

# O.M.A.R. TECHNOLOGY S.r.l.

COSTRUZIONE ATTREZZATURE SPECIALI  
SPECIAL EQUIPMENTS CONSTRUCTION



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## **O.M.A.R. TECHNOLOGY**

OFFICES -SAN DONATO MILANESE (MILANO) ITALY

DIRECTOR : OLDANI MATTEO

NATO MANUFACTURER'S CODE: **A 4883**

CERTIFIED : **AQAP-110**      **CLA-Q-110**      **UNI ISO 9001**

### **COMPANY PROFILE**

OMAR. was founded in 1975, for the purpose of transforming industrial vehicles and construction of special vehicle bodies.

In 1982, acting on a specific request made by the Carabinieri 's General Headquarters, the Company realised and built the first truck-draw helicopter transport trailer together with other helicopter transport trailers subsequently sold to the Helicopter Departments of the Italian Armed Forces such as Army, Revenue Guard, Fire Brigade, Coast Guard, Forest Guard, Police Force, AGUSTA S.p.A., Belgian and Spanish Armed Forces, and private customers, up to more than 400 units.

In 1987 on the request made by the Italian Armed Forces Health Department, the Company realised and built the Emergency Field Hospital with Operating Theatre and intensive Care Unit (N.C.E.) in heli-transportable variable volume containers that may be transported, in case of natural disasters when usual road conditions are interrupted, inside of CH 47 helicopters and G 222 aeroplanes or similar ones.

The Heli-transportable Surgical Unit (N.C.E.) allows for the first time operators to use a functional structure with the following characteristics:

- contained dimensions during transport and enlarged volume during operative use
- full autonomy
- provided with complete sanitary and supporting equipment already pre-assembled inside of containers
- transportable by any means
- easy and fast assembly through simple operations becoming operative within 45/50 minutes.

From good results and experience through Mission in Turkey, Somalia, Mozambique, Bosnia, Albania, with the Italian Armed Forces during NATO operations, the OMAR TECHNOLOGY can offer a reliable and functional product which has been tested and strictly complies with the current standards and regulations for hospital use.

Moreover, in order to put at operators' disposal variable volume containers for different uses, the Company realized and built containers with extendible walls analogous to ISO 20' Standards to be used as Pharmacy, Analysis Laboratory, First Aid Unit, Dental Unit, X-Ray Unit, Kitchen and many others.

All the products successfully passed every technical tests performed at the Technical Center of Nettuno.

Our company's activity cover 3 main sectors:

- **Aeronautics** - manufacturing trailers for the transport of helicopters,



-**Ground support equipment for helicopters maintenance** – Cranes, hydraulic platforms and special equipment





**EXPANDABLE SHELTER / CONTAINER FOR TECHNICAL USES – helicopters workshop and storage**



**Motorbike Racing - manufacturing workshops for the servicing and transport of racing motorbikes.**



**Military Health Services** - this represents our main activity, where we manufacture varying and standard volume Shelters to be fitted out for hospital purposes and to be used for setting up field hospitals.

### HELITRASPORTABLE SURGICAL UNIT



Before use, our equipment is tested for NATO approval at relevant army centres; these tests include a Climatic Chamber test.

The Health Departments of several Armed Forces, which have some complete units, have used the our products as: Operating Theatre Units, Intensive Care, Pharmacies, Analysis Labs etc.. during all NATO/UN missions in:

<b>SOMALIA</b>	from	December	92	to	March	94
<b>MOZAMBIQUE</b>	from	April	93	to	December	94
<b>BOSNIA</b>	from	January	96	to	July	97
<b>ALBANIA</b>	from	February	97	to	August	97
<b>KOSOVO</b>	from	May	99	to	today	
<b>AFGHANISTAN</b>	From	January	02	to	today	
<b>IRAQ</b>	From	February	04	to	today	
<b>CHAD</b>	From	Gennuary	07	to	today	

and these performed well in hot and dusty zones such as Somalia as well as cold areas like Bosnia.

## EXPANDABLE MEDICAL CONTAINERS



Our variable volume shelters are built in accordance with the international ISO standard and can be used for a variety of different purposes. The advantage of these shelters is that during transportation they comply with the sizes allowed for road transport while the walls can be extended during operations to increase their internal volume. They can be transported on the platform of any truck or semi-trailer or on C.130-type aeroplanes.

The variable volume shelters can be fitted out for the following uses:

- First Aid Unit
- Operating Theatre Unit
- Intensive Care Unit
- Pharmacy
- Analysis Lab
- OTO/Eye Unit
- Dental Unit
- X-Ray Unit
- Scanner Unit (CAT)
- Kitchen
- Control Unit
- Radio rooms, etc.

The interior design and equipment supplied are based on the client's needs.

On request, we can provide further documentation on the specific type of shelter you may be interested in.



In the 2000 we increase our production with a new generation of expandable container with an internal dimension of sqm 31 and an internal height **never inferior of Mt. 2**  
This kind of container are normally used for OPERATING THEATRE and INTENSIVE CARE UNIT



## MOVEMENT SYSTEM

**By standard truck**



**By military truck with hook system**



**By C 130 airplane**



**By crane**



**By fork lift with spreader**





## **SOME APPLICATIONS**



**PHARMACY**



**LABORATORY**



**FIELD HOSPITAL WITH CONTAINERS AND TENTS**



**RADIOLOGY**



**KITCHEN**

## **REFERENCE**

- AGUSTA S.P.A.
- WESTLAND HELICOPTERS
- HELICOPTES CARABINIERI
- LIGHT AVIATION OF THE ARMED FORCES
- REVENUE GUARD CORPS
- AIR FORCE
- FIRE DEPARTMENT
- CORPS OF FORESTERS
- STATE POLICE
- COAST GUARD
- BWB GERMANY
- BELGIAN ARMY
- SPANISH FAMET
- U. S. COAST GUARD
- SOUTH AFRICA AVIATION
- HELLENIC AIR FORCE
- TURKISH COAST GUARD
- FININVEST HELICOPTERS
- SECURPOL
- BARILLA
- TAURINENSE BRIGADE TOURIN
- GRANATIERI DI SARDEGNA CIVITAVECCHIA
- PINEROLO BRIGADE BARI
- CENTAURO BRIGADE NOVARA
- GORIZIA BRIGADE
- FOLGORE BRIGADE PISA
- ES-KO INTERNATIONAL MONACO
- EGO-ZLIN CZECH REPUBLIC
- CIVIL PROTECTION
- AIR FORCE
- SNAP ON
- VERONA CIVIL HOSPITAL
- G8 INTERNATIONAL SUMMIT