

Diversified Fabricators Inc.

Owner / Operator Manual

Fuel Truck

1325 US 41 Bypass South
Griffin, Georgia 30224
1-800-526-6480
www.dfiequipment.com

Diversified Fabricators, Inc.

1325 Highway 41 Bypass South
Griffin, Ga. 30224

1-800-526-6480 / fax: 770-412-0459

WATER TRANSPORT / MOBILE LUBRICATION / HYDRA-SEEDERS

Website: www.dfiequipment.com

“DO NOT USE OR OPERATE THIS EQUIPMENT UNTIL THIS MANUAL HAS BEEN READ AND UNDERSTOOD.”



WARNING

EQUIPMENT MISUSE HAZARD

Equipment misuse can cause the equipment to rupture or malfunction and result in serious injury.

- This equipment is for professional use only.
- Read all instruction manuals, tag, and labels before operating the equipment.
- Use the equipment only for its intended purpose. If you are not sure, call Diversified Fabricators, Inc. 1-800-526-6480.
- Do not alter or modify this equipment.
- Check equipment daily. Repair or replace worn or damaged parts immediately.
- Do not exceed the maximum working pressure of the lowest rated component in your system
- Use fluids and solvents that are compatible with the equipment wetted parts. Read the fluid and solvent manufacturer's warnings.
- Handle hoses carefully. Do not pull on hoses to move equipment.
- Route hoses away from traffic areas, sharp edges, moving parts, and hot surfaces. Do not expose hoses to extreme temperatures.
- Do not lift pressurized equipment.
- Comply with all applicable local, state, and national fire, electrical, and safety



WARNING

FLUID INJECTION HAZARD

Fluid from the dispensing valve, leaks or ruptured components can inject fluid into your body and cause extremely serious injury, including the need for amputation. Fluid splashed in the eyes or on the skin can also cause serious injury.

- Fluid injected into the skin might look like just a cut, but it is a serious injury. **Get immediate medical attention.**
- Do not point the dispensing valve at anyone or at any part of the body.
- Do not put your hand or fingers over the end of the dispensing valve.
- Do not stop or deflect leaks with your hand, body, glove or rag.
- Use only extensions and couplers that are designed for use with your dispensing valve.
- Do not use a low pressure flexible nozzle with this equipment.
- Follow the **Pressure Relief Procedure** if the grease fitting coupler clogs and before cleaning, checking or servicing the equipment.
- Tighten all fluid connections before operating the equipment.
- Check the hoses, tubes, and couplings daily. Replace worn or damaged parts

TOXIC FLUID HAZARD

Hazardous fluids or toxic fumes can cause serious injury or death if splashed in the eyes or on the skin, inhaled, or swallowed.

- Know the specific hazards of the fluid you are using.
- Store hazardous fluid in an approved container. Dispose of hazardous fluid according to all local, state and national guidelines.
- Always wear protective eyewear, gloves, clothing and respirator as recommended by the fluid and solvent manufacturer.

WARNING:

**DO NOT OPERATE THIS EQUIPMENT
WHILE BYSTANDERS ARE WITHIN 50
FEET, OF UNIT.**





WARNING

FIRE AND EXPLOSION HAZARD

Improper grounding, poor ventilation, open flames, or sparks can cause a hazardous condition and result in a fire or explosion and serious injury.

- Ground the equipment and the object being dispensed to.
- If there is any static sparking or you feel an electric shock while using this equipment, **STOP DISPENSING IMMEDIATELY**. Do not use the equipment until you identify and correct the problem.
- Provide fresh air ventilation to avoid the buildup of flammable fumes from solvents or the fluid being dispensed.
- Keep the dispense area free of debris, including solvent, rags, and gasoline.
- Do not smoke in the dispense area.
- Do not turn on or off any light switch in the dispense area while dispensing or while operating if fumes are present.

MOVING PARTS HAZARD

Moving parts can pinch or amputate your fingers.

- Keep clear of all moving parts when starting or operating pumps.
- Before servicing the equipment, follow the **Pressure Relief Procedure** to prevent the equipment from starting unexpectedly.

FUEL TRUCK OPERATING INSTRUCTIONS

Start Truck Engine And Apply Parking Brake.

CAUTION DUE TO VIBRATIONS INCURRED DURING TRANSPORTATION, VISUALLY CHECK FOR LEAKS IN HYDRAULIC / AIR SYSTEM PRIOR TO PLACING UNIT IN SERVICE.

Engage PTO by depressing clutch pedal and placing PTO Switch to the in position. Make sure that the light comes on. Release clutch slowly, the hydraulic side of the unit is now live and under pressure. (PTO will not engage when chassis air pressure is under 90psi)

PTO MAINTENANCE WARNING

Periodic PTO MAINTENANCE is required by the owner/operator to ensure proper, safe and trouble free operation.

1. **DAILY:** Check all air, hydraulic and working mechanisms before operating PTO. (PERFORM MAINTENANCE as required!)
2. **MONTHLY:** Inspect for possible leaks and tighten all air, hydraulic and mounting hardware, if necessary. Torque all bolts, nuts, etc. to Chelsea specifications. Insure that splines are properly lubricated, if applicable. (PERFORM MAINTENANCE as required!)

Diversified Fabricators, INC. will not be responsible for any damage due to the overloading of this auxiliary power product; failure to perform preventative maintenance; damage due to abuse, misapplication or misuse; or improper operation of the power take-off and ancillary equipment.

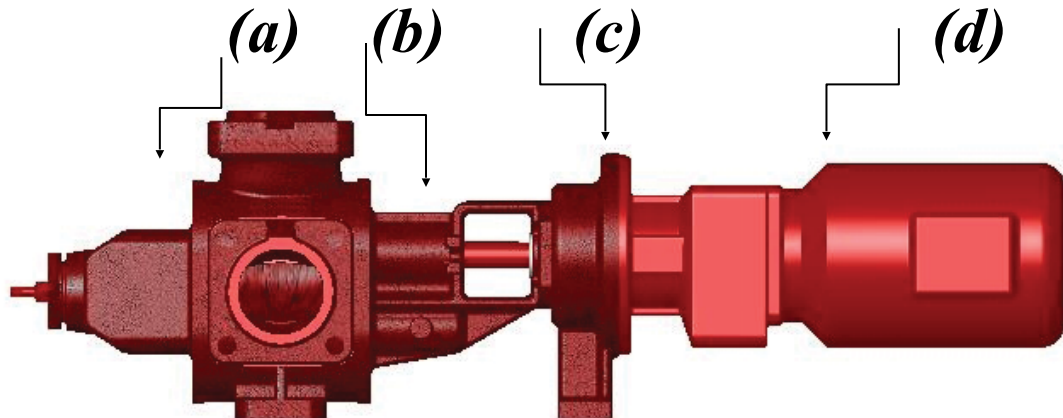
WARRANTY: Failure to comply entirely with the provisions set forth in the provided Owner's Manual will result in voiding ALL WARRANTY consideration.

Fuel Pump Standard Operation Procedure:

The Diesel Fuel Pump is hydraulically driven off the PTO and live when PTO is engaged.

- Each fuel tank has an air operated safety valve mounted to the outlet of the tank.
- To change fuel filters and clean out inline strainers, the switch needs to be in the off position.
- To pump fuel the valve needs to be open (pulled out).
- The fuel shutoff valves are located at the rear of the truck under the meter.
- With the safety valve open and the fuel valve pulled out you are now ready to pump fuel.

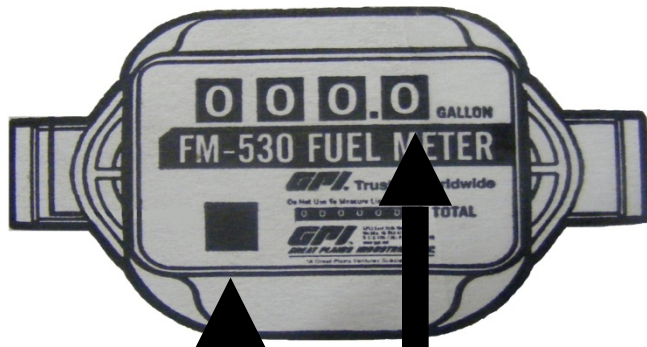
**(a)-Roper fuel pump/ (b)-Grease fitting
(c)-Coupling (d) –Hydraulic motor**



Roper model#3611

Warnings:

- Pull hose off reel by the hose, not the nozzle.
- In case of hose and or pump failure, shut off fuel safety valve and hydraulic system.(PTO)
- Fire and explosion hazard. Keep fire extinguishers accessible.
- Clean up any spills immediately.
- Clean inline Y-strainers weekly.
- Change fuel filters monthly.



(a)

(b)



(c)

(a) Meter Reset

(b) Gallons Pumped

(c) Filter

MAINTENANCE INSTRUCTIONS AND SERVICE SCHEDULING.

FUEL PUMP:

- Clean Y-strainer monthly
- Change fuel filter monthly or every 30,000 gallons of fuel pumped. If you notice a change in the flow (gpm) change filter.
- Grease fuel pump monthly.
- Check pump to motor coupling, weekly.
- Check for leaks daily.
- Check hoses daily.

POWER TAKE OFF:

- Check for leaks daily
- Check for loose bolts daily.
- Check braces and their bolts daily.

Body :

- Check hydraulic oil daily. Use only Max-Flow AW-46 oil.
- Check for leaks daily.
- Check sight gauges daily.
- Drain fuel rollovers daily.
- Check body tie down bolts weekly.
- Check tank tie down bolts weekly.
- Check fire extinguishers and service as needed. Weekly.

Warranty – Effective May 1, 2009

The products manufactured by DFI, exclusive of used or re-built machinery or equipment, are subject to the following warranty:

a) Warranty.

DFI warrants all products manufactured by it to be free from defects in material and manufacture at the time of shipment and for twelve (12) months from date of delivery to customer, and provided that the product is in normal use and service. DFI will furnish to the customer without charge, f.o.b. Griffin, Georgia replacements for such parts as DFI finds to have been defective at the time of shipment, or DFI's option, will make or authorize repairs to such parts, provided that, upon request, such parts are returned, transportation prepaid, to the factory at Griffin, Georgia. THIS WARRANTY SHALL NOT BE EFFECTIVE IF THE BUYER IS IN DEFAULT AS OUTLINED BELOW.

This warranty is furnished to customer without labor charge **only if work is performed** at our manufacturing facility in Griffin, Georgia.

Warranty service calls performed at the customer's jobsite are subject to a minimum charge of \$200.00. Both service technician travel time @ \$60.00 per hour and a vehicle mileage charge of \$1.00 per mile round trip will be charged to customer.

Customer must receive a written authorization for any and all repair not performed by employees of Diversified Fabricators, Inc. Any parts purchased by the customer are the responsibility of the customer without this written authorization.

This warranty shall not apply to any product which has been subjected to misuse, misapplication; neglect (including but not limited to use of unauthorized parts or attachments), unauthorized adjustments, or unauthorized repair. Engines, motors, and any accessories furnished with DFI's products, but which are not manufactured by DFI, are not warranted by DFI but are sold only with the express warranty, if any, of the manufacturer thereof. THE FOREGOING IS IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED (INCLUDING THOSE OF MERCHANTABILITY AND FITNESS OF ANY PRODUCT FOR A PARTICULAR PURPOSE), AND OF ANY OTHER OBLIGATION OF LIABILITY ON THE PART OF DFI. FURTHERMORE, THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION OF THE FACE HEREOF.

b) Limitation of Liability

It is expressly understood that DFI's liability for its products, whether due to breach of warranty, negligence, strict liability, or otherwise, is limited to the furnishing of such replacement parts, and DFI will not be liable for any other injury, loss, damage, or expense, whether direct or consequential, including but not limited to loss of use, income, profit, or production, or increased cost of operation, or spoilage of or damage to material, arising in connection with the sale, installation, use, or inability to use, or the repair or replacement of, DFI's products.

Any operation expressly prohibited in the operating instructions or safety manual furnished with the machine, or any adjustment, or assembly procedures not recommended or authorized in the operating or service instructions shall void such warranty.

c) THIS WARRANTY IS VOID UNLESS "DIVERSIFIED FABRICATORS WARRANTY" CARD IS COMPLETED AND RETURNED TO THE FACTORY AT GRIFFIN, GEORGIA WITHIN 30 DAYS AFTER DELIVERY OF UNIT TO CUSTOMER.

d) The laws of the State of Georgia apply to this transaction. DFI as mentioned on the front side of this invoice maintains a purchase money security interest in the machinery, equipment, and parts listed and maintains the right to file a U.C.C.-1 financing statement to perfect said interest. Buyer hereby waives signature for the execution of the U.C.C.-1 and grants DFI a limited Power of Attorney to execute on Buyer's behalf a U.C.C.-1 financing statement if necessary. As this is a commercial transaction, DFI maintains the right to declare the indebtedness created by this invoice in default if payment is not made within forty-five (45) days or is the Buyer breaches any other term of this invoice.

e) In the event of default, DFI shall have the right of self help repossession in addition to other remedies allowed under the laws of the State of Georgia. Additionally, DFI shall have the right to apply for an immediate writ of possession pursuant to O.C.G.A. §44-14-260 et seq. DFI shall be entitled in addition to the principal and interest reflected on the front of the invoices all costs of collection including 15% of the unpaid principal and interest as attorney fees.

f) Buyer listed on the front side of this invoice hereby agrees that this is a commercial transaction and waives any and all rights to notice of seizure by DFI if payment is not made within forty-five (45) days from the date of delivery on the front side of the invoice. Additionally, Buyer hereby waives and posting of bond by DFI for the issuance of the immediate writ of possession as outlined in O.C.G.A. §44-14-260 et seq.

ALWAYS GIVE PART NAME, NUMBER, AND EQUIPMENT SERIAL NUMBER WHEN ORDERING PARTS

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