

MILITARY FUELING SYSTEMS

FSDS



System

System comes packed in two standard ISO 8 ft. x 8 ft. x 20 ft. CARC-II painted shipping containers and can be transported by land, sea or air.

Systems designed for storage of F34, diesel and mogas are available.

Bulk Storage

Desert King tank flexible bladders 4 x 24,000 USG (90,800 L). Total Capacity 100,000 USG (363,200 L).

Sun Shades included.

Complete secondary containment system.

Complete passive gravity flow go-no-go rain water management system.

1,500 ft. of 2 in. (50 mm) certified fuel transfer hose with camlock ends.

600 ft. of 3 in. (75 mm) certified fuel transfer hose with camlock ends.

Transfer

One 100 USGPM (375 LPM) diesel powered fill positive displacement pump and one 100 USGPM (375 LPM) electric powered fill positive displacement pump system uses only explosion proof Class 1 Div II components.

One 40 USGPM (150 LPM) diesel powered discharge positive displacement pump and one 40 USGPM (150 LPM) electric powered discharge positive displacement pump. system uses only explosion proof Class 1 Div II components.

All skids are stackable and include military green powdered coating, fork pockets, grounding mounts and spill protection.

Metering, Filtration, Dispensing

Filtration/metering skid for cleaning incoming fuel with filter housing.

Filtration/metering hose reel skid for dispensing to vehicles includes flow meters (GPM or LPM), filter housing, 50 ft. (15.25 m) manual rewind hose reel, static ground reels.

All skids are stackable and include military green powdered coating, fork pockets, grounding mounts and spill protection.

HPARS



System

Systems designed for storage of F34, avgas, and jet fuel are available.

Mounted in a military green CARC-II painted forkliftable enclosure with easy access roll-up or swing doors, including tapered skid design for easy on/off loading and heavy lifting rings.

Complete secondary containment system included.

System uses only explosion proof Class 1 Div II components.

Transfer

System is a self-priming centrifugal pump driven by an electric motor.

Maximum rate of 200 USGPM (800 LPM). 60 Hz power supply 208–230 V required.

Metering, Filtration, Dispensing

Filtration is provided by a horizontal filter separator per API Group II Class B.

Flow meter in line to measure the amount of fuel delivered and determine the velocity.

Deadman switch, static grounding cable and 50 ft. (15 m) of 3 in. (75 mm) powered hose reel skid with Nato 3 lug coupling and refueling nozzles.

PVRS



System

Intended for the fueling of up to four light and heavy military vehicles at a time.

The system includes a double walled steel fuel storage tank that may be transported with fuel to operation location. Tank built to ULC S601 with ULC certification for the stationary fuel tank. ULC C142.13.

Systems designed for storage of F34, diesel and mogas are available.

System is contained inside standard ISO 8 ft. x 8 ft. x 20 ft. CARC-II painted shipping containers and can be transported by land, sea or air.

Easy access doors allow for rapid deployment and easy access by operator during refueling.

Complete secondary containment system included for storage tanks and refueling zones.

Rain water management system included.

Fire prevention and suppression system included.

Transfer

Dedicated 100 USGPM (375 LPM) pump to refuel the onboard fuel tank. This may be done while other vehicles are being filled.

Two 20 USGPM (75 LPM) pumps to fuel up to four light and heavy duty military vehicles at a time.

Power

The system is self supported with onboard diesel power, inside and outside lighting or may be powered by external source. Includes an automatic shutdown system when not in use. System uses only explosion proof Class 1 Div II components.

Metering, Filtration, Dispensing

Filtration is provided by filter separators for both incoming and outgoing fuel per API Group II Class B.

Flow meter in line to measure the amount of fuel delivered and determine the velocity.

Four 25 ft. (7.5 m) long 1 in. (25 mm) hose wheels with automatic shut off nozzles at each refueling station.

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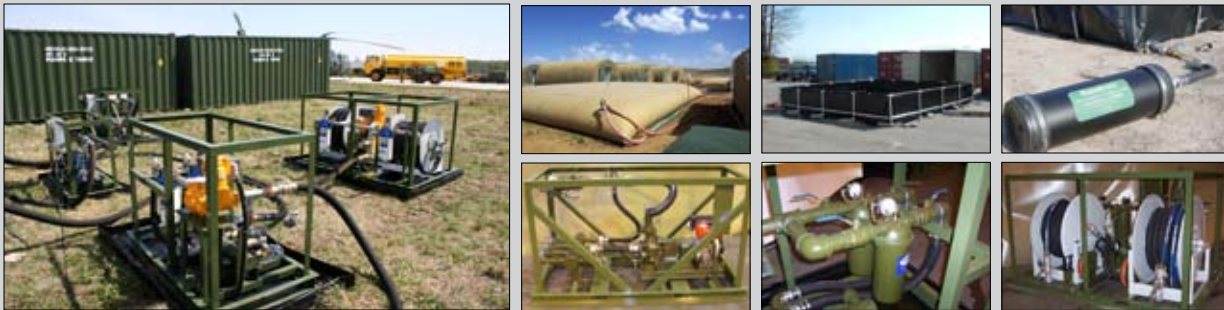
THE SOLUTIONS FOR COMBAT SUPPORT

SEI Industries Ltd. military fueling systems provide your optimum solution for combat liquid logistics. Designed for rapid deployment via ground, sea, or air, each product in the SEI military fueling line is a complete turnkey system. Our systems are equipped with integrated filtration, metering and power supply systems for consistent, dependable operation – regardless of environmental conditions or fuel quality. From bulk fuel storage to aviation refueling to portable refueling stations, rely on SEI Industries for solutions to your liquid logistics challenges.

Fuel Storage and Distribution System (FSDS)

NSN: 4930-21-910-0723

Military bulk fuel storage system. Designed for quick set up and operation without support power.



High Pressure Aviation Refueling System (HPARS)

NSN: 4320-20-002-4760

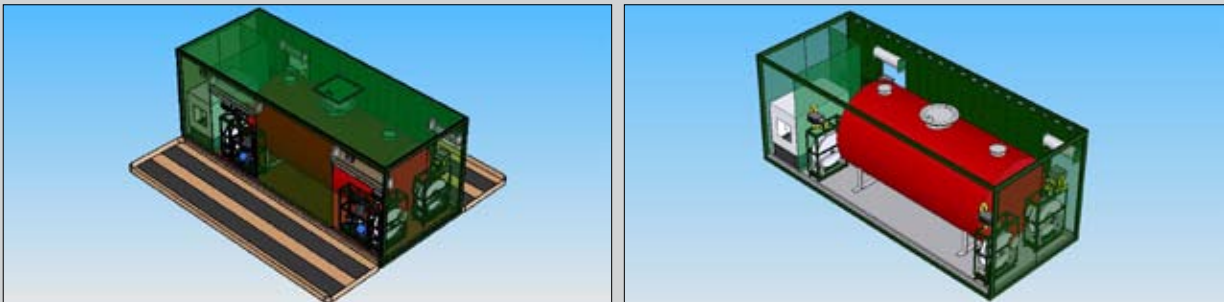
The HPARS system is intended for the fueling and defueling of aircraft and tanker trucks.



Portable Vehicle Refueling Station (PVRS)

NSN: In progress

A portable gas station that may be transported to site with fuel for rapid deployment.



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