



**Alinz Buying House**



## **ALINZ BUYING HOUSE**

**Introduces**

### **PORTABLE PETROL PUMPS IN INDIA**

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[www.portablepetrolpump.com](http://www.portablepetrolpump.com)



## *Technology base ( Czech Republic ) (Petrocard )*

- ❖ *Tank Capacity . 9,975 Litres To 35,000 Litres*
- ❖ *Fuels ..... Petrol / Diesel / Kerosine / LPG*
- ❖ *Electricity ... 220v .. Inbuilt Power back up..*  
*(so, can work un interrupt even there is no electricity available)*
- ❖ *Can be moved & installed within 2 hour time*
- ❖ *Can be used with or without operator*
- ❖ *Camera, GPRS system, satellite internet communications.*
- ❖ *Health, safety, environment, fire protection (all taken best care)*
- ❖ *Any type of credit /debit cards, Electro vallet can be used*
- ❖ *One container can be used to dispense one to three fuels at a time with two or many dispensers .*
- ❖ *Adulterations, manipulations in quantity can be controlled.*

## *Where it is best Needed ...*

- ❖ *Tourism Destinations (Specially Hill Areas)*
- ❖ *Agriculture Areas (Peak Crop Seasons)*
- ❖ *Rural Areas (shifting basis)*
- ❖ *Urban Areas (Land cost is very High)*
- ❖ *New Developing Infrastructure projects*
- ❖ *New Developing Residential / Commercial / Special Economic Zones*
- ❖ *New Developing Highways*
- ❖ *Floods and Natural Disasters*
- ❖ *Indian Railways and Deffence Purpose*
- ❖ *Sea Beaches, ports and Inside sea areas*



## *Portable Petrol Pump with Roofing and Flooring*





## 1. PetroCard Czech s.r.o.

### 1.1 Foreword

We highly appreciate your willingness to familiarize yourselves with advanced Czech product. In following text you will receive detailed information on its purpose, capabilities, advantage and design. We would like to convince you that this product is unique in many ways and it represents prospective approach to dispensing and sale of fuel. We believe that our information will help you to decide properly about your investment to automatic liquid dispensing machine, self-service filling station.

### 1.2 About company

PETROCard Czech Ltd. Comapany was established in 1993. The main focus of the company is the production and assembly of AVK Automatic Fuel Dispensing Machine designed according to our own new patented technical solutions. The AVK are made to order and at costumer's request and needs.

The product is protected by European Patent No. EP 1848657. PETROCard Czech Ltd. is, under the agreement concluded with the owner of this patent, entitled to exercise the right arising from the patent for their development, production, operational and commercial activities.



## 2.. Technical specification of AVK

AVK Automatic Fuel Dispensing Machine is a modern device for self-service dispensing of various types of fuel and other liquids. Specially designer container of AVK forms a compact unit that consists of following part providing its operation.

### 2.1 Operational tank

he AVK special container is manufactured in three dimensional and l've volumetric variants (Tab. 3.1). he operational tank is integral technological part of AVK as mentioned in CSN 65 0201 standard. he size of operation tank is determined by their structure. he operational tanks are either built-in (embedded) or integral. In both cases tha tank can be divided and adapted for dispensing of two oil products. here are access holes for inspection and service in the container. Operation tanks are calibrated and equipped with level meter (see chapter 2.4)

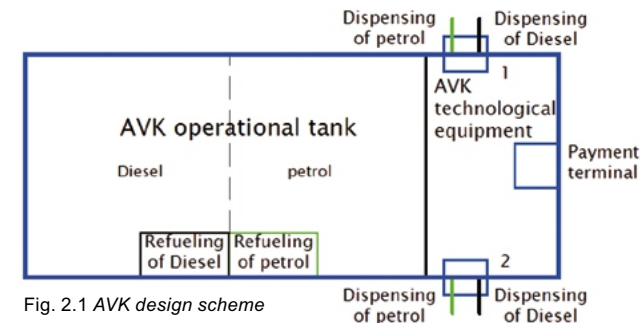


Fig. 2.1 AVK design scheme

### 2.1.1 Description of the operational tanks implementation

Built-in double shell operational tank is inserted into special container. So that, there is the space between outer wall of the container (third shell) and operational tank for visual inspection and safe operation. his space also serves as the emergency sump (according to CSN 65 0201 standard).

integral tank form an integral part of the basic container. It is of double-shell, locally triple-shell design. his design exceeds the requirements of CSN 65 0201 standard. Integral tank enables larger volumes of the fuel while retaining the most important parameter, operational safety.

## 2.2 Hydraulic refueling unit

AVK is standard equipped with refueling suction pump with the low of up to 5001/min. For refueling of the petrol vapour recovery system is added. Refueling is performed based on authorization by supplier's card (refueling pump is activated). Connection ports are fitted with non-return valve and as AVK is equipped with suction pumps, there is no spillage of fuel after refueling.



Fig. 2.2 Refueling ports of diesel fuel (left) and petrol incl. vapour recovery (right)

## 2.3 Dispensing unit

The fuel dispensing is provided with dispensing unit fitted in the container. AVK is certified as dispenser with the possibility of double-sided fuel (petrol and diesel fuel) dispensing. Operational tank can be divided for two oil products dispensing. We use proven dispensing device enabling the fuel flow of 40 l/min, 80 l/min and 120 l/min. the dispenser is equipped with ATC temperature compensation (conversion to a reference value of 15°C) which gives the operator maximal fuel inventory control. More on overall fuel control can be found in Chapter 1.4



Fig. 2.3 AVK dispenser design (left) and metrological label (right)

## 2.4 Measurement of fuel level in the tank

For complete overview of their condition, the tanks are calibrated and equipped with measuring device capturing the current fuel level. Current fuel volume at a given temperature and at reference value of 15°C is displayed. Overall warehousing is thus guaranteed. The condition at refueling (intake), filling (issuing) as well as actual residue in tanks is monitored.

All the values are recounted to reference value. Actual data are then transmitted by control unit to registration system (see Chapter 2.5) and are always available to the operator. To check the current status the tank volume can be measured manually by a calibrated rod.

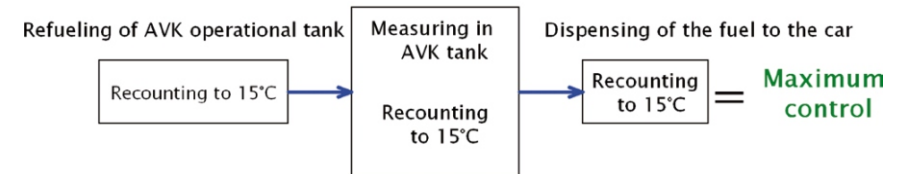


Fig. 2.4 Warehousing control of AVK by means of recounting to reference temperature of 15 °C

## 2.5 Control and transfer unit

A special electronic system was developed for control and safety management of whole AVK. It controls AVK functions. A list of most important functions.

- Fuel dispensing management
- Refueling incl. signalization and overfill protection,
- Fuel level measuring,
- APU start up.
- Safety elements management and evaluation,
- Lightning control,
- Data transfer between AVK installation, without internet connection, there is a possibility to download only date of fuel dispensing by laptop or external device.
- Other function according to customer's requirements.

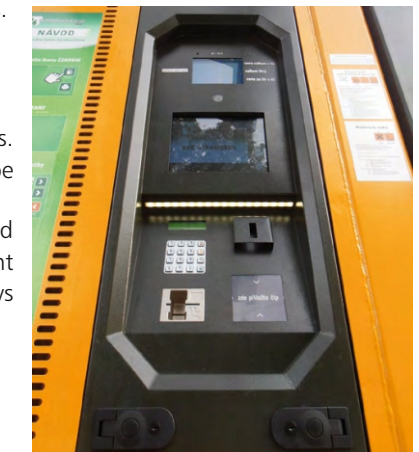


Fig. 2.5 View of self-service payment terminal (left) and touchscreen (right)

## 2.6 Payment terminal

Automatic dispenser consists of three main user parts. More on authorization of the lining and payments can be found in Chapter 10.

In the public service, the terminal is standardly equipped with recording camera which responds to the movement in the area of the terminal. Its records are stored for 30 days at the minimum.



- Monitor with touchscreen services for main automatic dispenser control, for displaying of registration status, for presentation of videos and for selection of required functions. Icons on the screen may vary with regard to the current version control software.
- Control panel with bank terminal and the space for contactless sensing of local cards, Bank cards sensor serves as the sensor of magnetic local cards. The keyboard with display enables to enter PIN Code. Contactless cards sensor area is intended for capture of radio-frequency local cards.
- Receipt slot.



Fig. 2.6 APU and its extinguisher are protected with the grilles

Terminal of in-house version of AVK can be of simpler design.

## 2.7 Power supply

AVK is powered from a single-phase 230V/50Hz electricity grid which enables its deployment any where LV electricity grid is accessible. AVK is certified product which engages the plug into the socket external cabinet. AVK is equipped with auxiliary power unit (APU) activated automatically during blackouts.

After the electricity supply is restored, AVK is automatically switched to power supply from electrical grid. APU starter battery is recharged and APU is stopped. Thus the maximal operational reliability is achieved. APU has its own fuel tank. Its location space is protected by grilles.

## 3. Dimension and parameters

AVK can be supplied in five basic dimensional and volumetric variants, all in accordance with ISO 668.[7]

Type	operational volume (l)	ISo	Dimensions (mm)	Dispensing speed (l/min)
AVK 5	5200	1D	2991 x 2438 x 2438	40-80
AVK 9	9000			
AVK 10	9975	1CC	6058 x 2438 x 2591	40-120
AVK 21	21830			
AVK 36	36100	1BB	9125 x 2438 x 2591	

Tab. 3.1 Basic parameters

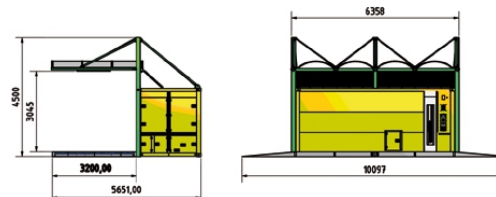


Fig. 3.1 Possible design of AVK (1CC) for the cars, incl. dimensions

## 4. Accessories

### 4.1 Handling Platform

Access and handling platform (for drip tray, access way) equipped with integral filtration system catches potential oil spills during the handling of the fuel.

We can offer our own patented solution of handling platform as an alternative to CSN 65 0202 requirement. This solution is approved by FTZU Ostrava-Radvanice. Its main advantage consists in the fact that there is no need for building interventions in the subsoil. The platform is demountable and can be transported along with AVK to a new place of installation. Oil filters are used in both the above mentioned cases (See Chapter 7.2). Classic solution with handling platform sloped to underground catch pit, volum of 5 m3 according to CSN 65 0202 can be used too.



Fig. 4.1 Handling platform for the cars

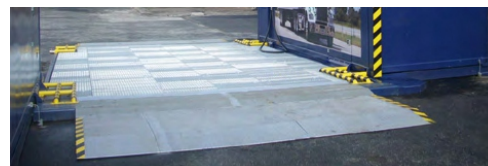


Fig. 4.2 Handling platform for trucks

### 4.2 Roofing

The roofing of handling platform as well as the dispensing place is optional accessory of AVK intended primarily for heat protection of technological elements (prevention of explosive vapours formation) and prevents from the impact of UV radiation. It increases customer's comfort and complies with the provision of CSN 65 0201 a CSN 65 0202 standards. It also prevents ingress of rainwater into handling platform. The roofing can be equipped with lighting controlled by automatic light sensor. Cost saving LED tubes are used. The roofing is strong enough to keep the mass of snow or rainwater, its design enables to mount attic or LED screens. AVK together with roofing is certified as product - setup(see Annex no.1)



### 4.3 Camera System

AVK can be equipped with camera for monitoring of surrounding. On-line data transfer can be used in case of sufficient throughput of chosen data connection. Data storage is directly in AVK, the line not be burden permanently

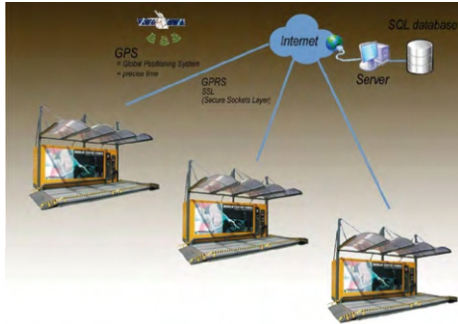


Fig. 4.3 AVK network interconnection scheme

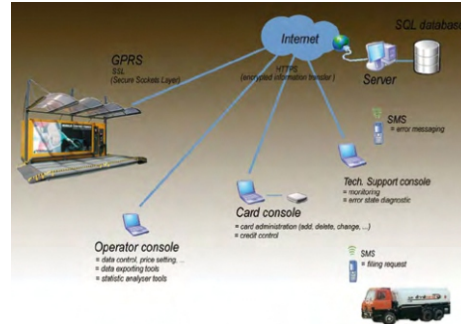


Fig. 4.4 the scheme of data transfer between AVK and the centre

### 4.4 Surveillance system

Surveillance system (see the chapter 2.5) depends on the mode of AVK operation (public or non-public) and can be divided into 2 modules. It is standardly accessible via web Browser from any place of the world. On customer's wish SW and HW in recommended configuration can be supplied.

#### 4.4.1 Registration system

It provides management and registration of fuel dispensing. This system can be for non-public filling stations (local cards only) as well as for public filling stations, where bank transaction registration system is added.

The system further enables;

- to generate overviews of dispensing,
- to introduce new customers, to assign discounts,
- to block the cards, to set the limits,
- to create the data for invoicing,
- to change the prices of fuel,
- to display actual residues of fuel in operational tanks,
- to record fuel deliveries,
- other, according to operator's wish.

### 4.4.2 Monitoring of operating conditions

- tightness of the tanks,
- explosion limits exceeding,
- max, level of the fuel in tanks exceeding,
- breaker failure,
- condition of tank shell interstice,
- Power failure and restoration,
- Payment terminal condition,
- Other, according to operator's wish.

### 4.5 Price Totem

AVK can be supplemented by price totem the prices to be displayed. Not only the price, but also time, temperature and advertisement can be displayed there. Totem can be supplied in single sided and double sided design.



Fig. 4.5 One of price totem designs showed

## 5. Operational Safety

### 5.1 Certification of the product

Operational safety of AVK its compliance with EU regulations and standards was comprehensive assessed by Physical Technical Testing institute in Czech Republic dealing with devices used in potentially explosive atmospheres. (NB 1026) This state testing institute is accredited for whole EU and their decisions are highly recognized in EU and respect in most parts of the world. FTZU tested our product for one and half year period and assessed it in view of safety and compliance with applicable Czech and EU regulations.

Based on these tests the portable dispensing machine AVK was certified as a whole in compliance with applicable law (Act No. 22/1997, Coll. Technical requirements for products, EU Directive No. 94/9/EC) and EC Certificate No. FTZU 05 ATEX 0235 was issued (See Annex1).

CE marketing means that the product fulfills technical requirements set by applicable a government regulations.

AVK is metrologically attested as fuel dispenser and EU certificate No. 11-022 MI-005 was Issued by Slovenska legaina metrologia , n.o. this certificate is valid not only within EU but also in certain regions of the world (see Annex no.2)

## 5. Possible Application

- Areas with a low density of conventional filling station, villages, resort areas,
- River and sea ports, construction sites and freight yards,
- Railways,
- Logistic Centers,
- State administration and local government for handling crisis situations (areas effected by catastrophes, floods or war conflicts),
- Security forces - the army and police (fuel supply in crisis areas),
- Factory filling stations
- Improvement of services in recreational facilities.

### 5.1 Public Service of AVK - filling stations

AVK Portable dispensing machine is advanced product intended for dispensing and sale of various types of fuel. It is the only one fueling requirements of the Act No. 311/2006 Coll. for filling stations while being not a building. Whole product is certified as unnamed. As it is not a working place, the deliveries of drinking water is not required and sanitary facilities are not necessary.

So called different technical solution can be used in AVK operation for disposal of polluted waste water. It is not necessary to use underground catch pits (Volume of 5m<sup>3</sup>), which are mendatory for classic filling stations (buildings). Details can be found in Chapter 4 and 7.2.

Preparation and realization of projects as well as operation of AVK are thus much easier.

### 5.2 Non-public dispensing

If the fuel is dispensed only for own use, AVK is classified as operational tank placed in operation, not as filling station. [3] Terms of installation are not so strong in this case.



Fig. 5.1 Visualization of AVK design for public service, incl. roofing and handling platform, one-sided dispensing of one type of fuel

Local regulations and standards must be adhered to. The most important information is that AVK is certified as a product according to EU directive [1].



Fig. 5.2 AVK in non-public service, Slovakia (2011)

## 6. Operational Safety

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## 7. Safety elements

### 7.1 Fire protection and ventilation system

Inner space of AVK is protected by FIRE Jack® automatic extinguishing system approved by Ministry of Interior. This solution is in compliance with requirements of the Act and there is no need to solve the question of driving distance of fire brigades. Ventilation and heating system keeps appropriate environment in the departments of electronics and hydraulics. Operation of AVK cannot be influenced by changes in climatic phenomena. Detected Extinguishing system is activated in case of emergency independently on AVK operational status or on power supply. It is initiated depending on temperature.

## 7.2 Capture of oil substances

Access and handling platform (see the chapter 4.1) equipped with integral purifier catches possible spills during dispensing of fuel. We can offer our own solution of handling platform as an alternative to requirement of CSN 65 0202 standard.

This solution is approved by FTZU Ostrava Radvanice. Other variant is building design of handling platform. Oil filter are used in both cases.

Filtration is ensued by the blocks of two-stage low filters located in platform walls. Filters on basis of CHEZACARB® show high affinity to oil substances. The condition of filters is continuously monitored by the sensor. When decrease of effectiveness of 1st stage filtration is detected, service centre is immediately informed and asked to organize change of filter cartridges.

CHEZACARB® sorbents are shaped carbon particles, balls, diameter of 5- 0,25 mm. they eliminate carbons dissolved in water, pesticides and other substances. The efficiency of purifying process is higher than 99.9% Purified water can be, according to manufacturer's protocol, returned to production process or released into streams. Disabled sorbents are disposed by incineration.

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Access and handling platform (see the chapter 4.1) equipped with integral purifier catches possible spills during dispensing of fuel. We can offer our own solution of handling platform as an alternative

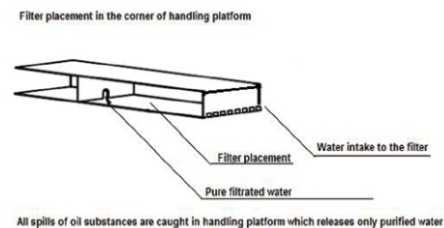


Fig. 7.1 Process of oil spills catching



Fig. 7.2 Sensor for detection of liquids

to requirement of CSN 65 0202 standard.

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## 7.2.1 Process of the capture

in case oil substances appeared behind the 1st stage of filtration, the sensor will send the message on this status to the control and transmission unit of AVK. Operator is thus warned of necessity to change the 1st filter. here is no danger of oil spills. after decrease of the 1st filter efficiency, as oil substances are caught on the 2nd filter. The first filter is removed and the second one is moved to its place. New filter is inserted in vacant place after the second one. Economical use of the filters is achieved and effective two-stage filtration is maintained.

## 7.2.2 Detection of oil spills

DENO-K is certified opto-sensoric system for contact detection of liquids presence in AVK. DENO-K detects spills of oil substances in container interior. DENO-K detects oil spills caught in handling platform. The product is mandatory labeled CE and EX II (1) G.

## 8. Protection of environment

Inner space of the container is continuously monitored by liquid spills sensors and sensors of dangerous concentration of combustible liquids vapours. In case of liquid spill, signal is sent from sensors to the operational centre or to service centre and AVK is disconnected automatically. Transport vehicles approach access/handling platform (where they are standing fuel dispensing) using oblique raids. here is two-stage oil substances filtration system in the platform. The condition of filtration is remotely monitored (refer to section 7.2.1) Access/handling platform is a new technical solution fulfilling the function of collecting sump in compliance with appropriate regulations (Act No. 311/2006 Coll.) The customers are protected by roofing as well as AVK walls can be used for information and advertising purposes.



## 8.1 Air protection

AVK is certified as a whole (see Chapter 6.1). It has its own propulsion, by gas-engine. It is classified as mobile source of pollution. Installation in low-emission zones must be consulted with relevant local authorities.

## 8.2 Environment impact

AVK from the early beginning designed with emphasis maximal possible operational safety and protection of environment. This properties were demonstrated during demanding product certification. In specially processed expert evidence was found:

- The product does not require permanent conquest of agricultural land.
- The product does not require water sources and water supply, its impact on water sources and water in general is minimized.
- The product has minimized impact on air. It is due to extraction and two-stage carbon vapor recovery and the use of automatically blocked dispensers and other technical means minimizing escape of VOC to atmosphere. Moreover, AVK is classified as a mobile source of pollution.
- The product has no impact on the landscape and its character, does not harm architectonic or archeological monuments. AVK design enables various surface treatments so that the product its perfectly into the new environment. It can be changed after AVK is moved to other place.

## 9. The conditions for AVK installation

The conditions depends on applicable law in the country where AVK will be operated.

### 9.1 The product

AVK is certified product, not a building. More information can be found in Appendices No. 1. It is recommended to prepare project documentation according to requirements for operation permit in compliance with applicable law.

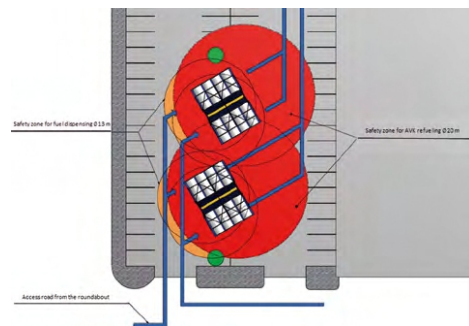


Fig. 9.1 he plot of AVK location sample

## 9.2 Safety and stand of distances

Stand of from AVK for the dispenser according to Article 7.1.5. CSN 65 0202 is 6,5 m from dispenser axis. for filling stand of combustible liquids, it is necessary to stop traffic during filling in the distance of 10m from the edge of access/ handling platform. It can be done by road sign. in accordance with Article 7.3.11. CSN 65 0202, dispensers must be located more than 5 m form drains, equatic lows and underground objects. In these spaces no other object with fire faces (windows, doors) can be found.

## 9.3 Parameters of the surface

AVK has to be placed on a hard and reinforced surface with the following characteristics:

## 9.4 Networks connection

### 9.4.1 Parameters of power supply

AVK is equipped with its own source of electricity, the generator (see chapter 2.7). It is designed for power supply from phase distribution, which makes its connection and installation easier. It is not necessary to build three-phase distribution.

The protection against electricity has to be in accordance with EN CSN 332000-4-41, st. 4213.1.3 Current system: 1N + PE AC 50Hz 230 V TN -S Protection against electrical currency is, according to CSN 332000-4-41, Article 413.1.3 by automatic disconnection of supply. It is increased by interconnecting and by RCD. Revision report must be attached. STOP button in a place of connection.

### 9.4.2 Data connection requirements

Stable internet connection is a basic requirement. The most suitable and reliable is operationally proven ADSL. GPRS transmission can be also used (according to customer's requirement, local conditions, bank condition)

possible data connection :

- ADSL technology
- GPRS/3G networks
- Wireless Connection 2,4 Ghz (coding)
- LAN / ETHERNET connection from company network, etc.

## 9.5 Sample location / AVK plot

The plot of AVK sample location on the parking, incl. stand of distance and direction of arrival and departure.

Red circle - stand of distance at filling orange circle - stand of distance from dispensers (see Chapter 9.2).

## 10. Registration of the fuel dispensed and payment for the fuel

### 10.1 Local Cards

The card of fuel supplier serves for identification of three supplier and enables the filling. By this card only the filling module can be open up.

Service card serves for identification of the employee. The access to all systems, service and repairs are made possible to him.

Customer's card enables fuel dispensing like at public filling station, but in self-service cashless mod. This identification local card can be in invoicing or limit version (electronic wallet).

- Electronic wallet serves for the public. It enables identification of the customer, display of financial reserves on the card and the payment. It is issued by the owner (administrator) of AVK which actualize it (recharging, subscription). The customer is accurately informed about remaining amount in electronic wallet.

- Invoicing card is intended for the customer recording only quantity of the fuel dispensed for which the operator issues an invoice.

AVK enables to set in all identification (purchase) card some specific conditions of the purchase (discounted rates for the persons designated by the operator). The range of possibilities for commercial exploitation of AVK is wide.

### 10.2 Bank cards VISA / MASTER

Dispensing of fuel and subsequent bank card payment is a modern, fast and safe way of payment. Process of bank card payment is user friendly and it is carried out in several basic steps by form of pre-authorization.

1. Choice of payment and insertion of bank card
2. Choice of max amount intended for refueling
3. Enter PIN Code
4. Verification of amount and starting of refueling
5. Print of receipt

By use of bank card there is no possibility for refueling without paying.

you will receive appropriate information in separate document where you can find description of refueling by using of bank card and other information (see Annex 5).

## 10.3 Cash Payments

We do not offer cash payments in standard version of AVK from security reasons. If the customer has a good reason for this way of payment, we can offer him bank note receptor.

## 11. Transportation, Installation, Operation and Service of the AVK

The container can be, thanks to its standardized dimensions, transported on the truck with a trailer (without tarp).

### 11.1 AVK transportation

The special AVK container cannot be transported with remaining fuel in the tanks. Maximal allowable volume of fuel in the tank is 450 l. AVK containers are produced under Czech register of shipping monitoring. Transport dimensions are in compliance with ISO 668 standard incl. Handling elements. That's why the relocation of AVK by using of lifting equipment is smooth.

### 11.2 AVK Installation

Tried product in a complete set is transported to a place of installation. AVK is seated on a prepared surface, recovered, earthed. all connected electrical elements are revised. In case of public operation, Czech Metrological Institute employees will perform metrological verification. Metrological seats and labels are placed and AVK can be put into trial operation.



### 11.3 Commissioning

Trial operation is launched after metrological verification. All function and operational statuses are tested. When the trial operation is finished, all the protocols and operation document are handed to the operator.

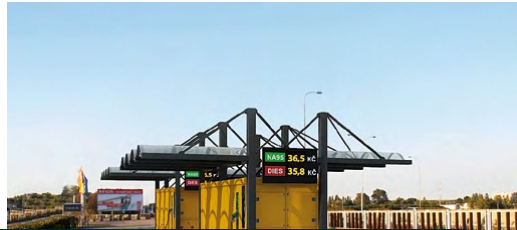
### 11.4 AVK Service

AVK is certified product with 2 year warranty from commissioning. We perform full-scale warranty and customer service. Warranty inspections in 6 and 12 months intervals are performed. Customer service is provided based on a special service agreement. More information can be found in Chapters 14.1 and 14.2.

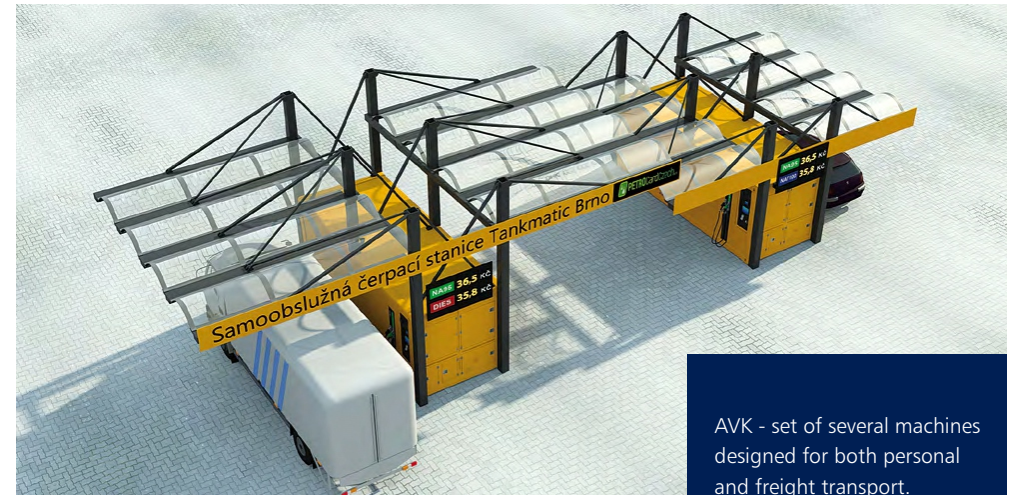
## Variants of AVK



AVK, public fuel station, 2 types of fuel can be refuelled from both sides of the AVK module. Volume of the operational tank is 21 000 l.



AVK, public fuel station, 2 types of fuel can be refuelled from one side of the AVK module. Volume of the operational tank is 21 000 l.



AVK - set of several machines designed for both personal and freight transport.



 Self-service filling station can be also made in other versions



## *Filling Station for Small Vehicles at One side*





## Road Side Model

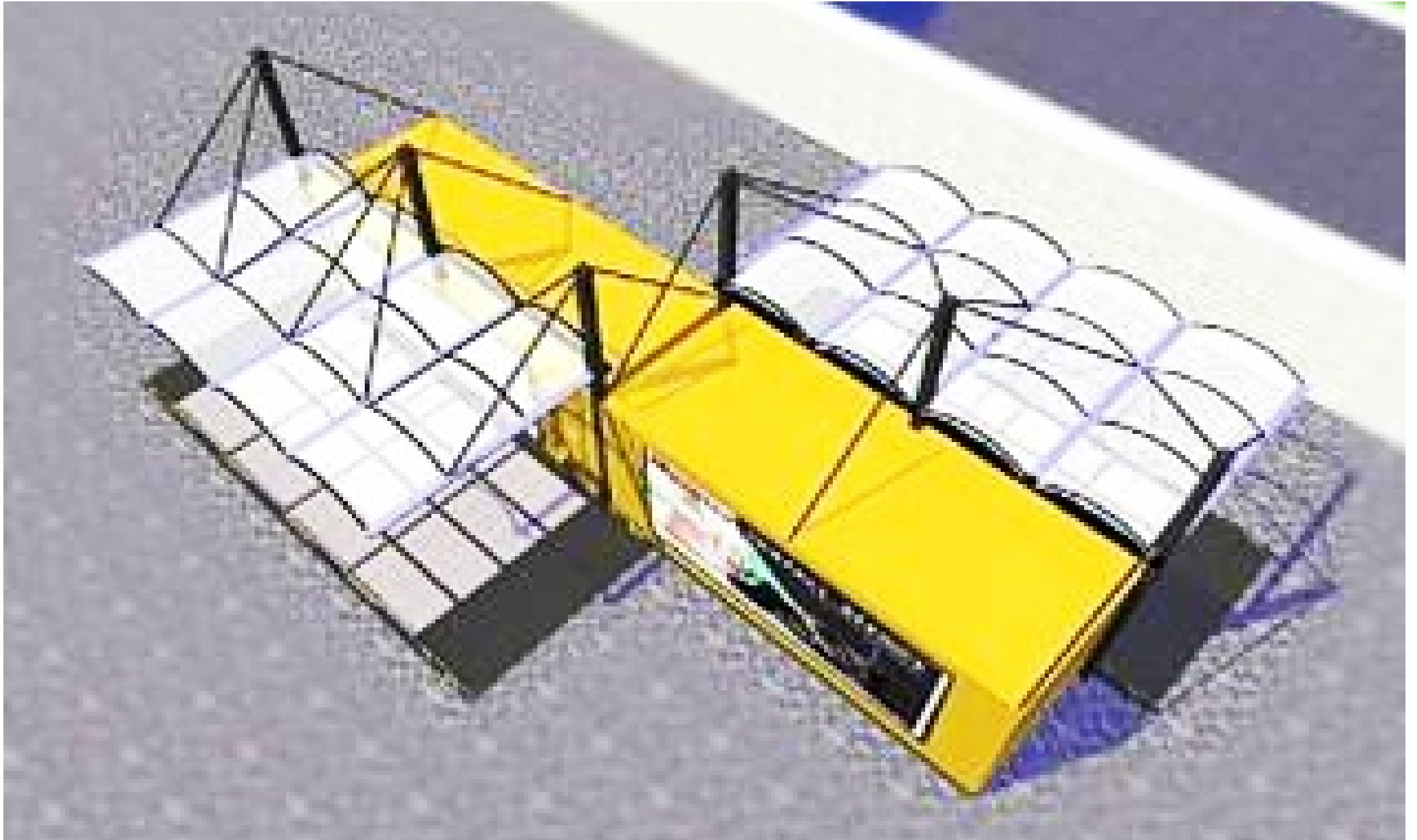




## Road Side Model





















*For multi storage and dispensing*





## *Setups for Eight dispensing Point at a time*







*Model offered for Indian Railways and also can be used for two side road operation*



## Alinz Buying House

- ALINZ , Started their operations in 1994 , as an Electronics based company as ALINZ BUSINESS MACHINES . ( ABM ) .. The main objective of company was to provide best technology products to Indian exporters , who were facing communications problems with their international associates / buyers . ALINZ introduced / distribute best range of Office Automation Products like Fax Machines, Photocopiers, Printers, Epabx systems, CCTV cameras etc . ALINZ Services / Product range created remarkable impressions to their Client networks all over India.. Since then ALINZ keep on adding their Business activities around the Globe.
- After success of Office automation products (Sales / services / Distributions), ALINZ forwarded their step to Global Market of exports and imports as ALINZ BUYING HOUSE in 2005 . Having good exposure to International and National Market, ALINZ Started match making between Indian and International Clients . ALINZ handled products like all type of Textiles , Garments , Handicrafts , Leather Goods , Engineering products , Coir and Rubber products , Ayurvedic and Herbal Products , Home furnishings and Decorative like Bed Covers , Cushions , Bath mats , Towels and many others ..
- ALINZ is working with their best efforts and strength to bring the technology of Portable Petrol Pumps in India . ALINZ has already presented the complete project reports to Ministry of Petroleum ,, Ministry of Indian Railways . , Oil Marketing companies and other approval authorities of India like Department of Legal Metrology , Department of Petroleum and Explosive etc.
- ALINZ is in communication with many Chief Ministers and other authorities of states like UTTAR PRADESH , GUJARAT , RAJASTHAN, MADHYA PRADESH , UTTARAKHAND, CHHATISGARH , PUNJAB , KERELA and Many others where this Technology can be best needed .
- ALINZ has also plans to establish the manufacturing / assembly plant of Portable Petrol Pumps in India with an investment of about Indian Rupees 400 Crores .

## PETROCard

- Company PETROCard Czech s.r.o. was founded in 1993. Company proudly presents portable filling machine „AVK”. AVK is original design based on the worldwide patented technology. AVK is intended for dispensing of liquids and gases.



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