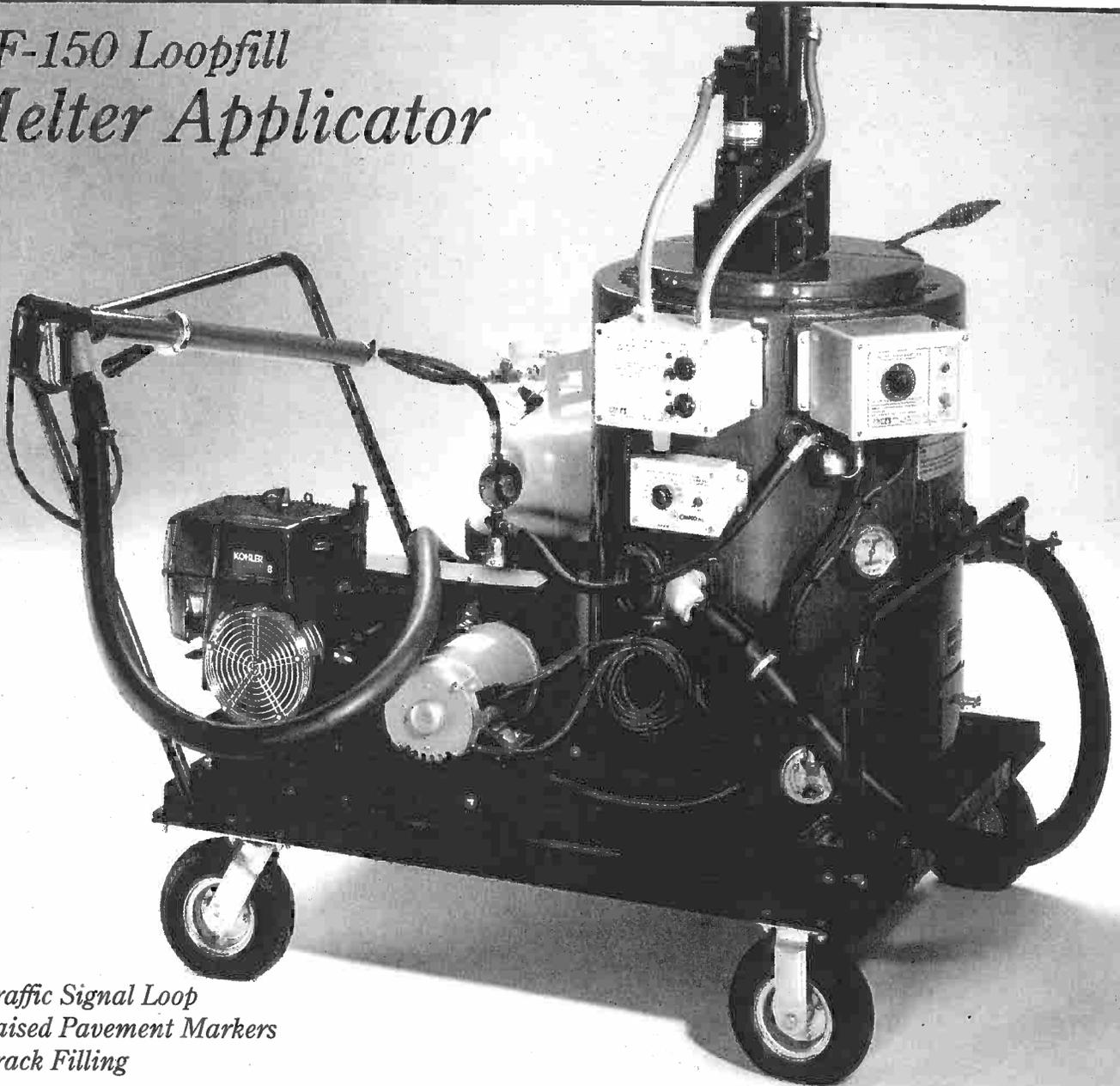


LF-150 Loopfill Melter Applicator



- *Traffic Signal Loop*
- *Raised Pavement Markers*
- *Crack Filling*

The LF-150 Loopfill machine is specifically designed to dispense hot melt materials for the sealing and protection of inductive traffic loops. The result of years of development and field testing, the LF-150 utilizes a patented concentric pump and agitator combination (U.S. patent #4,859,073). This unique feature creates full sweep agitation of the material, speeds the melt rate and eliminates the settling of fillers. The pump is made from case hardened steel, and has no seals to leak. This durable design virtually eliminates routine and preventive maintenance, yet will deliver years of reliable service. The pump and agitator are powered by a variable speed DC mo-

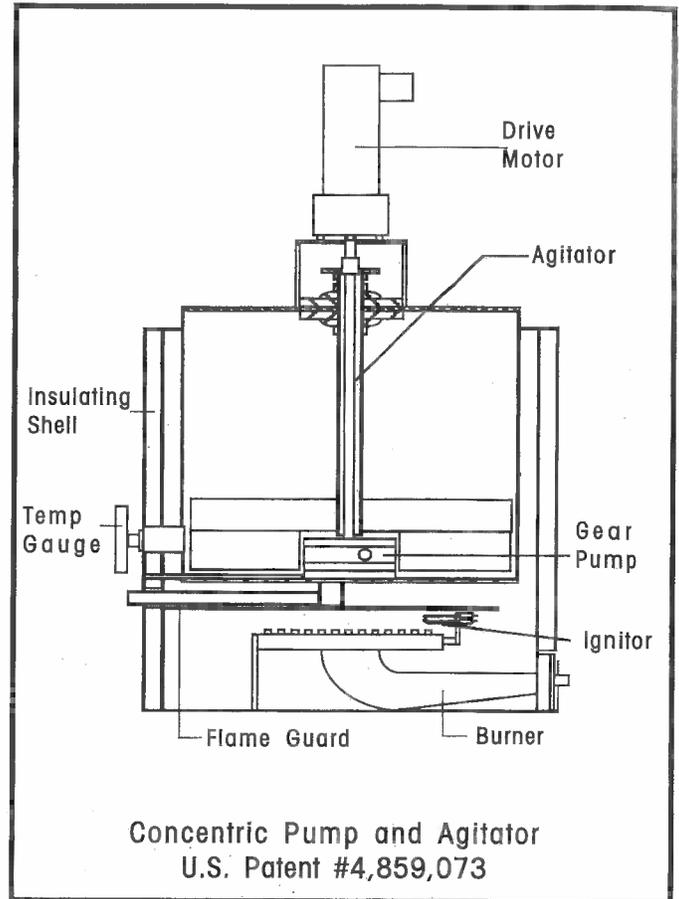
tor, allowing the operator to vary the output to suit the job. The LF-150 is equipped standard with a 10 foot heated hose and 36 inch dispensing wand to minimize operator fatigue and maximize productivity. A variety of optional hose, wand lengths and dispensing tips are also available. The equipment is self contained and skid mounted with forklift slots for ease of loading and unloading. Power is provided by a customer or distributor supplied 1800-2000 watt generator. This versatile unit can also be used to dispense bituminous materials for the placement of raised pavement markers, small crack and joint sealing projects.

CRAFCO™
INC

6975 W. Crafcow Way • Chandler AZ 85226 • (602) 276-0406 • (800) 528-8242 • FAX (602) 961-0513

SPECIFICATIONS LF-150

| | |
|---------------------------|---|
| CAPACITY: | 150 lbs with Specific gravity of 1. |
| PUMP OUTPUT: | 0 to .75 GPM. |
| PUMP AND CONTROLS: | Powered by 90 volt DC gear motor. Variable speed controller with current limiting adjustment. |
| MELTING TANK: | 19" I.D. x 25" O.D. x 16" Deep. 12 GA steel construction, LP fired with a ring type burner, with output of 75,000 BTU/HR. 1/4" Bottom plate. Equipped with flame guard/deflector. |
| ELECTRONIC IGNITION: | Direct spark electronic ignition system with safety shut down circuit. Warning light and buzzer when system "locks out". |
| TEMPERATURE CONTROL: | Material temperature is regulated by a capillary bulb type thermostat with a temperature range of 100° to 550° F. |
| AGITATOR: | Powered by 90 volt DC variable speed gearmotor. Electronic speed controller with current limiting adjustment. |
| PUMP: | Positive Displacement Gear Pump. Steel construction and case hardened .030" deep. No seals to maintain. |
| OUTPUT HOSE: | Electrically heated 10' stainless steel hose and 3' rigid dispensing wand with pistol grip handle and trigger actuation, with auxiliary handle. Two wire RTD sensor. |
| HOSE TEMPERATURE CONTROL: | Regulated by an electronic temperature controller with variable settings to 400° F. |
| ANTI-DRIP OUTPUT VALVE: | Disposable, mounted at end of hose to minimize dripping. The valve is pressure actuated and opens automatically when fluid pressure is applied. Rated at 425° F continuous duty. |
| TEMPERATURE INDICATION: | Material temperature indicated with 3" diameter dial thermometer (range: 50° to 500° F). |
| GENERATOR: | 1800-2000 watt propane converted. |
| STEEL SKID: | Unit is mounted on 10 GA steel skid, with fork lift slots for easy loading and unloading. |
| DIMENSIONS: | 48"L x 40"W x 60"H |
| WEIGHT: | Approx. 500 lbs. |



BAX LF-150 Features

- ☆ Patented Concentric Pump/Agitator
- ☆ Variable pumping rate to suite conditions
- ☆ Designed for minimal maintenance
- ☆ Duckbill valve minimizes material dripping
- ☆ Heated output hose & dispensing wand for consistent material flow

Specifications are subject to change without notice:
**DISTRIBUTED AND SERVICED
BY:**

CRAFCO™ INC

LF-150 MELTER APPLICATOR

PART NUMBER 50800

LF-150 MELTER APPLICATOR

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INTRODUCTION

Congratulations on your purchase of a CrafcO, Inc. LF-150 Melter Applicator. This machine is a propane fired, positive displacement devise for dispensing hot melt sealants for the road maintenance industry. The pump rate can be quickly adjusted anywhere within the output range of the machine. All parts that require periodic replacement or maintenance are easily and quickly accessible to minimize down time. This machine is designed to be used out doors only with proper ventilation areas.

Note: There are many options available with these machines. Not all features listed in this manual may be applicable to all machines.

In addition to the LF-150 CrafcO, Inc. manufactures a complete line of larger melter applicators as well as sealants and adhesives. For more information, call your CrafcO Customer Service Representative.

CRAFCO, INC.
6975 W. CrafcO Way
Chandler, AZ 85226
(602) 276-0406
Fax: (602) 961-0513

SAFETY PRECAUTIONS

- High operating temperatures of the LF-150 require protective clothing and gloves be worn by operator.
- Always wear eye protection.
- Observe all **CAUTION AND WARNING** signs posted on machine.
- Avoid bodily contact with hot metal or serious burns may result.
- Read Operator Manual thoroughly before operating machine.
- Make sure operator is familiar with machine operation.
- Do not operate in closed building or confined areas.
- Shut-down Melter & Engine prior to refilling LPG Tanks.
- Keep hands, feet and clothing away from all moving parts.
- Always keep a fire extinguisher near the unit. Maintain extinguisher properly and be familiar with its use.
- Follow operating instructions for starting and shut-down.
- Replace any hoses which show signs of wear, fraying or splitting. Be sure all fittings and joints are tight and leakproof.
- Precaution is the best insurance against accidents.
- The LF-150 should not be left unattended with burner on.
- Tighten all Bolts & Screws after every 100 hours of operation.

CRAFCO, INC. assumes no Liability for an accident or injury incurred through improper use of the Machine.

CRAFCO, INC. LF-150 LIMITED WARRANTY

CRAFCO, Inc., through its authorized distributor, will replace for the original purchaser free of charge any parts found upon examination by the factory at Chandler, Arizona, to be defective in material or workmanship. This warranty is for a period within 60 days of purchase date, but excludes engine/or components, tires, and battery as these items are subject to warranties issued by their manufacturers.

After 60 days, CrafcO, Inc. warrants structural parts, excluding heating system, hydraulic components, and electrical components for a period of (1) one year from date of delivery. CrafcO, Inc., shall not be liable for parts that have been damaged by accident, alteration abuse, improper lubrication/maintenance, normal wear, or other cause beyond our control.

The warranty provided herein extends only to the repair and/or replacement of those components on the equipment covered above and does not cover labor costs. The warranty does not extend to incidental or consequential damages incurred as a result of any defect covered by this warranty.

All transportation and labor costs incurred by the purchaser in submitting or repairing covered components must be bore by the purchaser.

CrafcO, Inc., specifically disavows any other representation, warranty or liability related to the condition or use of the product.

Warning - Use of replacement parts other than genuine CrafcO parts may impair the safety or reliability of your equipment and nullifies any warranty.

CRAFCO, INC.

WARRANTY CLAIM INSTRUCTIONS

Please follow the instructions stated below when calling in a Warranty Claim. Failure to follow these procedures may be cause to void the warranty.

- (1) Call your local Crafcoc Distributor. If you do not know who your local distributor is, call a Crafcoc Customer Service Representative, (Toll Free 1-800-528-8242) for name, location and telephone number).
- (2) On contacting the Distributor, be prepared to identify the machine type, model number and serial number, also the date of purchase if available.
- (3) Should the cause of the malfunction be a defective part, the Distributor will advise you of the procedure to follow for a replacement.
- (4) The warranty is valid only for parts which have been supplied or recommended by Crafcoc, Inc.

If you have any additional questions regarding warranty repairs and parts, please do not hesitate to call toll free 1-800-528-8242.

CRAFCO, INC.
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Chandler, AZ 85226
(602) 276-0406
Fax: (602) 961-0513

ASSEMBLY AND CHECK-OUT

Inspect the machine for obvious shipping damage after removing from the shipping crate. **If such damage has occurred, notify the carrier at once. Claims for damage must be made by the consignee to the carrier.**

DO NOT TURN THE MACHINE "ON". Be sure all switches are in the "OFF" position.

Connect a full propane bottle to the hose and regulator supplied with the machine.

Make sure the 120 volt power cord is connected to the generator. Also be sure the gas ignition module is connected to a 12 volt DC source. The gas ignitions system operates on 12 volts DC.

CHECKING TEMPERATURE CONTROL CALIBRATION

The temperature control system is calibrated at the factory during testing; however, it is a good practice to check calibration when machine is first placed in service. Also, check calibration periodically (each 50 hours of operation is recommended). The material gauge should coincide with the temperature control dial.

To check calibration, the machine must be level. Start up burner per instructions. Set temperature dial at 300 degrees F. Leave burner on until material gauge registers 250 degrees F. Slowly turn temperature dial down until a click is heard or burner shuts off. If temperature dial at this point reads differently, re calibration is required.

RE CALIBRATE THE TEMPERATURE CONTROLS

To re calibrate, set the temperature dial at 350 degrees F. When the burner shuts off, carefully pull the temperature dial off the spindle. Be careful not to move the spindle during the adjustment. With a jeweler's screwdriver (or the flattened end of a paper clip) turn the adjusting screw inside the spindle counter clockwise no more than 1/8 turn to start the burner, to increase the temperature (1/8 turn will raise the temperature 15-20 degrees F) Continue to turn the spindle as needed to adjust as needed. Carefully replace temperature dial after each adjustment. Both the dial and the temperature gauge should read approximately the same temperature when adjustment is completed.

STARTING THE ENGINE

Open valve on propane bottle by turning knob counter clockwise.

Depress priming button on the SD zero flow regulator mounted next to the engine. Button should be depressed for approximately 2 seconds. Turn ignition key to start position. Motor should start. If motor does not start, depress button on SD regulator again and try to start engine again.

After motor starts, allow generator to warm up for several minutes before turning machine on.

LIGHTING THE MELTER

Be sure system is supplied with 12 volts DC. Engine must be running to operate ignition system and machine. Adjust temperature control knob to the desired temperature. (Note! The temperature setting must be above the ambient and the material temperature for burner to ignite.) If system has been previously lighted and has gone into "lockout", turn switch to the "OFF" position and wait 2 minutes before attempting to re-light. This allows any residual gas to exit the combustion chamber.

Move toggle switch to the "ON" position. The "lockout" and burner "ON" lamp will light and the buzzer will sound for a few seconds then the system will try for ignition. System should ignite immediately. When system lights, the red "burner on" lamp will light. This light will be lit only when there is flame present in the combustion chamber.

If system does not ignite, the "lockout" lamp will come on and the warning buzzer will sound. This indicates that the system has "locked out". If system "locks out", turn the switch to the "OFF" position to reset ignition module and repeat steps 1 and 2. If system still does not ignite, consult manual for trouble shooting.

When system is ignited, the temperature control will automatically cycle on and off at the desired set temperature. The "burner on" lamp will cycle on and off with the burner.

If the flame is extinguished for any reason, the system will automatically try and re-light one time and then will go into a "lock out" condition. If this happens, the red warning lamp will come on and the buzzer will sound. Follow steps 1 and 2 to re-light system.

DO NOT EXCEED 425 DEGREES FAHRENHEIT MATERIAL TEMPERATURE AT ANY TIME!! CONSULT MATERIAL MANUFACTURER FOR PROPER OPERATING TEMPERATURE AND SAFETY PRECAUTIONS FOR SPECIFIC MATERIALS.

ADDING MATERIAL TO THE MELTER

HOT MELT MATERIALS CAN CAUSE SEVERE BURNS. PROTECTIVE CLOTHING SHOULD BE WORN AT ALL TIMES WHEN FILLING OR OPERATING THIS EQUIPMENT. READ ENTIRE MANUAL BEFORE OPERATING.

Material may be added to the melter when hot or cold. The agitator should be turned off when adding material.

Use sealant or adhesive packaged to fit the melter opening. If you have questions, contact Crafc0, Inc.

Turn off agitator, lift lid of melter and slowly add material to the desired level. **DO NOT OVERFILL. DO NOT FILL MORE THAN 6 INCHES FROM THE TOP EDGE. Important!!** Care should be taken to avoid getting foreign particles such as road gravel, dirt and debris in the material. Debris of this nature can clog or damage the output line and pumping system.

Materials should be added a small amount at a time when in operation rather than in large quantities. This will prevent the material temperature from dropping excessively. Adding material on the continuous basis in small quantities is recommended.

ADJUSTING THE AGITATOR SPEED

The agitator is powered by gear reduces DC powered motor which can be run continuously to prevent settling of the filler in the material. The agitator should not be operated when the material is solid.

Allow the material to heat for about 15 or 20 minutes after lighting the burner before attempting to operate the agitator. The material should be melted about 1/2 to 3/4 of an inch around the entire inside edges of the melter.

Adjust the agitator speed to its lowest setting by turning the knob on the motor control module fully counter clockwise.

Turn agitator switch to the "ON" position. Slowly increase the agitator motor speed control until the agitator starts turning slowly. The controllers are equipped with overload protection devices. An overload condition is indicated by surging of the motor. If the motor begins surging heavily when the speed is increased, turn agitator off and wait several more minutes for the material to soften more around the edges. **Do not continue to operate agitator in an overload condition as damage may occur to the motor gearbox.**

As the material continues to melt, the agitator speed may be increased to the desired speed.

HEATED HOSE, WAND AND CONTROLLER

NOTE!! The hose must be up to temperature before dispensing can take place. **IMPORTANT!!** Do not twist or kink hose. Avoid sharp bends and continuous twisting. Maintain minimum 10" bend radius. Do not exceed 400 degrees!! Do not move or bend hose when cold. Damage may result.

The heated hose supplied with the machine is Teflon lined with a stainless steel overbraid. It has a heating element which runs down the hose to heat the material within the hose. The hose is insulated with silicone foam rubber and is covered with a durable rubber outer covering. The wand has an aluminum tube to protect both the wand and the operator. The pistol grip actuator is equipped with an electric switch which when depressed sends a signal to actuate the pump. At the end of the wand a high temperature elastomeric output valve is attached. The valve is pressure actuated and opens automatically when fluid pressure is applied. **The wand is equipped with a trigger lock to prevent accidental pump actuation when not dispensing material. This trigger lock should be in the "LOCKED" position at all times except when intentionally dispensing material.**

Be sure hose controller switch is in the "OFF" position.

When material in melter reaches approximately 300 degrees Fahrenheit, switch hose controller to the "ON" position. Adjust the temperature dial to approximately 400 degrees. The hose will come up to temperature in approximately 30 minutes. After hose is hot, the temperature may be reduced to approximately 360 degrees. A little experimentation will determine the optimum temperature. It is advisable to run the hose at the lowest temperature setting possible.

IT IS STRONGLY RECOMMENDED THAT A HOLSTER BE MOUNTED IN A PLACE CONVENIENT TO THE OPERATOR TO HELP PREVENT TWISTING OR KINKING. THE HOSE CAN THEN BE STORED THERE WHEN NOT IN USE OR WHEN IN TRANSIT.

DISPENSING MATERIAL

NOTE!!! PROTECTIVE CLOTHING, GLOVES AND FACE SHIELD SHOULD BE WORN WHEN OPERATING OR FILLING THIS EQUIPMENT. READ ENTIRE MANUAL BEFORE OPERATING.

When the material and the hose have reached proper application temperature, you are ready to dispense material. The LF-150 wand is equipped with a disposable duckbill valve on the end which shuts off the flow of material when the pump is turned off and prevents excessive dripping of material. This valve also directs the material in a thin narrow stream to make it easy to inject into loop slots, etc.

Some difficulty may be encountered when starting up on cold days. Although the wand is designed to heat the material all the way down to the tip, on cold days it may be necessary to place the tip of the wand inside the melting pot lid to facilitate material melting in the valve. Insert the wand tip under the lid of the melter **without submerging it in the material**. Leave wand in top of melter for approximately five minutes before proceeding.

You are now ready to dispense material. Turn the pump speed to its lowest setting by turning the speed control knob fully counter clockwise. Turn pump switch to the "ON" position. With the wand tip inserted into the top of the melter, depress trigger on the wand and slowly increase pump speed by turning the speed control knob clockwise until the motor starts to turn. Material should be dispensed from the tip of the duckbill valve. Adjust the pump speed for the desired rate of flow for the application and dispense material as required. The rate of dispensing may be varied while the pump is running by rotating the speed control knob in a clockwise direction.

NEVER POINT WAND AT ANY PART OF THE BODY OR AT ANY OTHER PEOPLE. HOT MELT MATERIALS CAN CAUSE SEVERE BURNS. WEAR PROTECTIVE EQUIPMENT WHEN FILLING OR OPERATING THIS EQUIPMENT. READ MANUAL BEFORE OPERATING.

INLET FILTER/MATERIAL STRAINER

The LF-150 Melter Applicator is equipped with an inlet filter/material strainer. This strainer keeps the rocks and other foreign material present in the material from entering and plugging the hose or pump. This strainer is located at the inlet port of the pump which is mounted in the center of the melting pot.

SHUT DOWN PROCEDURE

When shutting down the machine for the day, there are several schools of thought about how much material to leave in the machine. CrafcO recommends leaving the melter about half full. This will give a fairly rapid heat up rate in the morning, but will allow enough material to start dispensing right away when the material becomes molten. Also, if your material has fillers which tend to settle, it is advisable to allow the agitator to run after turning off the burner until the material starts to thicken to prevent the filler from settling to the bottom of the kettle. The shut down procedure is as follows.

1. Turn pump to the "OFF" position.
2. Turn gas ignition module switch to the "OFF" position.
3. Turn hose controller to the "OFF" position.
4. Store hose in a secure place. Brackets or a holster to hang the hose when traveling are desirable. Important!! Do not kink or twist hose as permanent damage will result.
5. Keep agitator running until material begins to thicken. About 30 minutes if your material has fillers which settle. Turn agitator switch to the "OFF" position.

LF-150 TROUBLE SHOOTING

| Problem | Cause |
|---|--|
| Pump will not rotate. No movement at all. | Material not up to temperature. Circuit breaker switch tripped. No voltage to wand switch. Bad switch in wand. Broken wire in messenger wires to wand. Obstruction in pump. Defective motor controller |
| Pump operates but no material is discharged. | Not enough material in melter. Hose not up to temperature. Obstruction at pump inlet. Obstruction in hose. Hose twisted or kinked. Duckbill valve obstructed. Material too hot and "gassing off" Pump shaft disconnected from drive motor. Worn pump plate or gears. |
| Machine pumps but dispensing is too slow. | Material not up to temperature. Hose not up to temperature. Hose temperature setting too low. |
| Agitator does not turn or turns sporadically. | Material not molten yet. Obstruction in melter jamming agitator. Worn brushes in motor. Defective motor. Defective gearbox. Defective agitator bearings. |
| Hose does not get hot. | Hose not plugged in. Controller turned off or not set properly. No voltage or low voltage from generator. Defective hose consult factory. Defective Controller (Consult the factory). |
| Burner will not light or stay lit. | Propane bottle turned off. Machine out of propane. Air in line from switching propane bottles. Defective ignition electrode. Defective ignition module. Loose wires somewhere in system. Plugged burner orifices. |
| Engine will not start. | Propane turned off. Defective SD regulator. Consult factory. |

DAILY MAINTENANCE (OR EVERY 4 HOURS WHICHEVER IS LESS)

Check engine oil. Fill as required.
Check propane level. Fill as required.

Inspect machine carefully for loose nuts and bolts, damaged hoses, duckbills etc.

PERIODIC MAINTENANCE

Pump and Agitator Gearbox Oil (Hodson 4111 or Gulf Harmony #121)
Units are lubricated for life at the factory. If major service or repair is required consult the factory.

Pump and Agitator Motor Brushes
Inspect every 200 hours initially. Not more than 500 hours after a wear pattern is established.

Agitator Bearings ("Lubriplate AR Shield Heavy)
Grease monthly.

Engine (10W-30 detergent oil only)
Check oil every 4 hours of running time minimum.
Change oil every 50 hours of running time or sooner.
Change air cleaners every 25 hours of running time or sooner.
See engine manufacturers manual for other specific maintenance items.

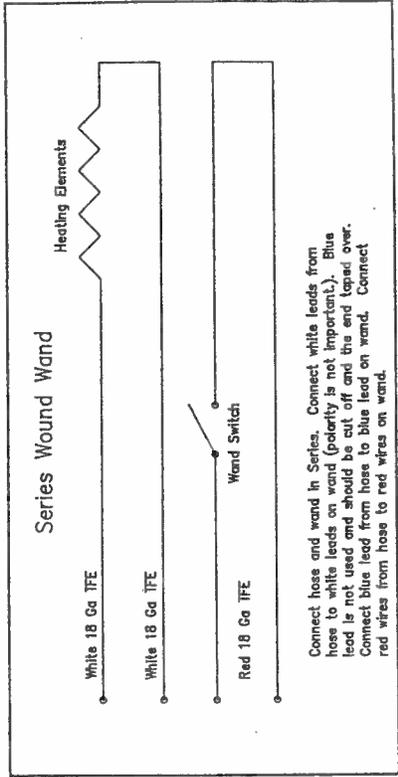
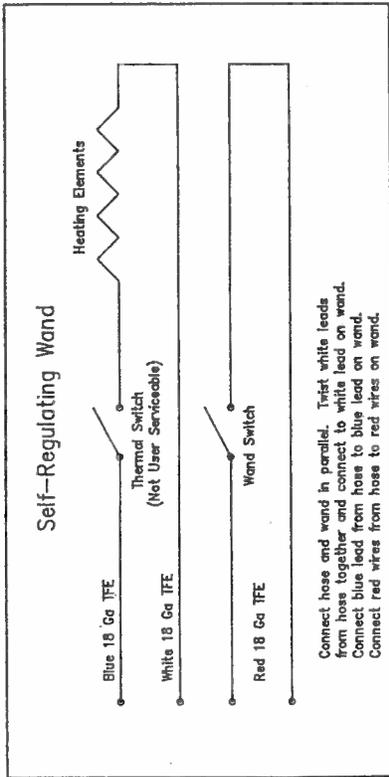
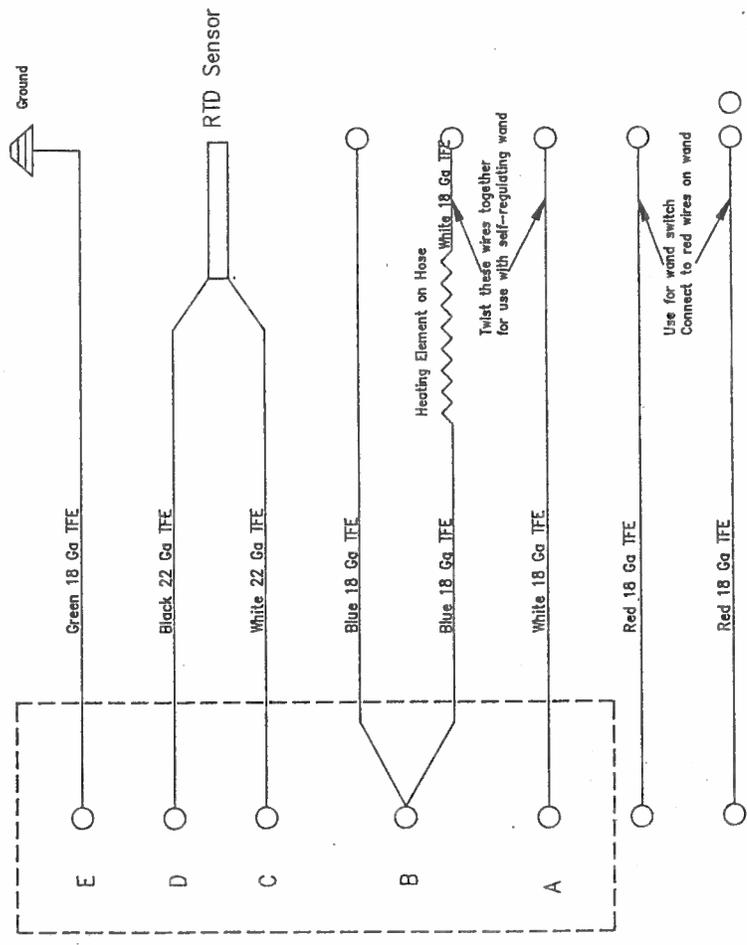
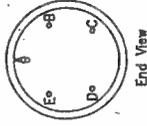
LF-150 PARTS LIST

| ITEM NO. | DESCRIPTION | QTY./ UNIT | PART NO. | CRAFCO PART NO. |
|----------|------------------------------------|------------|-------------|-----------------|
| 1. | Pump gears | 1 ea. | LF-001 | 50821 |
| 2. | Melting Tank Assembly | 1 ea. | LF-003 | 50820 |
| 3. | Center Pump Plate | 1 ea. | LF-004 | 50823 |
| 4. | Bottom Pump Plate | 1 ea. | LF-005 | 50824 |
| 5. | Top Pump Plate | 1 ea. | LF-006 | 50825 |
| 6. | Agitator | 1 ea. | LF-007 | 50826 |
| 7. | Bearing | 1 ea. | LF-008 | 50827 |
| 8. | Melter Cover | 1 ea. | LF-009 | 50828 |
| 9. | 16 Tooth Sprocket | 1 ea. | LF-010 | 50829 |
| 10. | 9 Tooth Sprocket | 1 ea. | LF-011 | 50830 |
| 11. | Coupling Spider | 1 ea. | LF-012 | 41182 |
| 12. | Motor Mounting Bracket | 1 ea. | LF-013 | 50832 |
| 13. | Burner Mounting Bracket | 2 ea. | LF-015 | 50079 |
| 14. | Pump Drive Shaft | 1 ea. | LF-017 | 50835 |
| 15. | Cart Handle | 1 ea. | LF-019 | 50836 |
| 16. | Motor to Drive Shaft Coupling | 2 ea. | LF-020 | 50837 |
| 17. | Pump Drive Motor | 1 ea. | LF-022 | 50839 |
| 18. | Inlet Filter | 1 ea. | LF-025 | 50882 |
| 19. | Wand Holster | 1 ea. | LF-026 | 50890 |
| 20. | Front Chain Guard | 1 ea. | LF-027 | 50840 |
| 21. | Rear Chain Guard | 1 ea. | LF-028 | 50841 |
| 22. | Motor Control Module | 1 ea. | LF-029 | 50700 |
| 23. | Skid | 1 ea. | LF-030 | 50843 |
| 24. | Ignitor Mounting Bracket | 1 ea. | LF-031 | 50071 |
| 25. | Caster with Brake | 2 ea. | LF-032 | 50844 |
| 26. | Fixed Caster | 2 ea. | LF-033 | 50872 |
| 27. | Hose Boom Assembly | 1 ea. | LF-036 | 50845 |
| 28. | Swivel Elbow, 1/2 FPT x 1/2 Swivel | 1 ea. | LF-038 | 50870 |
| 29. | Duckbill Valve | 3 ea. | LF-045 | 50881 |
| 30. | Hose Temperature Controller | 1 ea. | 020-0029 | 50030 |
| 31. | 3 ft. Wand | 1 ea. | 020-0098-36 | 50801 |
| 32. | Agitator Drive Motor | 1 ea. | 020-0105 | 50220 |
| 33. | 15 ft. Heated Hose | 1 ea. | 020-0106 | 50500 |
| 34. | Propane Bottle Mounting Bracket | 1 ea. | 030-0197 | 50095 |
| 35. | Chain #40 | 1.5 ft. | 050-0061 | 29454 |
| 36. | Connecting Link, #40 | 1 ea. | 050-0088 | 50436 |
| 37. | Insulation | 15 ft. | 160-0093 | 50076 |
| 38. | 3" Dial Thermometer x 2½" | 1 ea. | 170-0008 | 50077 |
| 39. | 10" Ring Burner | 1 ea. | 170-0009 | 50078 |
| 40. | Gas Control Module (Complete) | 1 ea. | 170-0042 | 50069 |
| 41. | Electrode | 1 ea. | 170-0047 | 50070 |
| 42. | Burner Orifice | 1 ea. | — | 50883 |
| 43. | Ignition Module | 1 ea. | 170-0035 | 50558 |

REVISIONS

| DATE | REV | BY | DESCRIPTION |
|------|-----|----|-------------|
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NOTES



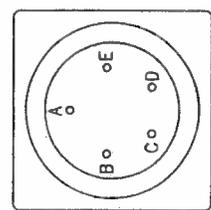
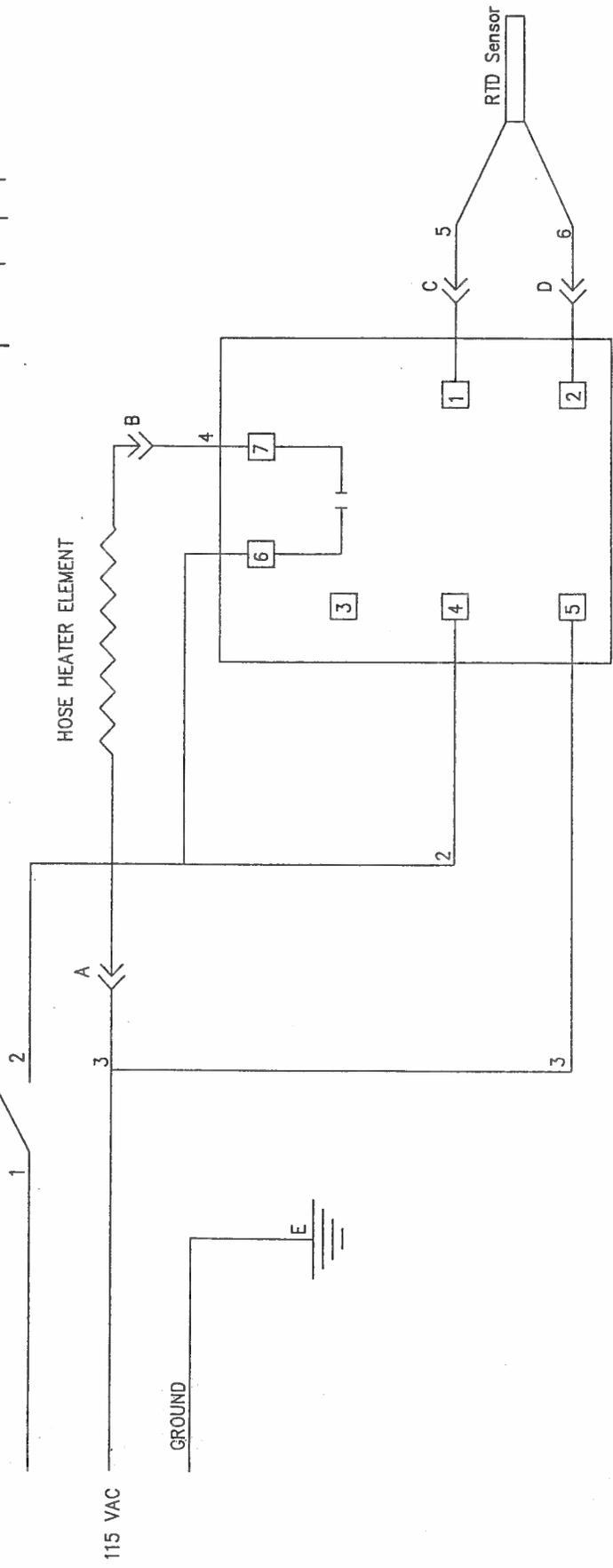
| SIGNATURES | DATES |
|--|--------------|
| DRAWN BY: SCHWABE | 7/23/88 |
| APPROVED: | |
| <small>THIS DESIGN CONTAINS INFORMATION PROPRIETARY TO CRAFCO, INC. AND IS THE PROPERTY OF CRAFCO, INC. IT IS TO BE KEPT CONFIDENTIAL AND NOT REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF CRAFCO, INC.</small> | |
| <small>TOLERANCES: (UNLESS OTHERWISE SPECIFIED)</small> X ± .08 XX ± .05 XXX ± .015 ANGLES ± 1/2° MATERIAL | |
| XXX | STOCK# XXXXX |

| | |
|--------------------------------|----------------------|
| CRAFCO INC. | |
| TITLE SCHEMATIC, HOSE AND WAND | |
| SIZE DWG NO. B | 26520 |
| SCALE NONE | DO NOT SCALE DRAWING |
| SHEET 1 OF 1 | |

NOTES:

| REVISIONS | |
|-----------|-------------|
| DATE | DESCRIPTION |
| | |
| | |

POWER SWITCH /
CIRCUIT BREAKER



VIEW OF RECEPTACLE
AT POINTS
OUTSIDE OF BOX

| SIGNATURES | DATES |
|--|---------------|
| | 2/21/74 |
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| XXX | STOCK # XXXXX |

CRAFCO INC.

TITLE SCHEMATIC, ELECTRICAL
HOSE CONTROLLER

| | |
|--------------|--------|
| SIZE DWG NO. | REV. |
| B | 0 |
| SCALE | SHEET |
| NONE | 1 OF 1 |