Besol

CONTAINER
FUEL STATION

FOR
WHOM?

Container fuel stations allow to refuel both **passenger cars and trucks, agricultural machinery, motor boats, yachts, helicopters and planes**. They are designed and manufactured to ensure storing and distributing fuels in accordance with ecological standards, while eliminating the potentially negative impact on the environment

TANK TECHNICAL SPECIFICATION

general information	• preparation of the outer and internal surfaces by blasting to grade Sa 2.5 acc. to PN-EN ISO 12944-2 • adaptation of the tank to the wet, dry, vacuum or overpressure method of leakage detection system • pipes made of stainless steel AI304
standard	produced in accordance with EN 12285-2 or DIN 6616
construction	horizontal, cylindrical tank in container construction
material	certified carbon steel S235JRG2
number of chambers	1 - 6
capacity (m^3)	10 m^3 - 80 m^3
diameter (mm)	1600 mm - 2800 mm
wall's structure	double-wall
work temperature	from -20°C to +50°C
external coating	epoxy paint C3 class in acc. PN-EN ISO 12944-2
internal coating	specialized paint coatings resistant to the properties of stored substances
designation	• storage of liquid fuels (e.g. gasoline, diesel, synthetic fuels, biodiesel) and other liquid substances (e.g. washer fluid) • adaptable to the storage of AdBlue • adaptable to the storage of aviation fuel

CONTAINER TECHNICAL SPECIFICATION

- Structure with sheathing of sandwich panels or trapezoidal plates
- Platform for a dispenser
- Roof over a platform with LED EX
- The roof of the container is covered with a waterproof anti-skid membrane
- Technical room with space for a computer, electrical switchboard and other accessories
- Electrical switchboard
- Staff room
- Upper lighting in staff and technical rooms

ADDITIONAL CONTAINER CUSTOMIZATION OPTIONS

- LED lighting of the upper outline of a container
- Side LED lighting
- Possibility of extending the container with a shop module
- Possibility of covering the distribution platform with a tempered glass
- Possibility of covering a distribution platform with steel plate, with access to the distributor closed by external roller doors
- Adaptation of a tank for storage and distribution of aviation fuels
- Adaptation of a chamber for storage of AdBlue (application of an internal heater, external insulation of a tank and pipeline, and application of heating cables on a pipeline)
- Preparation of a niche for a compressor
- Roller measurment dipstick
- Instalation of a dispenser
- Installation of a payment terminal and price sign
- Installation of a price sign on a roof of container
- Adjustment of a container for solar panel application
- Application of graphics on external panels in accordance with submitted requirement (logo, company's name, etc.)

DESIGNATION
OF CONTAINER STATION

Container fuel station is a comprehensive, modern, easy-to-use product that can be applied, among others in the following areas:

- as a self-service, easy to install, mobile fuel station
- as a fuel station for watercrafts increasing ecological safety,
- as a fuel station for a machine park and fleet, among others by truck transport companies, passenger transport, individual farmers or railways,
- as a mobile fuel distribution point for vehicles servicing investments related to the construction of road infrastructure (construction of roads and highways),
- as a fuel station for small and medium-sized airports, including private airports

STANDARD TANK'S
EQUIPMENT

- Suction pipe DN 25 - 50 with mechanical or electromagnetical anti-siphon valve
- Filling pipe DN 50 - 100 with overfill prevention valve DN 50 and Camlock
- Venting pipe DN 50 with venting valve with flame arrester
- Vapor return pipe DN 15 - 25 from dyspenser to the gasoline chamber, optional to diesel chamber
- Vapor return pipe DN 80 or DN 100 form the filling truck to gasoline chamber, ended with quick connector with flame arrester.
- Socket for manual measurement DN 50 ended with camlock quick connector
- Socket for automatic measurement DN 50 - DN 100 ended with internal thread (muff)
- Reserve socket DN 50 - 100 (muff)