Data sheet

Dimensions
- Length: ISO 20'
- Height: 8' / 8'6"
- Deadweight (Tara): approx. 8 t - 16 t
- Load capacity: approx. 4 t - 8 t
- Details: IAW performance specification

Protection
- Anti-mine protection (patented Zero Shock® decoupling system)
- Ballistic protection IAW STANAG 4569
- NBC protection (life support system)

Chassis
- Usability of suitable chassis (depending on load capacity) of different manufacturers like:
  - IVECO
  - MAN
  - Mercedes Benz
  - Scania
  - Tatra
  - etc.
- two/three/four-axled

Functional areas for mobile employment
Functional areas for mobile employment

The accommodation of different functionalities in areas for mobile employment during land-based operations represents a challenge that could not yet be met to its full extent. DREHTAINER has taken this issue on by developing a system for docking vehicle-mounted containers.

The overall system, which consists of docking frame and dockable containers, enables force elements to set up spacious protected and soft-skinned areas on their existing vehicles that must only be capable of carrying 20-foot-containers. These containers may then host the most diverse systems.

The simple docking technique allows to establish the operational readiness of the overall system almost immediately.

Docking frame

The docking frame is the core of the overall system. This proprietary DREHTAINER development allows to connect dockable containers carried by vehicles. The docking frame is movable in three dimensions and so capable of adjusting the distance between vehicles as well as terrain unevenness and slope. Hydraulic cylinders are used to level up and shift the mounted container so that it can be docked to an adjacent container carried by a different vehicle.

Dockable containers

The required spacious areas for mobile employment are configured using dockable containers. These are similar to the modular camps from the DREHTAINER program and have already been a thousandfold tried and tested on operations. Their special construction allows to connect them in a simple way. Air-tight areas can so be provided also on vehicles. DREHTAINER’s special competence is its ability to offer also container variants to establish large areas that are ruggedized and, if required, protected.

Independent of vehicle types

The docking frame can be installed on every vehicle that is suitable to accept 20-foot-containers. So all existing vehicles or vehicle families may be used; there is no need to acquire different vehicles especially designed for this purpose.

Depending on their intended use, civilian or military vehicles may be equipped with either protected or soft-skinned cabins.

Simple set-up

Two or even more vehicles can be easily and quickly combined to large areas by their crews alone. To do so, the vehicles are aligned in parallel and adjusted to each other. Then one crew member directs the docking frame including the dockable container towards the adjacent vehicle to enable driver and co-driver to connect the containers by means of mating screws. This can be done on several containers at the same time.

Summary

With this system of functional areas for mobile employment, DREHTAINER has treaded a new path and closed a capability gap. Now even large protected areas with firmly integrated systems may be configured. The usability of existing vehicles cuts the required time and the procurement costs down to no more than those of the docking frame and the dockable containers with the installed systems. In next to no time, large areas that are easily set up and removed and, above all, protected, can be made ready for operation as command posts, medical facilities or for other applications.