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URBAN FEUL

MOBILE FUEL STATIONS

FAST * SAFE * EASY





Transferable



European Standards



Fast Installation



Custom Design

Mobile Fuel Stations offers safe, dynamic and low-cost solutions with a very easy and fast installation. Mobile system are being an alternative to fixed fuel stations and can be used for different fuels types like gasoline, diesel, kerosene, propane (LPG) and Adblue. Systems can be equipped with various types of tanks, dispensers and other options.

General Features

- ✓ Standard ISO Containers (20' – 40' HC)
- ✓ CSC plate – BIC CODE
- ✓ EN 12285-2 Certified Storage Tank
- ✓ Single / Double Wall Tank
- ✓ Atex Certified Dispenser / Pump
- ✓ Standard flow dispenser 40 lpm
- ✓ 1 or 2 Products
- ✓ Illumination
- ✓ Electric Box
- ✓ Vent valve
- ✓ Steel Piping
- ✓ Suction accessories



Optional Features

- ✓ Automatic Tank Gauging
- ✓ Pump Automation
- ✓ Vehicle Identification – Mifare cards
- ✓ Remote monitoring of tank level and sales
- ✓ Isolation
- ✓ Hi-Flow dispenser (70 lpm / 120 lpm)
- ✓ Tank filling transfer pump
- ✓ Generator room
- ✓ Operator room / office
- ✓ Leak detection system
- ✓ Fuel filtration
- ✓ Generator
- ✓ Air conditioner

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



Mobile Fuel System Automation

Mobile Station Automation System allows you to monitor your sales and tank level, through an industrial touch panel, mounted on the dispenser. With the card reader feature, only authorized persons can use the dispenser. All information can be viewed and reported by remote monitoring feature, via wi-fi or Gsm modüue. Only needs two wires, from dispenser and level probe.

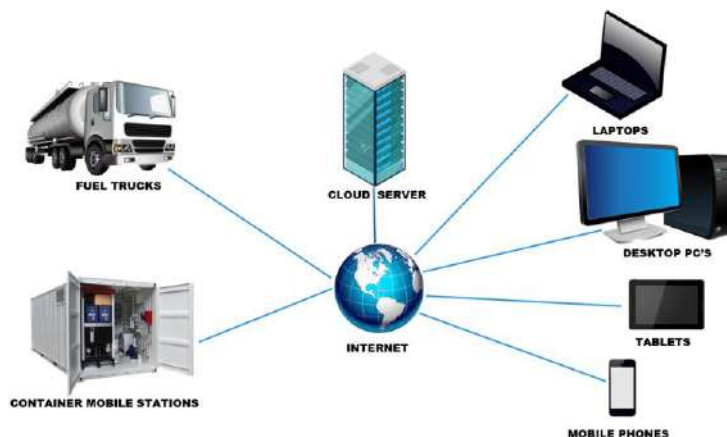


MATRIX Q3 Automation Panel – Card Reader

- ✓ Can be connected to 1 pump + 1 tank stations
- ✓ 4,3" Resistive graphic screen with touch panel
- ✓ 2 x RS485 ports
- ✓ Can read mifare RFID cards and tags (13,56 Mhz)
- ✓ No wiring and panel installation
- ✓ Resistant to daylight, humidity and temperature
- ✓ Access Quantum Cloud Servers with local wifi network
- ✓ Store 500 mifare RFID cards and tags ID's
- ✓ Record all sales and stock datas (even when offline)
- ✓ Send all datas to Quantum Cloud Servers, when online.
- ✓ Easy installation and usage
- ✓ Available for various fuel pump brands
- ✓ Optional GSM/GPRS module for lack of wi-fi conditions



Several fuel trucks or mobile gas stations, can be monitored from computers and mobile devices via **Quantum Cloud Servers** for 365 days 24 hours.







Sample System Features

General Specifications

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.

Technical Specifications:

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
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)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

MobilBasic Outdoor Cylinder Open Type Mobile Fuel Solutions



MobilBasic Outdoor Models	Type	Explanation
SMO-05	Mobile Fuel Station	Mobile 5.000 Lt.
SMO-10	Mobile Fuel Station	Mobile 10.000 Lt.
SMO-15	Mobile Fuel Station	Mobile 15.000 Lt.
SMO-20	Mobile Fuel Station	Mobile 20.000Lt
SMO-25	Mobile Fuel Station	Mobile 25.000 Lt.
SMO-30	Mobile Fuel Station	Mobile 30.000 Lt.
SMO-40	Mobile Fuel Station	Mobile 40.000 Lt.
SMO-50	Mobile Fuel Station	Mobile 50.000.Lt

General Specifications

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Construction Sites,

Mining Industry,

Fuel supply for large fleets and in-house refueling sites (big corporations, transportation companies, etc.),

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MobilBowser

Road Type Mobile Solutions



MobilBowser Models	Type	Explanation
SMB-10-S/T	Mobile Fuel Station	Mobil Bowser, Single/Twin Axle 1m3 Tank
SMB-20-S/T	Mobile Fuel Station	Mobil Bowser, Single/Twin Axle 2m3 Tank
SMB-30-S/T	Mobile Fuel Station	Mobil Bowser, Single/Twin Axle 3m3 Tank
SMB-50-S/T	Mobile Fuel Station	Mobil Bowser, Single/Twin Axle 5m3 Tank
SMB-100-S/T	Mobile Fuel Station	Mobil Bowser, Single/Twin Axle 10m3 Tank
SMB-150-S/T	Mobile Fuel Station	Mobil Bowser, Single/Twin Axle 15m3 Tank

General Specifications

Standard specification

- Fully baffled and pressure tested inner tank
- Tough, fully galvanised tubular steel chassis
- Lockable cabinet to protect fuel dispensing equipment and inlets/outlets to the tank
- High speed axles for improved stability
- Fully sealed magnetic drive tank contents gauge
- GPI alloy bodied hand pump with a maximum flow rate of 95 litres/min
- Fuel filter with replaceable element and water drain point
- Large 5 stud braked hubs for long service life
- Fitted with automatic breather and pressure relief valve
- High performance Radial tyres give excellent stability
- Tough galvanised mudguards and lighting board

Product information

Built in accordance with the ADR fuel transportation regulations and with full U.N. certification, the 1000 and 2000 litre highway bowzers provide an ideal solution for transporting fuel on the highway. The fully banded tank is constructed from steel throughout and is seated on a tough galvanised tubular steel chassis. Highway specific features include handbrake and hydraulically damped overrun braked hitch, with mudguards, lights and high speed specification axles and tyres. The inner tank features a baffled design to ensure the tank is stable when on the road. The delivery equipment and inlets/outlets to the inner tank are housed in a secure, lockable cabinet at the rear of the tank. For use with diesel and gas oil.

Transportation of Systems



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





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