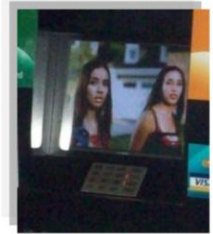
4 pieces spotlights to ensure the prominence of the colons.

3D Columns

3D designed columns. Totally unique and aesthetic.

LCD Panel

Graphic or TFT screen. Clear and vibrant images. Transition to color screen.



7 series Dispenser Models

7 series	Type	Descriptions
7.12 B	innovation	1 Product 2 Nozzles Dispenser
7.24 B	innovation	2 Products 4 Nozzles Dispenser
7.36 B	innovation	3 Products 6 Nozzles Dispenser
7.48 B	innovation	4 Products 8 Nozzles Dispenser
7.510 B	innovation	5 Products 10 Nozzles Dispenser

General

Credit card usage options
Fast data throughput with the RFID technology Using ZVA nozzle Unit prices and data display Deepened front panel Completely dominated oval lines Original hydraulic parts.

Multimedia 5 series

Fuel Dispensers



5 series Dispenser Models

5 series	Type	Descriptions
5.24 E	multimedia	2 Products 4 Nozzles Suction
5.36 E	multimedia	3 Products 6 Nozzles Suction
5.48 E	multimedia	4 Products 8 Nozzles Suction
5.510 E	multimedia	5 Products 10 Nozzles Suction
5.24 B	multimedia	2 Products 4 Nozzles Dispenser
5.36 B	multimedia	3 Products 6 Nozzles Dispenser
5.48 B	multimedia	4 Products 8 Nozzles Dispenser
5.510 B	multimedia	5 Products 10 Nozzles Dispenser

Monitor & TV

26" or 32" LCD support. Direct PC or Satellite antenna connection option.



LCD Panel

Graphic or TFT screen. Clear and vibrant images Transition to color screen



Panel

Electronic front panel supported with visual designs. A design provided with clear visibility.



Hydraulic

Simple hydraulic components. Accurate flow meter, accurate Pulsar accurate solenoid valve



General

Direct PC connection with USB or Ethernet. Fast data throughput with the RFID technology. Using OPW Nozzles Unit prices and data display Clear visibility Completely dominated oval lines Original hydraulic parts

Service

Response to the pump remotely via Internet. The fastest service intervention and the right solution with the remote connection.



Classic 3 series

Fuel Dispensers



LCD Panel

Single LCD or Classic 3 display screen.
Clear and vivid images



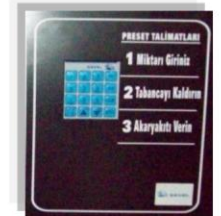
Keyboard & Menu

2 * 16 screen, ergonomic design with indicators.
Fast and easy to use with menu shortcuts



Panel

Electronic front panel supported with visual designs. A design provided with clear visibility.



Hydraulic

Simple hydraulic components.
Accurate flow meter, accurate Pulser accurate solenoid valve



3 series Dispenser Models

3 SeriesF	Type	Descriptions
3.12 E	Classic	1 Product 2 Nozzles Suction
3.24 E	Classic	2 Products 4 Nozzles Suction
3.36 E	Classic	3 Products 6 Nozzles Suction
3.48 E	Classic	4 Products 8 Nozzles Suction
3.510 E	Classic	5 Products 10 Nozzles Suction
3.12 B	Classic	1 Product 2 Nozzles Dispenser
3.24 B	Classic	2 Products 4 Nozzles Dispenser
3.36 B	Classic	3 Products 6 Nozzles Dispenser
3.48 B	Classic	4 Products 8 Nozzles Dispenser
3.510 B	Classic	5 Products 10 Nozzles Dispenser

General

Electronic unit is designed with latest technology.
Full compliance with cash register and automation.
Clear visibility
Unit prices and data display
Durable chassis is made of galvanized steel
Using OPW Nozzles
Original hydraulic parts

Service

Intervene immediately with 20 service points.



Basic 1 series

Fuel Dispensers



1 series Dispenser Models

1 series	Type	Descriptions
1.11 E	Basic	1 Product 1 Nozzle Suction
1.12 E	Basic	1 Products 2 Nozzles Suction
1.22 E	Basic	2 Products 2 Nozzles Suction
1.24 E	Basic	2 Products 4 Nozzles Suction
1.11 B	Basic	1 Product 1 Nozzle Dispenser
1.12 B	Basic	1 Products 2 Nozzles Dispenser
1.22 B	Basic	2 Products 2 Nozzles Dispenser
1.24 B	Basic	2 Products 4 Nozzles Dispenser

General Specifications

General

Durable chassis is made of galvanized steel
 Manufacture types as suction or dispenser
 To work with -30/+80°C and %95 ± relative humidity
 Accuracy ± 0,25%

Motor

380 ACV /50 Hz three phases or 220 ACV monophase Protected against excessive load, ex-proof, 0.75 kW motor Meter All our pumps have adjustable meters which are electronically calibrated and typed as positive displacement piston

Pumping-Unit

Our suction pumps equipped with positive displacement as rotary typed, by-pass valve, air separator, integrated suction filter and V belt driven. Speeds of the flow represents a diversity between 50/90/120 lt/min

Totalizers

We use 12 digits electronics totalizers for liter, money, shift-money and shift-liter, in addition to these, we use also 7 digits electromechanic totalizers according to your requests.

Electronic-Unit

The electronic unity design with the latest technology 10 digits for electronic total RS485 or Current-loop communication option Compability with all the cash register

Keyboard

Keypad with 16 buttons

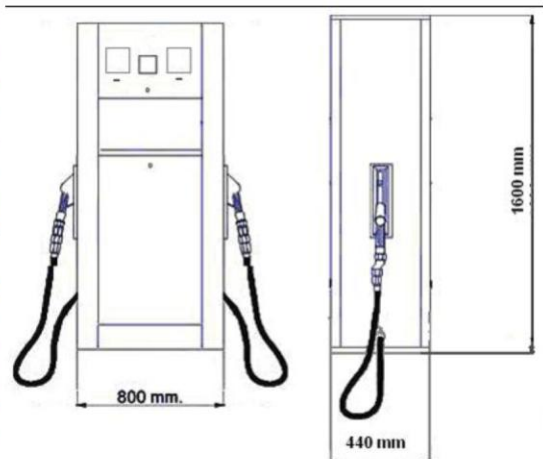
Display

1" (25.4 mm) 6 digits for money, 6 digits for liter, 6 digits for unit price. Option one is a single screen.

Noozle and Hose

3/4 for standart dispensers and 1 for high efficient dispensers. Equally, hoses are 3/4 or 1. We use 360 degree rotating swivels to facilitate the usage.

Technical Drawings



Innovation LPG 7 series

LPG Dispensers



Monitor & ATM Keypad



3D Column



LCD Panel



Spotlights



Nozzles Designed

General Specifications

Flow Meter	Yenen Meter
Voltage	175 - 250 VAC
Electronic Unit Safety	230V AC50Hz
Coverage (convenience)	IP20P
Temp. Measurement Range	-30C +70C
Relative Humidity	%0 - %80 uncondensed
Weight(Flowmeter)	2.5 Kg
Dimensions	225x100x50 cm
Max. Counting Frequency	833 Hz per a channel (Options 1666 Hz)
Max. Collector (Totalizer) Frequency	7 Hz
The Shaft Encoder Type	Eltomatic type 01-08
Height of Figures	Channel voltage +5V DC
Data Process Unit	240*210*50 mm - 1 inch
Max. Power Load	Savel SAV5-CPU
	LCD : After the power is turned off
	48 hours
	Signal Light Output : 24 AC 1W
	Motor Output and Valve Outputs
	220AC, 10W
	Gilbarco Current Loop
Communication Line	

7 Series LPG Dispenser Models

7 series	Type	Statement
7.11 L	innovation	1 Nozzle
7.22 L	innovation	2 Nozzles
7.44 L	innovation	4 Nozzles