

## **MODEL P60GPS DEICING CART**

### **Assembly & Operation Instructions**



#### **Assembly of Cart**

The Model P60GPS deicing cart is factory assembled, except for the trailer kit and wheels & the pressure gauge. Refer to the enclosed parts list for reference.

- Attach the axle to the bottom of the skid with (4) 3/8" x 1" flange lockscrews and (4) 3/8" flange locknuts.
- Bolt the tongue to the front of the skid with (8) 3/8" x 1" flange lockscrews and (8) 3/8" flange locknuts.
- Slide the wheels, with the valve stems outwards, onto the axle and use the (2) cotter pins to secure the wheels in place.
- If an Immersion Heater is supplied (but not factory installed to avoid shipping damage), screw it tightly onto the polypropylene tank fitting in the lower rear area.

**Important! Before use, you must add the proper grade and amount of oil to the engine crankcase and gasoline to the gas tank.**

#### **Component Manuals**

Manuals covering the gasoline engine and Hypro roller pump are enclosed. Please refer to these -- especially the engine manual -- prior to operating your cart.

#### **Parts Lists**

Parts for the Model P60GPS are available from Aircraft Deicing, Inc. Diagrams showing the respective subassemblies are enclosed. Please refer to the diagrams when ordering replacement parts.

#### **Technical Specifications**

- Cart mobility provided by ATV, tractor, etc.
- Heavy duty channel steel frame
- Tecumseh or Briggs 3.5 HP, 4-cycle, recoil start engine
- Hypro #4101 - 4 roller, positive displacement pump
- Adjustable pump settings - 0 to 150 PSI & 7.0 GPM max.
- Pressure gauge (0 - 200 PSI)
- 60 gallon polyethylene tank
- 25' of 3/8" ID high pressure hose
- Handgun w/18" brass extension
- Adjustable brass nozzle for deicing
- Large 15 x 600 - 6 pneumatic tubeless main tires
- 6" Polypropylene castoring nosewheel
- One year warranty

#### **Warranty**

The Model P60GPS is warranted against defects in materials and workmanship for one year from shipment. Please contact the engine manufacturer, the pump manufacturer, or us for warranty remedy.

#### **Operation of the Cart**

Test the operation of the cart by filling & operating the unit with clean water. Follow the procedure below, increasing the pressure to 150 psi to thoroughly test the system, checking for proper operation and leaks. After testing, remove all water & fill the tank with deicing fluid.

To operate the Model P60GPS, simply:

- Place deicing fluid in the tank.
- Make sure the nylon valve in the fluid supply line (between the tank and pump) is open, and fluid has reached the pump.
- Turn the knob on the pressure valve outward to minimize the initial pressure upon startup.
- Start the engine per the manufacturer's instructions. Make sure the correct quantity of gas and oil are present before starting the engine.
- Adjust pressure as desired by turning the pressure valve knob (out to decrease pressure; in to increase)
- Squeeze the handgun lever to begin operations. Do not point the handgun at any person.