



Military Logistics  
Support Systems





## Military Logistics Support Systems



### **RATIONAL SOLUTIONS IN CHALLENGING SITUATIONS**

**In line with its mission to be a supplier of total solutions for fluids handling applications, AMA's commitments is to provide straightforward engineered solutions for the transport, storage and distribution of fuels and other fluids according to the customers' specific requirements.**

AMA's Containerized Systems are "self sustained" units designed and manufactured to transport, transfer, dispense, collect a variety of fluids in support to military operations in the field.

Specific variants can be configured on demand for other uses, such as machinery and equipment maintenance, storage, disposal.

The systems are based on 20'x8'x8' container complying with ISO specifications (668; 1496-1; 1496-3), suitable to be deployed over a wide range of geographic environments and climatic conditions, typically throughout climatic zones A1 - C1 (+49°C ÷ -32°C) as per AECTP 200/3.

## CPFT



The CPFT consists of an ADR certified 15'000 l double walled tank and a pumping set/dispensing unit powered by a diesel engine and complete with filter, meter and hose reel. The unit is designed to transport and dispense diesel fuel in a safe and uncontaminated way. Flow rates vary from a minimum of 30 l/min for jerry can filling up to 250 l/min for bulk fuel transfer.

## CPWT



The CPWT module is a containerized potable water storage and transfer system that includes a tank with a capacity of 15,300 litres, an 800 l/min diesel engine driven pump set, a fully fitted SS piping plus 5x5m suction/delivery food grade hoses suitable to carry out repeated filling/emptying cycles while retaining a high hygienic standard.

## CPSS



The CPSS is an integrated system suitable for sewage evacuation and portable toilets cleaning, featuring an 8,000 litre baffled sewage collection and transport tank, vacuum pump with wand and hoses and a 5,000 litre baffled clean water tank including a pressure washing system with dedicated hose and nozzles

## CSDS



The 20' CSDS is a containerized storage and dispensing unit specifically designed to perform heavy duty operation cycles in harsh environments in the field. Each component, from the carbon steel alloy to the refuelling hose, is specifically designed to withstand extreme temperatures (-32°C + 50°C). Pumps, motors and meters construction is optimized in order to reduce the maintenance interventions. The unit permits the transfer of diesel-kerosene in bulk at 240 l/min and the refuelling of light and heavy vehicles at 50 and 130 l/min respectively.

## COLLAPSIBLE FABRIC TANKS



'Bladders' offer light weight, compactness when folded, quick set up and good resistance in various climatic conditions. They are available in different sizes and capacities and are made in different materials to suit the contained fluid (hydrocarbons and raw/potable water).

## INTEGRATED CONTROL CENTRE



SCADA and ATG systems are integrated in AMA's systems to control and record all operations relevant to the fuel storage and dispensing system, from the fuel inlet points to the dispensing pumps

## Modular Workshop Container



Modular Workshop Container based on 20' ISO containers, fully equipped with professional electrotechnical and mechanical tools. The MWC is designed to support construction, installation and maintenance projects. It can be supplied as an interconnecting multi-modular system or as a stand-alone unit and can be customized to suit the client's specific requirements

## Rapid Deployment Fuel Farm



AMA can deliver, install and commission all the fuel related equipment needed in a bulk fuel installation. These facilities, featuring fuel receipt, filtering, storage, transfer and dispensing equipment are intended to provide high quality fuel in rapidly deployable military camps that may be deployed over a wide range of geographic environments and climatic conditions.

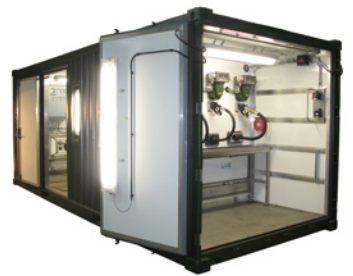
## Variety of fixed and mobile solutions for fuel storage and transfer operations



Loading/Unloading Skid – LUS



Aviation Fuel Trailer – AFT



Containerized Dispensing System – CDS



Fuel Transfer Pump – FTP



Air Portable Fuel Cell – APFC



Portable Refueling Pump – PRP













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