



MOBILE PETROLEUM STATIONS

■ *applicable in:*

rural areas, construction sites, mining areas, company garages, short term contract based businesses.

■ *suitable for:*

diesel, biodiesel, petroleum and kerosene

■ *stations for:*

fuel supply of trucks, motor vehicles, construction machinery, mining vehicles, etc.

ABOUT US



Yilmaz company limited was formed in early 2000s under Turkish entrepreneurs. With its main headquarters in Nairobi, Kenya, the company undertakes the advancement of petroleum in the region.

The company undertakes the design, manufacture and transport of mobile stations for clients who are spread out all over the east african region.

The development of a mobile petroleum station begins at the introduction phase with an interested client. plans are made with focus being on the requirements specified by a client.

Once the designs are made on paper, an agreement is made with the client mainly in terms of payment and method of delivery. From then, we undertake the manufacture of the specified design.



Our mobile stations are unique, developed under a short period of time and suitable for short period based kind of businesses. They are manufactured in Turkey under international standards and shipped to the country to the client premises.

In addition, they are fully automated with tank and pump automation. They are ready to use once installed at the client premises. Automation has been one of the most advanced features in the growth of the industry with the upgrade in technology.



mobile stations at the manufacturing stages.



VARIETY OF DESIGNS

Various designs of mobile stations shown below:



features of a mobile station

Size: Sizes of stations



mobile stations come in both 20 and 40 foot containers

Build: External structure



Each station has its exterior container built with 3mm steel quality of 235. This ensures protection from any sort of external influence – ranging from pressure to malicious damage via objects.

Build: Internal storage tank



A storage tank with a capacity of 20,000 litres is installed with every 20 foot station. the tank is built with 5mm steel quality of 235. this ensures that there is protection against leak detection.

features of a mobile station

Build: Petroleum pumps



Each station comes with 2 Unit Suction Type Petroleum Pumps (45 Lt/min), Mekser Brand Model M311 or 1 Sumbersible Pump and 2 unit of Mekser M311 D Dispenser Pumps

Build: lighting



Lighting is provided for every room as well as 4 LED lights for external purposes.

Build: safety



Fire extinguisher installed and all earthing equipments working and in good condition in the station.

features of a mobile station

Safety: leak detection



Each station has an automated leak detection system installed. This system gives an alarm when a leak is detected.

Control: Electronic panel



Each station has an electronic panel installed to help monitor the fuel sales and levels. A tank gauge system is installed to enable monitoring fuel levels.

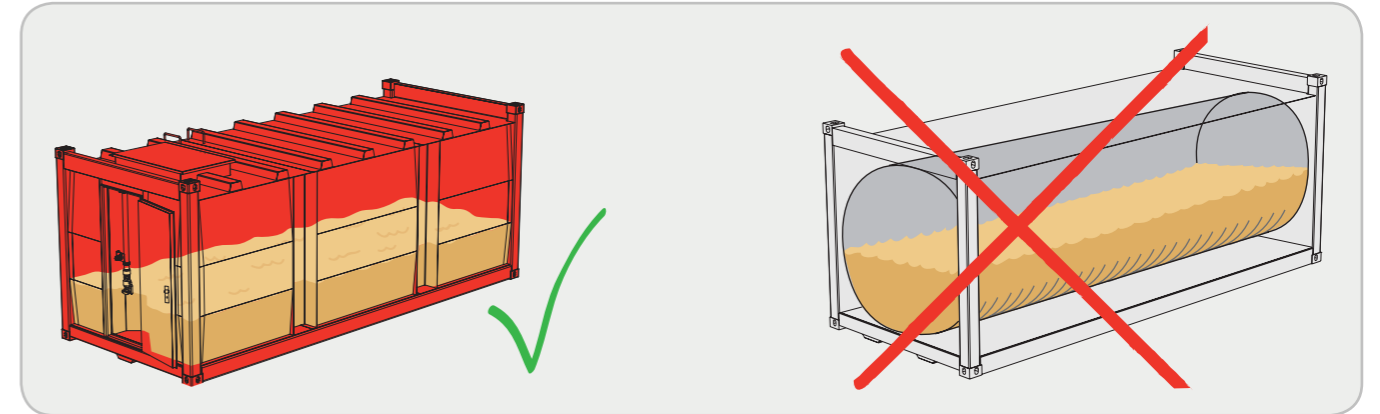
Power: Generator installed



A generator room is installed in the station to enable power continuity in the station throughout the working period. The generator is 10kW capacity.

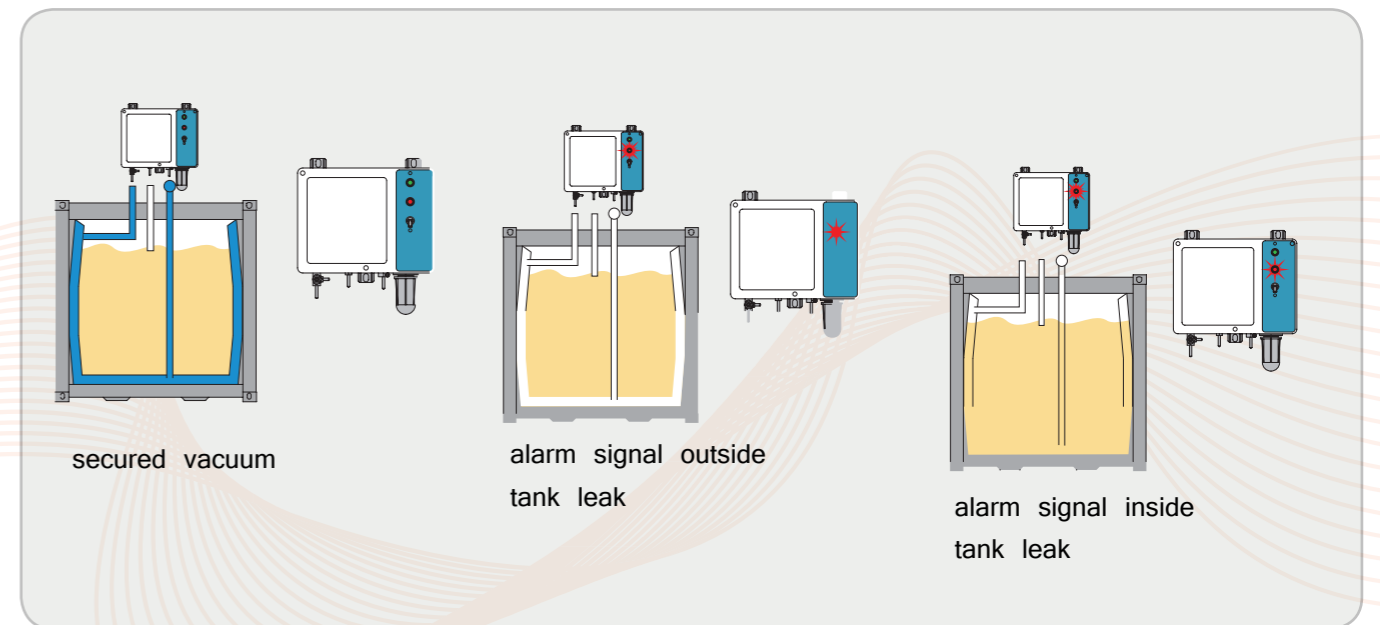
features of a mobile station

Design: space optimized



The containers are designed to utilize the entire volume and ensure that space is filled to capacity. In addition, they are double-walled ensuring safety in the handling of fuel in a mobile station.

Safety: leak detection



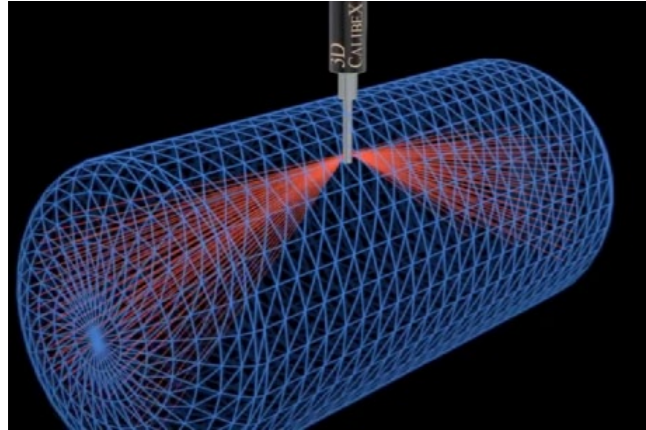
Safety concept for double-wall tanks, prevention of fuel loss through vacuum leak monitoring - vacuum leak indicator, electronic, type LAZ-04/1, the alarm is visible and audible (with potential-free alarm contact), intrinsically safe leak monitoring system

Equipment for double-wall tanks required by the Water Law with existing stationary 230 V and 50 Hz power supply. The leak indicator creates a permanent negative pressure in the control room of the tank and triggers an alarm if the negative pressure drops. The alarm is visible and audible and provided through a potential-free contact. Used for non flammable liquids at temperatures of -5°C to +50°C.

STATION AUTOMATION

Mobile Station Automation is categorized into 2 main focus areas:

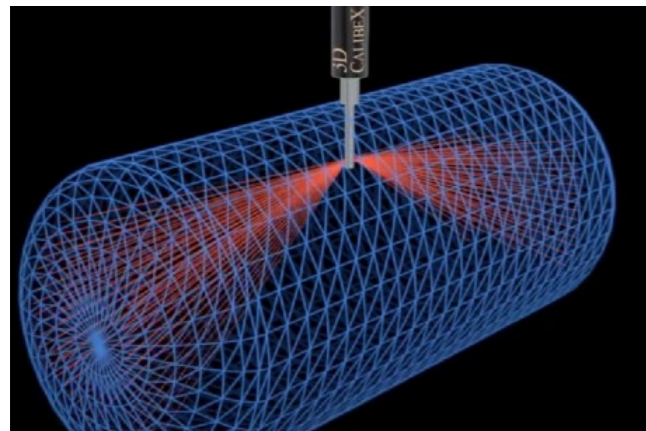
1. Tank Automation



Today, state-of-the-art tank automation means more than simply monitoring and controlling filling levels, pumping performance, energy consumption or motor data.

The vast diversity of fuels, lubricants and chemical products calls for intelligent solutions that make sure current market demands can be met in shortest time. At the same time, product quality is absolutely essential.

2. Pump Automation



Automation of pumps gives oil companies accurate data on sales and control over any adulteration. The petrol pump is one of the next scenes for automation in the coming future.

Yilmaz Company provides pump automation for clients based on their requirements.

APPLICATION AREAS

Mobile stations are applicable in wide areas such as:

1. Rural Areas



Rural areas where the capital required to set up a permanent petrol station is high, a mobile station is efficient. Such an area may be having uneven topography, hilly or may be in a region without a large population.

The most efficient solution would be a mobile station since in the event that owners desire to vacate an area, a truck will carry the station to another area.

2. Company Garages



Companies that own fleets of trucks may find it difficult to fuel the same while at different localities. In such a case, a mobile station installed in the company garage enables them to lower their transport cost and centralize their costs in an efficient manner.

3. Matatu Sacco Yards



Matatus are organised in Saccos, some of which have thousands of vehicles. By investing in a mobile station, sacco managers are able to manage fuel consumption for their vehicles and as well, have ownership of a centrally located fueling yard.

OUR WORK

Over the years, we have worked with various stakeholders in the petroleum industry in the region.

e.g. Hass Somalia, Engen Kenya among others.

custom designs of mobile stations based on user preference.



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