



The Phoenix TL400 Lavatory Service Truck is designed to service commuter and narrow body commercial aircraft. It is a self contained module mounted in the bed of a Ford F-250 pickup truck. Phoenix uses a two tank system for lavatory servicing. The waste tank and flush tank are separate components fabricated from 304 stainless steel and are baffled in both directions. A hinged clean-out cover is provided on the waste tank for easy access to the dump valve to remove impediments. The waste tank has a tray to store the waste hose and to prevent spillage of waste onto the top of the unit. The waste hose drain into the waste tank is at a low height of 49” from the ground. The flush system uses a 12VDC electric motor driven pump to dispense the degerm solution. The pump and motor are located in the pump compartment of the service module on top of the waste tank, just ahead of the flush tank. Electrical power to run the pump and the optional 12 VDC heater is drawn from the truck battery. This eliminates the need for adapting to the chassis and engine, and eliminates the need for a hydraulic system.

The TL400 can also be sold as a kit to be installed in approved chassis that meet the minimum GVWR and have sufficient electrical charging capabilities (Ford F-Series pickup 2012+). The TL400 electrical system depends on the use of static engine control to increase alternator output in order to keep the truck battery optimally charged while performing servicing operations.



TL400 LAVATORY SERVICE TRUCK

SPECIFICATIONS

1. TANKS

WASTE TANK 240 US GALLONS

FLUSH TANK 160 US GALLONS

ALL TANK MATERIAL 304 ARE
STAINLESS STEEL

ALL TANK FITTINGS ARE
STAINLESS STEEL

4" BALL TYPE DUMP VALVE

LIQUID LEVEL GAUGE IN
DEGERM TANK

WASTE HOSE DRIP TRAY

2. SERVICE MODULE

STRUCTURAL STAINLESS
STEEL TUBING

STAINLESS STEEL DOORS

1/8" ALUMINUM DIAMOND
PLATE TOP

1/2" PLYWOOD TANK
SUPPORT

4. OPTIONS

FULL INSULATION

DEGERM TANK IMMERSION
HEATER

120 VAC SPACE HEATER

12 VDC SPACE HEATER

100 LB 1" BREAKAWAY
COUPLING

3. AIRCRAFT SERVICE SYSTEM

1 HP ELECTRIC PUMP, 18 GPM @ 35
PSI

1" X 15' REINFORCED PVC FLUSH
HOSE

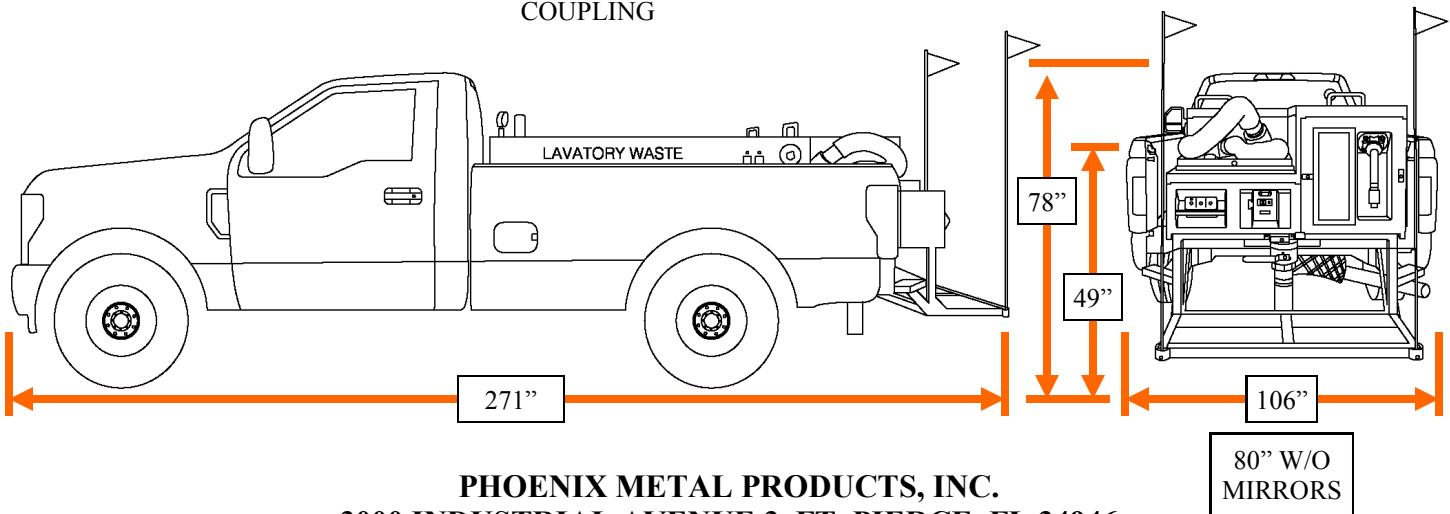
1" QUICK COUPLING

4" X 10' REINFORCED PVC WASTE
HOSE

4" STRAIGHT LOCKING COUPLING

LOW LIGHT SERVICE LIGHTING

RESETTABLE FLOW METER



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