

# projects map



Field Hospital - Level 2
Fast Support
Field Clinic - Level 1/1+
One-Plus-One
Trailer On-Wheels
Prefabricated
Construction
Customized / Other

### **SOLUTIONS**

what Turmaks offers

Mali, Mobile Clinic
Vietnam UN, Level 2+ Field Hospital
Turkiye Expandable Autolift Trailer
Niger Mobile Clinic & Staff Ward
Turkiye CT Container
Guatemala CT Trailer
Saudi Arabia Medical Expandable Trailer
Turkiye, Earthquake Zone, Level 1 Clinics
Saudi Arabia Prefabricated Clinic
Kenya Expandable Mobile Factory 40ft Container
DR Congo Gynaecology Container
Turkiye Earthquake Zone, Level 1 Clinics
Malaysia Autolift Expandable Command Center
UAE Chad, Autolift Expandable OT
Sri Lanka UN, Maternity Containers

Ghana & South Sudan UN, Level 1 Field Clinic x 4 Sets

Central African Republic UN, Level 2+ Hospital & Camp Azerbaijan Fast Support Level 2+ Military Hospital x 2 Malaysia Level 2+ Field Hospital with Staff Camp x2 Mali UN, Level 2+ Field Hospital with Staff Camp

Darfur UN, Level 2+ Field Hospital Ivory Coast UN, Level 2+ Field Hospital Nigeria UN, Level 2+ Field Hospital Turkiye/Syria Border One-Plus-One Clinic Turkiye/Syria Border One-Plus-One Clinic x 4 Sets

Maldives Emergency Clinic Morocco Emergency Clinic Algeria Mammography Trailer Turkiye Mobile Trailer Clinic

Iraq & Syria Mobile Clinic x 7 Sets Qatar Expandable OT Container

Maldives Hulhumale, Tree Top Hospital Ghana Accra, Bank of Ghana Hospital Turkiye Ankara, Eryaman Hospital Maldives Male, Indira Gandhi Memorial Hospital

#### **PROJECTS**

completed reference projects

Expandable Container
Autolift Container
Con-Tent System
Decontaimination Container
Container Standard
Inflatable Tent
Metal Frame Tent
Support Systems
Air Conditioning for Tents
Power Generator Set
Oxygen Generaor
Kitchen & Cold Storage
Water Treatment

#### **FEATURES**

components and special products

turn-key
tailor-made
short delivery
affordable
fast deployment
easy maintenance
robust durable
easy assembly
self-sufficient
mobility

### **ADVANTAGES**

why Turmaks

Certificates Factory Contact Info About

### **COMPANY**

about Turmaks

# solutions



#### FIELD HOSPITAL - LEVEL 2

This is the most common, optimized version of field hospitals in terms of capacity, medical capabilities for mid term use, with easy deployment.



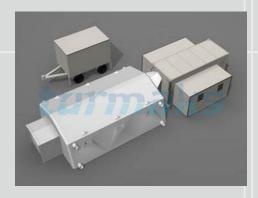
#### **FAST SUPPORT HOSPITAL**

It is designed to be deployed in a short period of time. It has basic diagnostical and surgical capabilities with necessary inpatient capacity. To achieve that it is composed of autolift expandable containers and inflatable tents.



### FIELD CLINIC - LEVEL 1 / 1+

Level 1 clinics are suitable for first aid and stabilization of the patients. Due to their smaller size, they are easy to deploy.



#### **ONE-PLUS-ONE**

This is a very fast solution to meet the emergency surgical needs. Needing only one truck for transport, it consist of an auto-lift expandable container, a trailer and an inflatable tent.

















Turmaks offers wide variety of solutions. There are some basic structural elements that covers most of our designs; containers, tents, trailers and prefabrications. All these elements can be used in different variations to meet the beneficiaries' needs, changing the construction method and making it more stationary or mobile.



#### **TRAILER - ON WHEELS**

It is a very mobile stand-alone solution with a trailer attached on a truck. Having a standard width but length can vary 6 meters to 13.50 meters. The expanding rooms can be adapted in order to increase capacity. More than one trailers can be designed to be used as a set.





#### **PREFABRICATED**

This is a very similar solution to commonly known prefabricated buildings. Difference comes from Turmaks' expertise in hospital and accomodation environments and more importantly offering a turn-key solution with all the systems and equipments included.

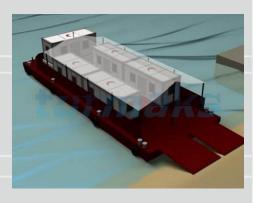






#### CONSTRUCTION

Turmaks was founded as a construction company and that comes in prominance in hospital projects or other construction projects.



#### OTHER - CUSTOMIZED

Other than offered standard solutions Turmaks can manufacture turn-key systems according to special conditions and requirements.









Central African Republic
UN, Level2+ Field Hospital
& Staff Camp

Customer: Ministry of Defence, **Rwanda** Beneficiary: United Nations, MINUSCA

TURMAKS deployed turnkey, fully operational and fully equipped, 30-bed Level-II field hospital with 70-bed staff camp for United Nations' Africa Mission in Central African Republic.























Azerbaijan Fast Support Level2+ Military Hospital x 2

Customer / Beneficiary : Ministry of Defence, Azerbaijan

TURMAKS have supplied two (2) turnkey, militarytype, 50-beds fast support hospitals to Azerbaijan Ministry of Defense, both stockable and highly mobile capability of fast assemble/reassemble (in 1-2 days) for times of conflict.























### Malaysia Level 2+ Field Hospital with Staff Camp x2

Customer / Beneficiary: Ministry of Defence, Malaysia

### 2x Military Level 2+ 50 Bed Field Hospital with 100 Bed Staff Camp

In One Hospital
Operating Theater with Two Tables and
ICU Unit with 4 Beds in Autolift Expandable Containers.
Dental Unit and Laboratory Unit in One-Side Con-tent
Container

**Custom-made Medical Containers:** 

Sterilization, Radiology

**Custom-made Containers:** 

Field Kitchen and Cold Storage, Wc-Showers, Oxygen

Generator, Laundry, Morgue

Military Grade Metal Frame Tents and Mobile AC Units: Triage, Emergency and Resuscitation, Surgical Preparation, Patient Wards (Total 50 Beds in 7 Tents), Medical Storage,

Dining, Laundry, Storage.

Staff Wards (Total 100 Beds in 10 Tents)

Offices, Adminitstration, Prayer Room, Recreation Area Generator Set consisting of 4 Connected Generators in Containers and 2 Backup Trailer Generators. Water Treatment

System with 3 Tanks

Wastewater System with Special Pumps and 5 Tanks























Mali Level 2+ Field Hospital with Staff Camp

Customer: IQARUS Beneficiary: EUTM

The Level2+ Field Hospital with Staff Camp deployed in Mali, July 2020.























# Darfur UN, Level2+ Field Hospital

Customer: Ministry of Defence, Nigeria Beneficiary: United Nations, UNAMID

TURMAKS turn-key mobile field hospitals, fully operational and fully equipped Level-II 50-bed hospitals, operating for years.













### Ivory Coast UN, Level2+ Field Hospital

Customer: Ministry of Defence, **Nigeria** Beneficiary: United Nations, ONUCI

TURMAKS turn-key mobile field hospitals, fully operational and fully equipped Level-II 50-bed hospitals, operating for years.











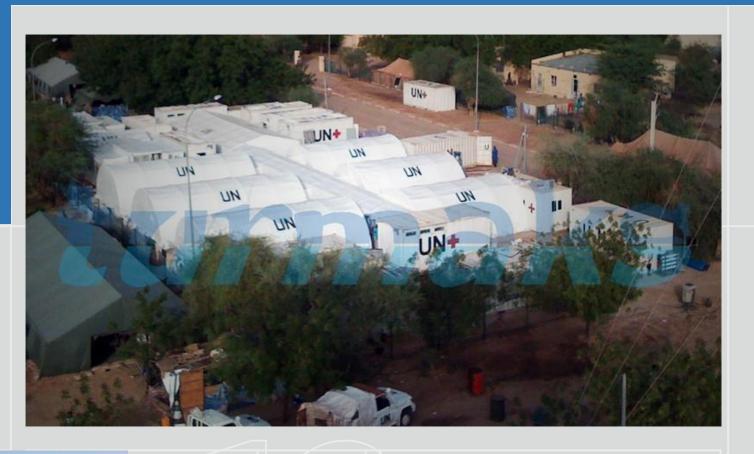


# TITMAKS HEALTHCARE & MOBILE SOLUTIONS

### Mali **UN, Level2+ Field Hospital**

**Customer:** Ministry of Defence, Nigeria Beneficiary: **United Nations, MINUSMA** 

TURMAKS deployed turnkey, fully equipped and operational 50-bed Level-II hospital in Timbuktu/Mali for United Nations' African Mission











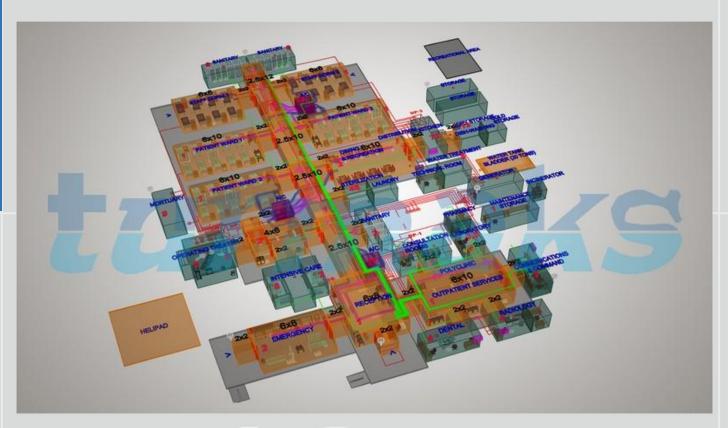
Not Deployed, In stock
UN, Level2+ Field Hospital
Customer:

Ministry of Defence, Nigeria

Beneficiary:

**United Nations (Planned)** 

This hospital is ready in stock for UN operations in Africa









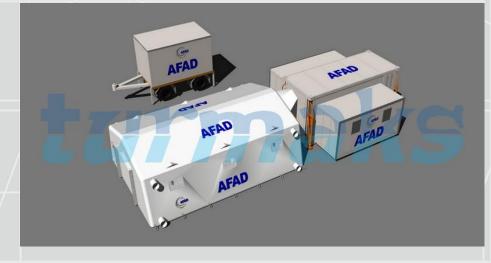




### Turkiye/Syria Border One-Plus-One Clinic

Customer: IGMG donation to: Beneficiary: AFAD (Turkish Disaster Authority)



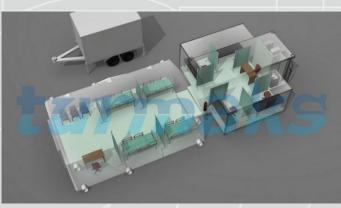














# Turkiye/Syria Border One-Plus-One Clinic x 4 Sets

Customer: LDS donation to: Beneficiary: AFAD (Turkish Disaster Authority)

TURMAKS have supplied five (5) 1+1 mobile clinics to provide primary healthcare and minor surgery services to the refugees in Turkish-Syrian border.







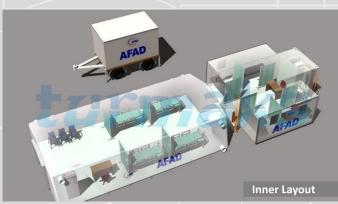
















Maldives
Emergency Clinic
Customer/ Beneficiary:
VVIP (GCC Country)

TURMAKS VVIP clinic has been designed, manufactured and deployed in total 23 days in Maldives. One clinic deployed in an Island, the other clinic has deployed in a cruise ship, both for VVIP use.

















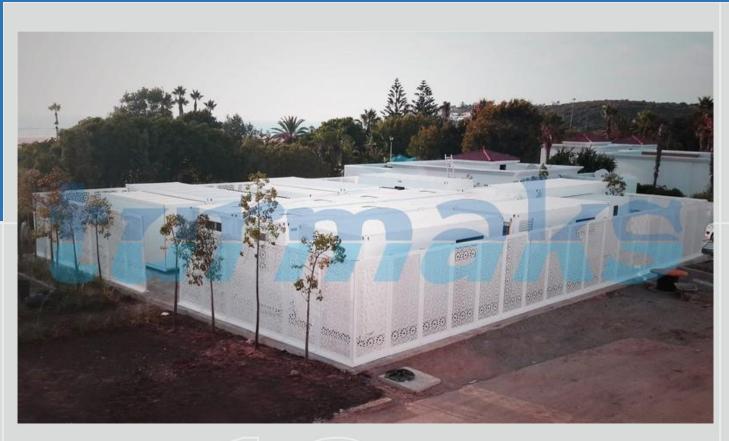


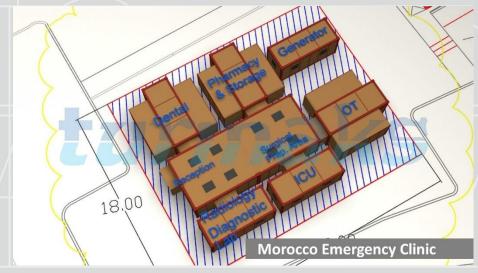




Morocco Emergency Clinic Customer/ Beneficiary : VVIP (GCC Country)

TURMAKS have deployed VVIP clinic in Tangier/Morocco, all-container type, consist of operating theatre, intensive care, radiology, diagnostic, lab, pharmacy, dental units, along with support systems that make the hospital self-sufficient























### Algeria Mammography Trailer

Customer: Algerian telecom companies donation Beneficiary: El-Amel Foundation (Algeria)

TURMAKS designed mammography trailer was donated by Algerian telecom companies to El-Amel Foundation. Trailer has been operating effectively in the rural areas for the last four years















### Turkiye Mobile Trailer Clinic

Customer: Şahenk Foundation donation Beneficiary: Ministry of Health, Turkiye

The mobile clinic has four rooms; three for medical examination and one for dental unit. It has all necessary support systems like generator, AC and disabled lift.

The unit is donated by Şahenk Foundation to Turkish Ministry of Health for diagnostic scans in rural areas of Turkiye























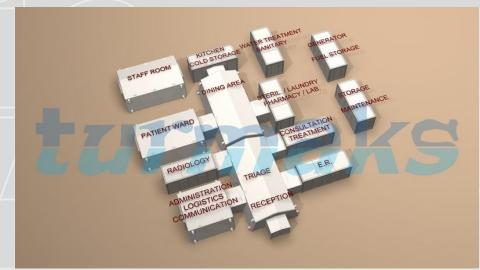
# Ghana & South Sudan UN, Level 1 Field Clinic x 4 Sets

Customer: Ghana Armed Forces Beneficiary: United Nations

4 Level 1 Clinics delivered to Ghana Armed Forces. Training given in Accra.

Armed Forces personnel deployed one set in South Sudan and one set in Ghana.























### Iraq & Syria Mobile Clinic x 7 Sets

Customer: GIZ (**Germany**) donation to: Beneficiary: Ministry of Health, Iraq Ministry of Health, Syria

TURMAKS have delivered seven (7) mobile clinics to German GIZ for Iraq Ministry of Health for refugees for primary healthcare and outpatient (including gynaecology) services. Five of clinics were deployed in Iraq and two has been delivered in Syria. Technical and medical training were given to the related personnel in the location.























### Qatar Expandable OT Container

Customer: Losberger, France Beneficiary: Ministry of Defence, Qatar

Turmaks supplied its patented product, Autolift Expandable Container as Operating Theater, to a mobile hospital for use Qatar Ministry of Defence.

All medical and support equipments were included in the package. Training was given in Qatar with the initial test deployment.























### Mali Mobile Clinic

Customer:
International SOS
Beneficiary:
EUTM (**European Union** Training Mission)

Production completed, shipped and clinic was deployed in both Koulikoro and Sikasso in Mali for European Union Training Mission.

Turmaks team maintained the hospital throughout the operation, redeployed and repacked

The clinic consists of Operating Theater (expandable container) + Scrub and Support Units (standard container) + Triage & Diagnostics and ICU (container tent system)























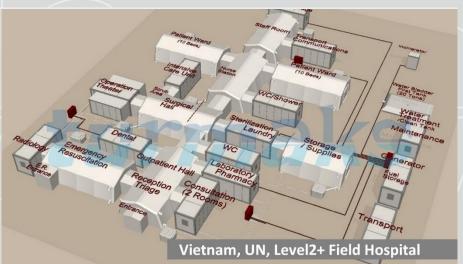
Vietnam UN, Level2+ Field Hospital

Customer: Ministry of Defence, **Vietnam** Beneficiary: In Stock

TURMAKS delivered turn-key mobile field hospital to Vietnamese Army and given full hands-on training

























Turkiye
Expandable Autolift Trailer
Customer/ Beneficiary:
Opet FUCHS, Turkiye

manufacturing completed, shipped, deployed, training is given, 2019 September























#### Niger Mobile Clinic & Staff Ward

Customer: Iqarus Beneficiary: Bel AF

production completed, shipped and clinic was deployed in Niger in collaboration with Iqarus for Bel AF.

the clinic consists of Triage & Diagnostics & X-Ray and Resuscitation (container tent system), Operating Theater and ICU (container tent system), Staff Ward (container tent system), WC&Shower (standard container), Generator & Water Treatment (standard container) and an incinerator

2020, January











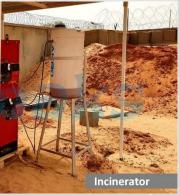










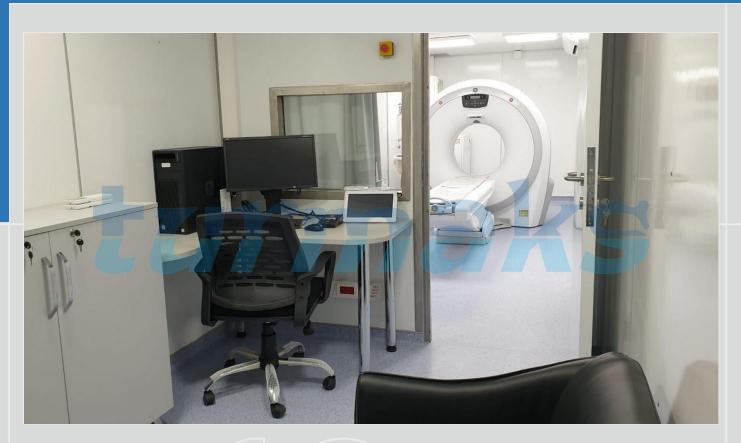




#### Turkiye CT Container

Customer/ Beneficiary: Cerrahpașa Faculty of Medicine

Manufactured, deployed, training is given, May 2020.



















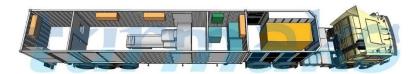




Guatemala CT Trailer Customer / Beneficiary: Ministry of Health, Guatemala

Trailer completed, shipped to Guatemala, October 2020.





















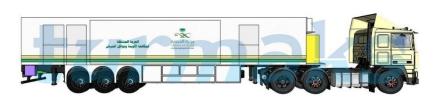


Saudi Arabia Medical Expandable Trailer

Customer: Care Horizon Co. Beneficiary: KSA, Ministry of Health

Container deployed, shipped to Saudi Arabia, October 2020.





















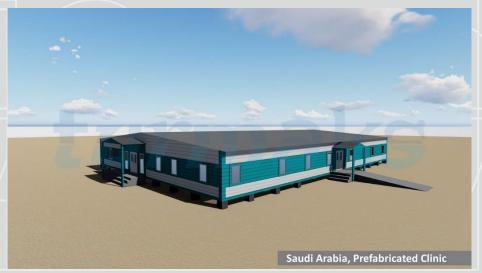


Saudi Arabia Prefabricated Clinic

Customer: International SOS Beneficiary: Red Sea Development

TURMAKS have deployed prefabricated clinic in Saudi Arabia for Red Sea Development, January 2021.























Kenya Expandable Mobile Factory 40ft Container

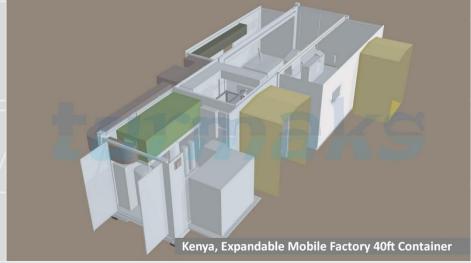
Customer / Beneficiary: (Confidential), USA

40ft expandable container completed, shipped in August 2021.

This unit is designed as a high technology mobile factory that can be deployed in short time.

It has two expandable rooms, special air conditioning and automation systems.























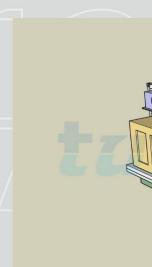
### TMAKS HEALTHCARE & MOBILE SOLUTIONS

**DR Congo** Gynaecology Container
Customer: Think Global, Italy

Beneficiary: GSI Foundation, Italy

Container is manufactured and shipped to DR Congo in November 2021.

























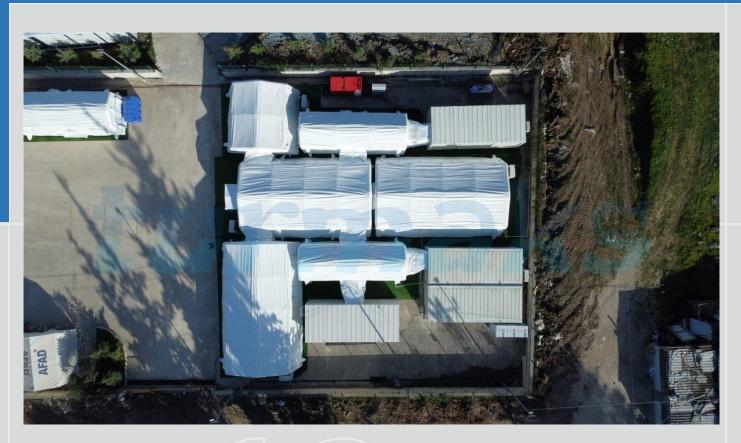
#### Turkiye Earthquake Zone Level 1+ Clinics

Customer / Donor: LDS Donation 5 Clinics Rotary Donation 1 Clinic Turmaks Donation 1 Clinic Beneficiary: Ministry of Health, Turkiye

Turmaks has delivered 7 clinics to the earthquakestricken region in Turkiye, Hatay, Gaziantep, Adıyaman.

The clinics consist of various specialized departments to provide comprehensive medical care to patients:

- -Reception, Triage
- -Emergency Resuscitation
- -Radiology, USG
- -Laboratory
- -Patient Ward
- -Gynaecology
- -Operating Room
- -Surgery Prep
- -Examination Room
- -Pharmacy
- -WC/Shower





















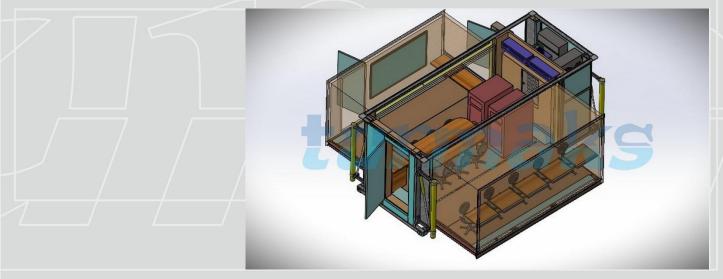


#### Malaysia Autolift Expandable Command Center Unit

Customer: Openapps SDN BHD, Malaysia Beneficiary: Ministry of defence, Malaysia

Container is manufactured and shipped to Malaysia in November 2023.























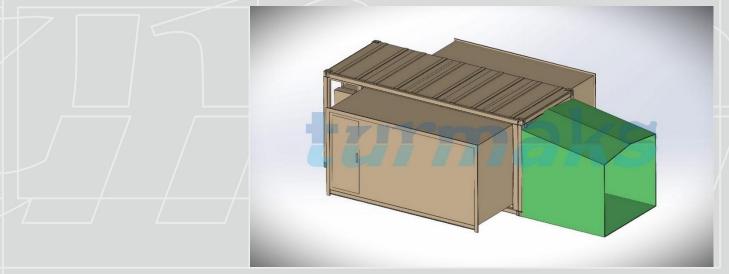
# Chad Expandable OT Container

Customer: GMSC, UAE Beneficiary: Ministry of Health, Chad

Turmaks supplied its patented product, expandable container as Operating theater, to a mobile hospital.

All medical and support equipment were included in the package.























#### Sri Lanka Mobile Maternity Unit x3

Customer: United Nations Population Fund (UNFPA)

Beneficiary: Ministry of Health, Sri Lanka

Containers are manufactured and shipped to Sri Lanka in December 2023.























Maldives Hulhumale

Tree Top Hospital

AREA: 30.000 m2

**CAPACITY: 170 BEDS (+30 SPARE BEDS)** 

**DATE OF COMPLETION: 2017** 























Ghana Accra

Bank of Ghana Hospital

AREA: 11.000 m2

**CAPACITY: 70 BEDS** 

**DATE OF COMPLETION: 2018** 























#### Turkiye Ankara

**Eryaman Hospital** 

TURMAKS has designed, constructed private tertiary hospital of 100 beds, consisting of 10.000 m2

It is being owned and operated by TURMAKS.

AREA: 10.000m2

**CAPACITY: 100 BEDS** 

**DATE OF COMPLETION: 2014** 























Maldives Male

Indira Gandhi Memorial Hospital

Supplied and Commissioned the High-end Medical Equipment























### **Expandable Container System**





As Operating Theater with Two OT Tables

#### **Expandable Container with Autolift**





Technical Compartment Room for AC, Generator, Medical Gas, Hydraulics and other Systems

### **Autolift System**





On truck, self-loaded and hydraulic legs retracted to conform ISO 20 standard

# Expandable Autolfit Containers from Azerbaijan Fast Support Hospital





Truck release underneath, self-unloading with one button

## turmaks Healthcare & Mobile Solutions

# **Con-Tent** (Container Tent Combined System)





Indoor Area, 56 Sqm

### **Integrated Medical Gas and HEPA filtered AC**





WC implementation in the central area

### **One-Side Con-Tent**





**Utilized as Laboratory Unit** 

# CBRN Decontamination Con-tent Unit





3 Lanes - Automated Washing System Integrated Special Flow HVAC

# **Container For Medical or Support Systems**





As Dental Unit with all units are pre-installed

### As ICU with Medical Gas and HEPA





As Radiology Unit with Lead Covered Walls

### **Inflatable Tent**





**Inflatable Tent as Patient Ward** 

### **Metal Frame Tent**





**Metal Frame Tent as Patient Ward** 

## turmaks Healthcare & Mobile Solutions

# **Support Systems Mobile Air Conditioning for Tents**





# Power Generator Set with back-up, co-aging and synchronization





### Oxygen Generator with Cylinder Filling System





Kitchen & Cold Storage

#### **Water Treatment**





**Water Bladder Tanks** 

### Laundry



## Morgue





WC/Shower Inci





**Incinerator** 

# ISO Standard Containers to conform All types of Transport

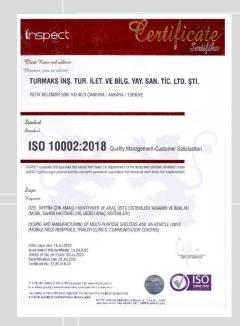










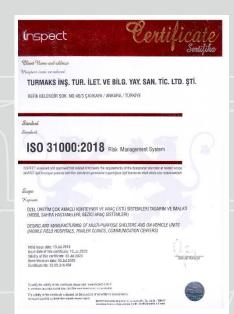














### tailor-made design

Turmaks creates special solutions by examining the needs and conditions with expertise on the field



#### robust & durable

Turmaks systems are manufactured to work in harsh conditions for a long time



### short delivery time

Turmaks delivers systems in a very short period of time thanks to its dedicated team and manufacturing capabilities



### easy disassemble-reassemble

Turmaks systems can be transferred to other locations when needed



#### affordable

Turmaks offers best economical options to reach the areas in-need



#### self-sufficient systems

Turmaks systems can work with its own support units and minimum basic supplies



### short deployment time

Turmaks systems can be deployed much faster with relatively to units with same capabilities



### transport alternatives compliant

Turmaks systems complies with freight standard to ensure transportation everywhere



#### easy maintenance

Turmaks systems are designed to be maintained and checked with basic common tools



### turn-key solution

Turmaks delivers a package that includes all the medical and nonmedical equipment necessary, which is ready to operate

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TURMAKS is a company specialized in the planning, design and execution of medical and related turnkey projects throughout the globe - with a particular focus on fast support hospitals, mobile field hospitals (Level-II, Level-II+, Level III) and trailer clinics.

Today, TURMAKS is a leading company in the field of integrated, deployable and mobile healthcare solutions which have a proven record of reliability and performance in various applications and environmental conditions. Customer requirements are engineered into cutting edge designs, outstanding in both quality and value giving the most economical and affordable solutions with turnkey delivery, with tailor-made design and manufacture, in the shortest time period.

TURMAKS was established in 1997 and has completed several healthcare projects around the globe such as in Turkiye, Azerbaijan, Darfur, Ivory Coast, Algeria, Mali, Nigeria, Rwanda, Central African Republic, DR Congo, Niger, Vietnam, Malaysia, Indonesia, Ghana, France, Chad, United Arab Emirates, Saudi Arabia, Qatar, Sri Lanka and Maldives for organizations like UN Peacekeeping Forces and Ministries of Health and Defense.

TURMAKS' experience in integrated health care solutions and its dedicated R&D activities are committed to create solutions to the highest level. TURMAKS manufactures many innovative mobile solutions in its total of 10.000 sqm with 5.500 sqm of closed area facility in Ankara/Turkiye.



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