

IMPORTANT: READ ALL SAFETY PRECAUTIONS BEFORE OPERATING THIS MACHINE

- **DO NOT** use this machine without a perimeter warning system
- This machine uses open flames. Care should be taken to prevent personal injury or property damage.
- When hoisting machine onto roof, **DO NOT** attach hoist around or near hoses, valves, burners or LPG lines.
- Visually inspect all hoses, valves and LPG lines every day for loose connections, cracks, or damage.
- Always keep a full ABC class fire extinguisher nearby while operating this machine.

Operating Instructions

To Operate Red Dragon Modified Bitumen Applicator:

1. Set roll of modified bitumen material. (Refer to manufacturer's recommended procedure.)
2. Hand torch tail of roll (18-24 inches).
3. Position Machine and Spool Roll through the spooling bar.
4. Light and adjust burners. (See Lighting Instructions on this page.)
5. Squeeze trigger on squeeze valve and walk backward pulling the machine towards you using the leverage bar and control handle. Exercise extreme caution when walking backward with machine. **DO NOT OPERATE MACHINE WITHIN 8' OF ROOF EDGE!**
6. As machine is being moved, torch to roll distance can be adjusted by pushing or pulling control handle.

BEFORE LIGHTING

- Check for *leaks* each day with soapy water (or commercial leak detector) *before operating machine.*
- **DO NOT USE ANY EQUIPMENT** with leaks present. *Repair leaks before operating machine.*
- Follow instructions on operator safety card packed with this unit.

Lighting Instructions

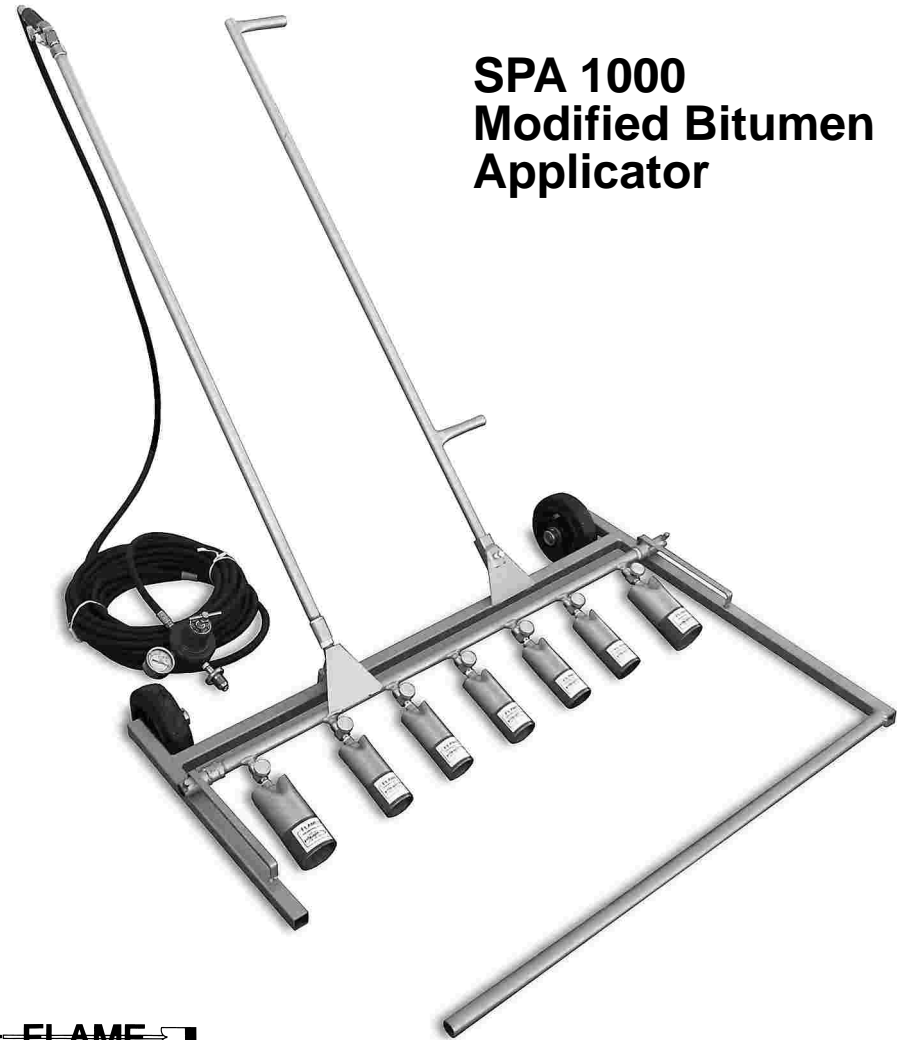
To Light the Burners:

1. Open all burner valves (located behind each burner).
2. Close pilot valve on squeeze valve assembly.
3. Open Fuel Supply.
4. Open pilot valve approximately 1/4 turn.
5. Light each burner with spark lighter.
6. Adjust regulator to 20-60 lbs. Lower pressure settings conserve fuel. Use the lowest setting that will allow you an adequate rate of application.
7. Adjust burner valves to provide balanced flame across roll.



Assembly and Operating Instructions

SPA 1000 Modified Bitumen Applicator

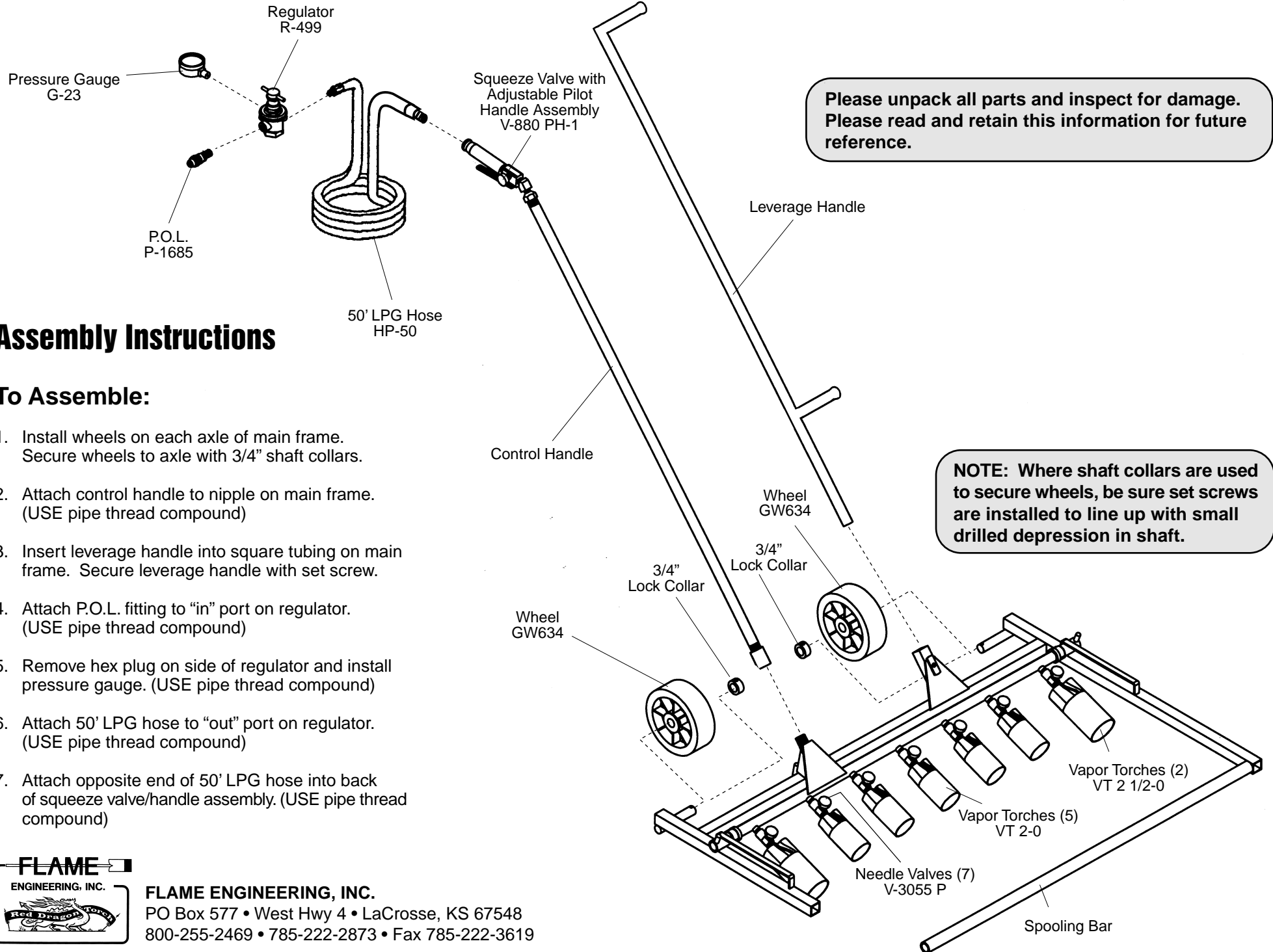


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READ ALL SAFETY PRECAUTIONS ON BACK BEFORE OPERATING THIS MACHINE



Please unpack all parts and inspect for damage. Please read and retain this information for future reference.

NOTE: Where shaft collars are used to secure wheels, be sure set screws are installed to line up with small drilled depression in shaft.

Assembly Instructions

To Assemble:

1. Install wheels on each axle of main frame. Secure wheels to axle with 3/4" shaft collars.
2. Attach control handle to nipple on main frame. (USE pipe thread compound)
3. Insert leverage handle into square tubing on main frame. Secure leverage handle with set screw.
4. Attach P.O.L. fitting to "in" port on regulator. (USE pipe thread compound)
5. Remove hex plug on side of regulator and install pressure gauge. (USE pipe thread compound)
6. Attach 50' LPG hose to "out" port on regulator. (USE pipe thread compound)
7. Attach opposite end of 50' LPG hose into back of squeeze valve/handle assembly. (USE pipe thread compound)



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