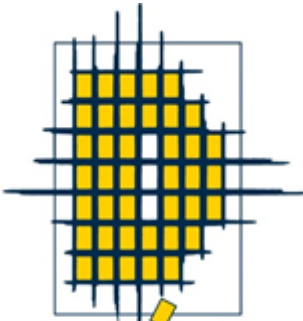




**MOBILE  
SYSTEMS**



**DEVOTRA**  
CONSULTANCY - EQUIPMENT - TRAINING

## COMPANY PROFILE



**MMS Modular and Mobile Systems** presents design, project and productions with the view of renewal to his valued customers. **MMS Modular and Mobile Systems** is a well-established company which offers products, projects and services based on humanitarian aid to international development organizations, NGO's, local governments and private organizations.

More than 20 years of experience on international projects and transactions has given the **MMS Modular and Mobile Systems** a great potential in achieving the objectives of her clients.

**Modular Systems:** Modular homes, offices, emergency homes, ecological homes, cottages, villas, kiosks, cabinets, city toilets, health cabins, clinic, mosque, dormitory, school etc. which are manufactured with advanced panel system technology. Our company also provides demountable kit system solutions and light steel constructions such as warehouses, big sized constructions and so.

**Mobile Systems:** Mobile hospitals, mobile surgery rooms, mobile food/kitchen trailers, mobile bakery, mobile homes, mobile caravans, mobile toilets, mobile sales vehicles, dormitory, mobile promotion vehicles etc. which are manufactured with advanced panel system technology.

Besides, project-based modular and mobile constructions are manufactured.

### Our services ;

We are well known as 'MMS Modular and Mobile Systems' in a short time in modular and mobile systems' field due to our commitment to the quality, technology and design. Essential principles of our company are design, advanced technology and high quality products.



# MOBILE SYSTEMS



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# MOBILE SYSTEMS GENERAL DESCRIPTION



## AREAS OF USE

Standart Mobile Systems is a perfect solution for humanitarian and service purposes with quick access and are mainly used in the fields of health screening, early diagnosis, emergency response, surgery needs, earthquake response, food production, bread production, slaughterhouse, refugee shelters, staff accommodation, WC-shower, administration and technical, security, educational, promotion, sales, Show, exhibition, meeting, social activities and many others.

## GENERAL SPECIFICATIONS

Standart Mobile products are designed, projected and manufactured according to the needs and requests of our clients. Mobile vehicles which are produced by monoblock composite panel technology are; quality, hygienic, strong, heat insulated and has sustainable use. Besides the comfort, Standart Mobile Systems provides maximum strength against all weather conditions. Standart Mobile Systems present products and services in maximum humanitarian conditions.

## TECHNICAL SPECIFICATIONS

### Infrastructure

Custom design ISO 1726 high strength steel chassis  
9 tons load capacity, 2/3 pcs. axle and air suspension  
Sae DIN Norm 94 / 20 / EEC Kingpin  
ABS EBS 98/12 EEC brake system  
76/756 EEC Electrical System  
70/221 EEC rear bumper  
Modular ladder system  
Accessories are available according to requested model.

### Dimensions

Length : 6000 mm / 7200 mm / 8500 mm / 10.500 mm / 12.500 mm / 13.600 mm / 14.500 mm / 15.200 mm optional  
Width : 2000 mm / 2200 mm / 2350 mm / 2450 mm / 2550 mm / 2750 mm / 3000 mm optional  
Height : 2000 mm / 2400 mm / 2600 mm / 2750 mm / 3000 mm optional

## UPPER STRUCTURE

External & internal walls, floor and roof of upper structure are manufactured as; advanced technology GRP coating joins with the insulation material and monoblock composite panels manufactured with vacuum system 1000 kg per m<sup>2</sup> are connected with special assembling system. Monoblock composite panels;

### Internal & External Coating ;

- High Strength
- Hygienic, easy to clean, fungi & mildew & bacteria resistant, stain resistant
- High temperature and chemical resistant, anti-corrosive
- Decorative and hygienic GRP coated from both sides
- Tensile Strength ISO 527-4 / 87-91 N/mm<sup>2</sup>
- Flexural strength ISO 14125 N/mm<sup>2</sup> / 231 - 306
- Tensile modulus ISO 527-4 N/mm<sup>2</sup> 4225-4992
- Water insulation and moisture resistance with low water absorption
- Surface hardness Barcol TS EN 59 barcol 60
- 40 C + 120 C heat-resistant and low thermal conductivity DIN 51046 W / m.K 0,23
- Fire proof classification is DIN 1402 Class B2 in various performances.

### Insulation Specifications

- XPS (DOW)
- Insulation density DIN EN 1602 40-45 kg/m<sup>2</sup>,
- Thermal Conductivity EN 12667/EN 12939 W/mK. 0250 0.025,
- Water absorption EN12087 %0,
- Temperature limit -50 / +75 °C

**Floor load capacity:** 500-750kg /m<sup>2</sup>

**Floor covering:** Different flooring options can be applied according to projects.

**Electrical Installations:** Proper lighting and electric panels can be used.

**Ventilation:** Proper ventilation and air conditioning systems can be used.



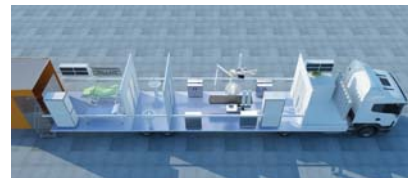
# Mobile Hospital



- Mobile Medical Units has is the perfect solution for medical care in the time of need. Quality and reliability are the main purposes of the mobile units. Mobile Hospital unit has all necessary systems such as external and internal electrical systems, phone & internet systems, heating-cooling & ventilation systems, furniture and medical equipment systems, security alarm systems, generator system, fuel tank, fridge and so.
- Mobile medical trailers are manufactured by insulated and hygienic mono block composite panel system and has resistance for all weather conditions.
- Customs design mobile units are available.
- Trailer design & dimensions and materials meet related ISO, DIN,ASTM standards.



# Mobile Surgery Room



- Mobile Surgery Room has is the perfect solution for medical care in the time of need. Quality and reliability are the main purposes of the mobile units. Mobile Surgery Room unit has all necessary systems such as external and internal electrical systems, phone & internet systems, heating-cooling & ventilation systems, security alarm systems, generator system, fuel tank and other needed ones.
- Mobile surgery room is manufactured by insulated and hygienic mono block composite panel system and has resistance for all weather conditions.
- Customs design mobile units are available.
- Trailer design & dimensions and materials meet related ISO, DIN, ASTM requirements.



# Mobile Kitchen Trailer

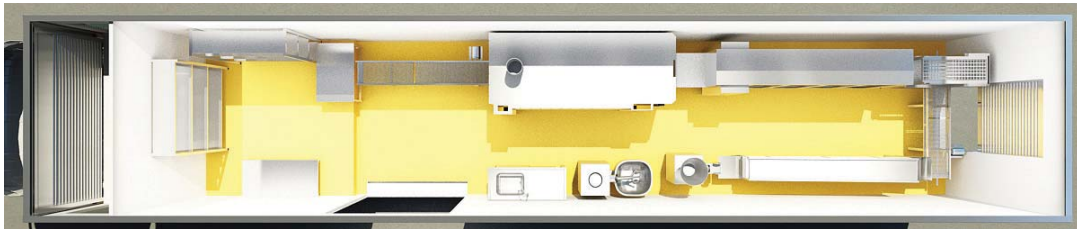


- Mobile food/kitchen trailers are produced with the legislation and instructions which contains maximum health, safety and environmental protection conditions.
- Mobile Food/Kitchen Trailers are manufactured by insulated and hygienic mono block composite panel system and has resistance for all weather conditions.
- Mobile Food/Kitchen Trailers has systems which are easy to use and maintenance such as Internal and external electrical systems (Including generator system), Telecommunication systems, Heating - Cooling and ventilating systems, Cooking systems accordance with needs
- Trailer design & dimensions and materials meet related ISO, DIN, ASTM requirements.





# Mobile Bakery



- Mobile bakery trailers solution for normal and pita bread production. Mobile Bakery is produced using the relevant systems and equipments according to TSE, DIN, EN, ISO and ASTM standards and the legislation and instructions which contains maximum health, safety and environmental protection conditions.
- Mobile Bakery trailers are manufactured by insulated and hygienic mono block composite panel system and has resistance for all weather conditions.
- Mobile Bakery Trailer has systems which are easy to use and maintenance such as Internal and external electrical systems (Including generator system), Heating - Cooling and ventilating systems, Oven systems accordance with needs.



# Mobile Dormitory



- Mobile Dormitory is a perfect solution for accommodation needs. Quality and reliability are the main purposes of the mobile units. Mobile Dormitory unit has all necessary systems such as external and internal electrical systems, phone & internet systems, heating-cooling & ventilation systems, security alarm systems, generator system, fuel tank and other needed ones.

- Mobile dormitory is manufactured by insulated and hygienic mono block composite panel system and has resistance for all weather conditions.

- Customs design mobile units are available.

Trailer design & dimensions and materials meet related ISO, DIN,ASTM requirements.



# Mobile WC



- Modern, hygienic, insulated, custom designed Mobile WC/Shower units are produced using the relevant systems and equipments according to TSE, DIN, EN, ISO and ASTM standards and the legislation and instructions which contains maximum health, safety and environmental protection conditions.



# Special - Purpose Vehicles



# Special - Purpose Vehicles



# Special - Purpose Vehicles



# Mobile Systems Expert

