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FHC

The main purpose of the Fuel Transfer/ Multi-Purpose Vehicle is to provide quick maintenance operations and deliver re-fueling service when required for stationary engines or other engine powered equipment and vehicles.

Such units are essential equipment for the companies having mobile or remote power supply engines which are working 24/7 and when electrical resources are not available.

This vehicle has an on-board fuel storage tank with a PTO hydraulically driven fuel pump and hose reel. Additional custom options are available to expand mobile services.

FUEL TRANSFER VEHICLE

Fuel Transfer Vehicle

STANDARD BODY CONSTRUCTION FEATURES

- Custom built flat-bed construction
- Engineered to specific purchaser's dimensions
- All welded steel fabrication of platform and sub-frame
- Steel tubing front bulkhead panel
- Steel treadplate walkway surfaces
- Steel channel perimeter framework
- Recessed 3M reflective safety tape
- Shot blasted sub-frame
- Epoxy corrosion resistant paint
- Protective top coat paint
- Torsion type flex body mounts▶

Engineered For Performance

TOOL BOX CONSTRUCTION

- Compartment panels of all welded steel sheet metal
- Weather resistant construction
- Recessed compartment doors with
- Doors feature stainless steel locking latches, piano type hinges, gas cylinder openers, and rubber gaskets
- Compartments are painted prior to installation and bolted in place

ENCLOSED FUEL DELIVERY SYSTEM

Fuel Pump Compartment

Fuel Pump and Hose Reel

Control Panel

STANDARD REFUELING SYSTEM FEATURES

P.T.O. DRIVEN HYDRAULIC FUEL PUMP

The hydraulically driven self-priming centrifugal fuel transfer pump is capable of pumping a wide variety of liquids at various capacities and pressures. The pump shall be equipped with 50mm (2") pump ports, hydraulic motor, hydraulic oil tank, hydraulic cooler, high pressure hydraulic hoses and controls.

REFUELING HOSE REEL AND NOZZLE

- Hydraulically driven reel with rewind controls and a capacity of 15M (50') of 25mm (1") fuel hose
- Nozzle equipped with automatic fuel shut-off.

- Flow meter and controls
- Fuel Piping: Steel threaded and flexible hose piping
- Hydraulic Piping: SAE high pressure hydraulic hose and fittings
- Secondary relief valve

FUEL TANK

- 1875 Liter (500 G) capacity, mounted on structural steel sub-frame, with spring mountings
- Lifting eyes for quick removal
- Steel tank constructed of 4mm (.188") MS ASTM A-36
- Internal baffling, auto air vent with filter, fill pipe with cap and chain
- Fuel tank level gauge – sight glass

CABLE STORAGE REELS

- Two (2) manual rewind cable storage reels
- Rear facing with square tube steel protective frames

Enclosed Battery Box

Fire Extinguisher Storage

Tow Hooks, Safety Chains

Pintle Hook, Air Brake Lines

Fuel Transfer Vehicle

STANDARD FEATURES

CHASSIS SPECIFICATIONS

- Navistar 7400 FWD 4 x 4 chassis, 2 door
- Single axle, 15,000kg (35,000#) GVWR
- 5,400kg (12,000#) front and 10,000kg (23,000#) rear axles
- Six (6) 11:00/22.5 radial tires, steel wheels, spare tire and wheel
- Diesel engine, 250HP, Euro 3, vertical exhaust
- Allison 5 Speed automatic transmission, PTO opening
- Air Brakes, ABS system, 373 L/min (13.2 CFM) air compressor
- Two (2) heavy duty batteries, 160 amp alternator
- Front towing provision
- Air conditioning, heater, defroster
- Three (3) cab seats with seat belts
- 375L (100G) Fuel Tank

ELECTRICAL EQUIPMENT

- Amber warning light on cab roof
- LED Dual rear Stop - Tail - Signal lights
- Steel guards for rear lights
- LED body clearance lights
- LED compartment lights
- Rear trailer multi-plug outlet
- Front and rear floodlights
- LED operation lights

ADDITIONAL EQUIPMENT

- Structural steel rear bumper
- Steel protective framework
- Rear side access ladder/steps
- Spare tire and mounting
- Rear towing chains
- Rear air brake connections for trailer brakes
- Poly potable drinking water tank
- Fire extinguisher

OPTIONAL EQUIPMENT

- Fuel Storage Tanks: 1,000 to 10,000L (300 to 2500G)
- Multiple Hose Reels: Fuel, Electric Cable, Air Hose
- Rewind of Reels: Electric, Air or Hydraulic
- Hose Lengths: Any capacity or diameter
- Fuel Pump: Electrically Driven 37 to 113L (10 to 30 GPM)
- Generator System: 120 or 240 volt
- Grease lubrication system with hose reel
- Air Compressor: For pneumatic tools, tire maintenance

OPTIONAL CHASSIS EQUIPMENT

- Any Commercial Chassis: MAN, Volvo, Scania, M/B, Hino, Isuzu, Tata, Freightliner, Paccar, Ford, GMC
- Single or tandem rear drive axle
- Three (3) Batteries, 270 amp alternator
- Four (4) door crew cab, tilt cab provision
- Single off-road sand tires
- AM-FM-CD radio and speakers

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