

# MOBILE FIELD HOSPITALS

## EXPANDABLE MEDICAL CONTAINERS



### Lightweight, Strong, Durable

Dahra Logistics and Western Shelter Systems can provide the world's finest mobile field hospital utilizing a unique combination of lightweight, expandable, hard-sided medical containers and soft-sided patient wards and support facilities. All shelter components of the field hospital can be transported by the NH90 helicopter and be quickly deployed by hand with only basic hand tools.

### 3:1 Expansion Medical Container Just 4200 kgs Gross Weight, Including 1700 kgs Installed Medical Equipment

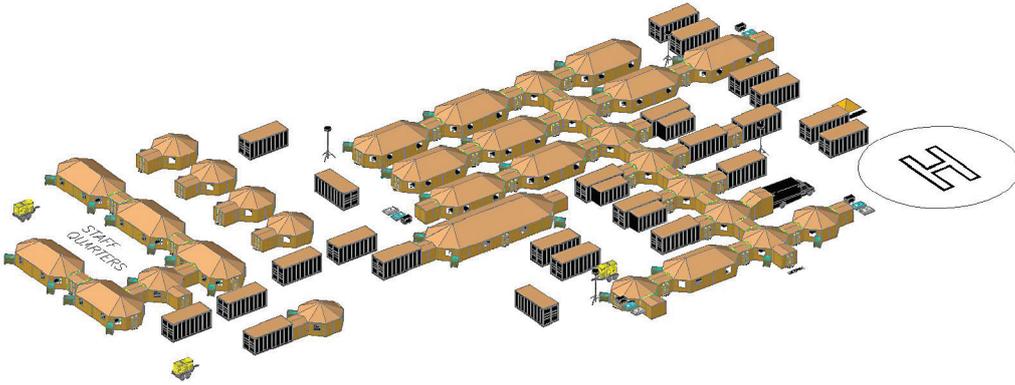
- Full expansion 3:1 container = 6.35M x 6.06M x 2.59M (38.5m<sup>2</sup>) when deployed
- Container with up to 1700 kgs of installed medical equipment safely flown by NH90 helicopter
- 5-Minute deployment with crew of four and basic hand tools – integral leveling devices
- New technology using lightweight Structural Insulated Panels (SIP) provides ease of maintenance, sterilization of the interior, exceptional strength and durability
- Patented weather and insect seals at all connections/hinges for secure medical environment control
- Electrical, plumbing and gases are internal – AC and generator are external
- Built to order design and engineering – manufactured to international building codes
- Connect corridors to both hard-sided containers and soft-sided support shelters for environmentally-controlled facility



# HYBRID MOBILE FIELD HOSPITAL

## Expandable Containers and Soft-Side Shelters

Western Shelter Systems' Hybrid Mobile Field Hospital consists of both containerized, medical-specific hard-sided facilities and rigid frame, lightweight soft-sided shelters for patient support and staff billeting.



Each expandable container has a mechanical support locker (outside access) and a medical specific application working room. The mechanical locker houses the air conditioning unit (ACU), the electrical distribution panel, as well as power entry and water entry, if required.

All containers meet ISO-standards regarding outside dimensions (20'L x 8'W x 8'6"H) and corners. Stacking, transportation, tie-down, and mounting of leveling jacks can be easily done by nearly all ISO-standardized transportation and loading means, including forklifts. Maximum weight with payload is 4200 kgs., within the sling weight rating for the NH90 helicopter.

Each medical container unit is designed to withstand extreme ambient temperatures in operation mode, as well as rough terrain conditions in transportation mode. The following climatic zones, according to STANAG 2895 are met:

Operation: -20°C to +50°C (C1 and A1)

Storage: -32°C to +71°C (C1 and A1)

Western GateKeeper Shelters have the ability to be used in a wide variety of configurations as dictated by the mission. Anticipated uses for the soft-sided shelters in the Mobile Field Hospital include, but are not limited to: Reception/Triage, Examination/ER, Patient Wards, Decontamination, Nursery, Staff Lounge, Waiting Room, and Restaurant Dining Hall. The Staff Accommodations Support Camp will use Western GateKeeper Shelters in combination with hard-sided containers with built-in ablution systems.



## 5-Minute Container Set-Up



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