



FHC's Mobile Service Van (MSV) is designed to provide periodic maintenance and on-call service for field equipment of which cannot be brought to a workshop for repairs or maintenance. The customized van offers 24x7 on-site service support.

On-site engineers are often involved in difficult tasks to repair or replace parts in fire trucks, rescue trucks, ambulances, power generators, FM200/NOVEC systems, fire extinguishers, and more. FHC's MSV is designed to make that task easier.

Additionally, the MSV allows engineers to perform prompt service and preventative maintenance. It is self-sufficient in operation and is designed based on ease of operation, space maximization, and reliability.



MOBILE SERVICE VAN

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INTERIOR-MOBILE WORKSHOP

The interior space of the mobile workshop is a state-of-the-art design based on compact and efficient ergonomics to help maximize the space, simplify movement, and ensure that every material is immediately within reach. All the shelves are made of high-quality materials and the combination of steel, plastic, and aluminum offer maximum safety, stability, lightness, and quality. Left-hand and right-hand side shelves are provided with different sizes of racks to store equipment and accessories of both various types and sizes. Additionally, fastening belts are provided to help secure belongings and a hinged door (made of anodized aluminum) delivers quality shelf space on the lower rack to help resist the movement of stored material.

An electrically driven air compressor unit with a pneumatic winder & workbench is kept at the bulkhead zone. Equipment such as a weld machine, hydraulic jack, and jack stand are stored within reach from the sliding door side of the van. Fully extractable drawers and trays with AL-dividers provide ideal space optimization. An electric winder with 18-meter electric cable, First Aid kit, document folder, cable saddle, and paper roll holder are also provided to fulfill the requirement of a “Workshop on Wheels.”



SPECIFICATIONS



ROOF MOUNTED CRANE

- The MSV is equipped with a roof-mounted telescopic crane with a lift capacity of 250 kg (550 lbs) to enable easy load/unload of heavy or difficult-to-move equipment. Simply press the button on the hand-held unit, and any technician can move heavy equipment.

The boom extension/retraction and load lifting/lowering can be operated with a 12V battery. An emergency button is also provided on the hand-held unit for safety.



LOADING RAMP

- Built into the MSV is a servo-assisted loading ramp with a tubular steel structure and knurled slip-proof aluminum platform with a capacity of 600 kg (1322 lbs). This helps load/unload the equipment or accessories by rolling/sliding. This rear ramp can also be built with an additional design feature; a swivel-type ramp where one side can swing, enabling access to the inside of the van from the rear, without opening the ramp.



M-200 REFILLING UNIT

- The FM-200 refilling unit with air-driven double acting pump is equipped within the MSV. It helps to refill / recharge the FM200 cylinders at customer premises if required.



GENERATOR UNIT

- The MSV comes with a Honda generator; the electric start has a cap of 6.5 KVA/60Hz with an AC output of 120/240V. The generator is strong enough to power both the compressor & welding unit.



WORK BENCH

- The work bench is sized generously - 1000 X350 with a 6” swivel bench vice along with sliding tool racks. It comes equipped with all required sizes of tools to handle various repairs.

MOBILE SERVICE VAN

SPECIFICATIONS

DRAWERS

- Fully Extractable
- Locked Type

WORK BENCH

Available with:

- Jaw Size 6"
- Swivel Type

PNEUMATIC WINDER

- 12m hose length
- Pressure rating 10 bar

STORAGE BOXES

- Polypropylene Boxes
- Slide-able & Locked Type

COMPRESSOR UNIT

- Electric Driven
- Suction Air 320 LPM.
- Tank Capacity 90 L.

HINGED DOOR

- Anodized Aluminum Door
- Locked Type

