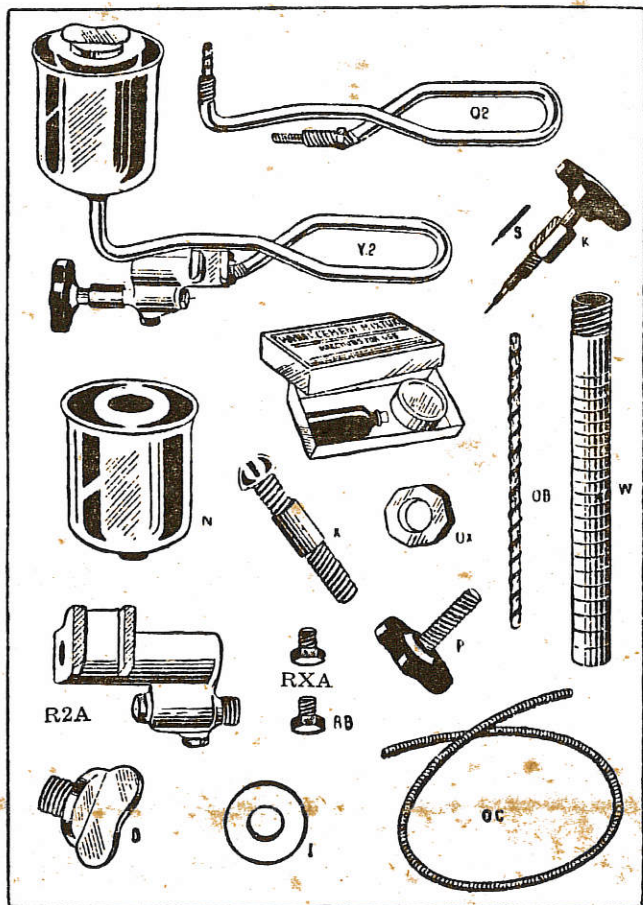




#### IRON PARTS DRAWN AND LISTED

- |                                                                     |                             |
|---------------------------------------------------------------------|-----------------------------|
| N—Tank                                                              | P—Top Plate Button          |
| D—Filler Plug                                                       | OC—Steel Retarding Coil     |
| I—Filler Plug Washer                                                | X—Screw for under Top Plate |
| W—Burner Tube                                                       | OX—Lock Nut for Generator.  |
| RXA—Nipple for Valve Body                                           | O2—Generator Complete       |
| K—Needle Valve complete with<br>button, packing nut and part<br>(S) | R2A—Combination Valve Body  |
| S—Needle Point for part (K)                                         | RB—Cleaning screw for R2A   |
| OB—Copper Filtering Coil                                            | Y2—Complete Working Unit    |
|                                                                     | Handi Cement Outfit         |

#### IRON PARTS LISTED BUT NOT DRAWN

- T—Wooden Handle H2—Base A2—Top Plate, Handle and Strap

#### THE HANDI GUARANTEE

**E**VERY Handi product is thoroughly tested and inspected before it leaves the factory. We guarantee each article to give satisfactory service if operated in accordance with the printed instructions provided. Any parts found to be faulty in any way will be replaced free of charge when returned. All parts of the Handi Pumpless Iron, if unobtainable from your storekeeper, are ALWAYS procurable from the following—

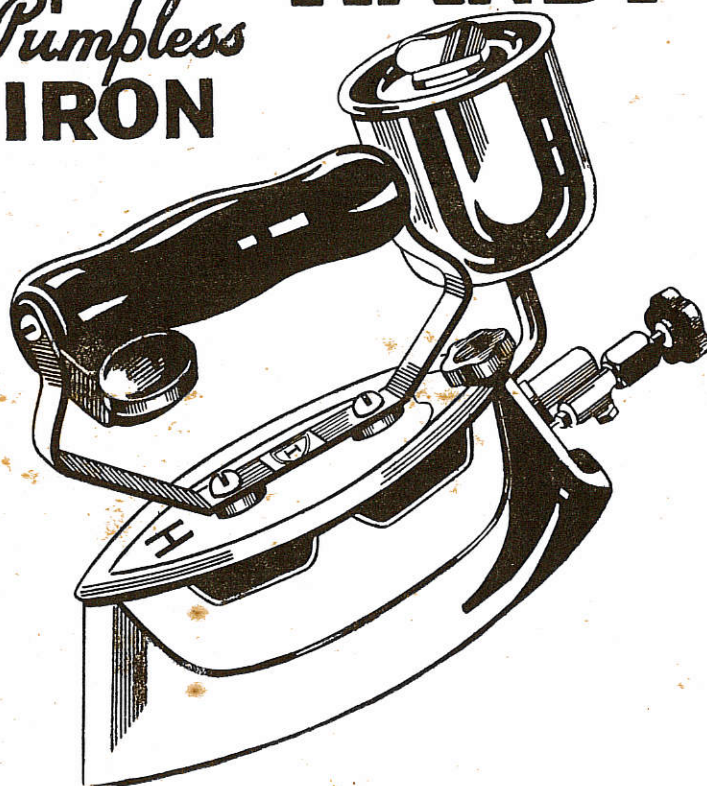
**HANDI WORKS PTY. LIMITED**, Evans Rd., Salisbury North, Queensland. 4107

**KEVIN M. GRAINGER & CO.**, 25 Falcon St., Crows Nest, N.S.W. 2065

**JAMES SHIELDS & CO. PTY. LTD.**, 219 Nelson Place, Williamstown, Victoria. 3016

**PIERCY & NOTT PTY. LTD.**, 47 Molesworth Street, Lismore, N.S.W. 2480.

## Directions for Operating the Improved Pumpless **HANDI** IRON



## HANDI WORKS PTY. LIMITED

Evans Road, Salisbury North, Brisbane,  
Queensland. 4107

#### IMPORTANT—

Always see that tank is completely filled each time before using. **We recommend the use of Shellite. A Shell Product.**

Remove Filler Plug after ironing is completed so as to allow excess pressure to escape.

## DIRECTIONS FOR OPERATING THE HANDI AUTOMATIC PRESSURE IRON, MODEL 2

Read instructions carefully. Always remember, the best results and service are obtainable by using the best spirit for fuel.

**We recommend Shellite, a product of The Shell Co. of Aust. Ltd.,** being a special fuel designed for use in petrol irons and similar type units. The HANDI Patented Iron supplies all pressure required without need of using a pump.

### A. TO FILL IRON TANK

See that needle valve (K) is closed. Remove filler plug and fill tank to just below filler plug socket with clean petrol. When replacing filler plug, see that it is properly screwed down, and is gas tight. Do not use pliers.

### B. TO LIGHT IRON

Unscrew top plate button (P) and remove top plate. Pour 1½ tablespoons methylated spirits into the base. Light the spirits and allow it to burn nearly out. Then open needle valve (K) 3 full turns. A gas flame should then appear in the burner tube (W). If flame is yellow, it shows gas is not properly generated. Open valve a little further, and allow gas to burn until yellow flame disappears. Then adjust flame to required heat for using. The top plate and top plate button (P) should now be replaced. Do NOT place top plate over methylated spirits whilst burning.

### C. TO REFILL TANK

The Handi patent tank cannot be overfilled and holds sufficient fuel for approximately two hours ironing. If more ironing is required, **close needle valve (K) and see that flame is out.** Then refill the tank with fuel. Replace filler plug and see that it is tight.

C 1. It is not necessary to preheat with methylated spirits again. Just open valve as in (B), place a match on the burner and it will light. Allow the iron about two or three minutes to generate the cold petrol properly.

### D. TO RE-LIGHT IRON AFTER USING

If iron gets too hot or you want to save fuel, the flame can be put out and re-lit by opening valve (K), see C 1. Ten minutes would be a reasonable time to have flame out, provided iron was hot when it was put out.

E. Should tank of fuel be not all used at one ironing, and tank is not refilled at next occasion, remove the filler plug for a second and replace before pre-heating generator.

Iron will burn best if tank is filled each time before using methylated spirits for starting.

## INSTRUCTIONS FOR MAINTENANCE OF HANDI AUTOMATIC PRESSURE IRON, MODEL 2

### 1. IF IRON LOSES PRESSURE

- Leaking Gland Nut.** If the gland nut on the combination valve body (R2A) is leaking, tighten with spanner. If it still leaks, remove the needle valve (K) and put more packing into the gland nut and replace. Use asbestos string as packing.
- Leaking Filler Plug (D).** This necessitates a new filler plug washer to remedy this.

### 2. IF IRON FLARES

- See Memo No. 1, a and b.
- Broken Needle (S).** Remove needle valve (K) and unscrew broken needle, and then screw new needle into needle valve (K) as far as the nick on the needle.
- Burner Tube (W) Burnt Out.** A new burner tube will be required. Unscrew old burner tube and replace with new one, making sure that the saw cuts are turned down, otherwise the heat will be directed upwards towards the handle instead of on to the base.
- Needle (S) Bent.** If unable to straighten, will need new needle. (Follow instructions as in No. 2b).
- If leaded petrol has been used, the iron will flare in a very short period. To remedy, clean iron thoroughly, and fill container with **SHELLITE**.

### 3. IF IRON WILL NOT LIGHT

- Look to Memo No. 1 b.
- Carbonised Generator.** This necessitates a new copper filtering coil (OB) and a new retarding coil (OC) and the repairing is gone about in the following way—

- Unscrew combination valve body (R2A) from generator tube and remove the needle valve (K). Then clean out combination valve body and nipple (RXA).
- Remove filler plug from tank.
- Blow through generator tube and see if it is still clogged up. (It may have been the combination jet was clogged).
- Remove retarding coil (OC).
- Unscrew tank from generator tube.
- Remove copper filtering coil (OB).
- Blow through generator tube and make sure that it is clear.
- Mix up some Handi Special Cement (see 14). (About sufficient to cover five cent piece will be enough).
- Push new retarding coil into the generator and allow it to stand ¼ inch outside the thread, at the valve body end.
- Push new copper filtering coil into generator at tank end until you feel it touch the retarding coil. (Make sure you do not push retarding coil any further than ¼ inch outside the thread).
- Apply Handi Special Cement to thread at valve body end of generator (O2). **Important.**
- Screw valve body up to locking nut and tighten locking nut.
- Replace needle valve (K) in valve body.
- Apply Handi Special Cement to tank end of generator. **Important.**
- Screw tank on until it tightens up.
- IMPORTANT. MAKE SURE THAT YOU FIT THE IRON UP WITH THE BOTH COILS BECAUSE IF YOU DON'T THE IRON WILL DEVELOP TOO MUCH PRESSURE.**

Handi Special Cement can be used on any appliance where petrol leakage is possible.

## HINTS IN REGARD TO THE USE OF PETROL IN IRONS

- Do not fill the tank of the iron near an open flame or fire.
- Always make sure that the flame in iron is out before filling tank.
- Do not use any petrol containing lubricating oils, graphite, ethyl fluid or other lead anti-knock compounds. Such substances rapidly clog the generator. (All grades of Motor Spirits have some compound detrimental to irons and lanterns in them).
- Make sure that the container into which the fuel is placed is clean and has not previously been used for Kerosene, Linseed Oil or Paint, otherwise you will have trouble in burning.
- At least once every four (4) weeks, empty tank of Iron and clean out. This helps to give longer life to the generator.
- Most petrol pressure appliances are built to operate properly on any good fresh, clean petrol. Under no circumstances should fuel be used containing lead (i.e., coloured motor spirit or other cracked fuels). We have found that—

**SHELLITE, a product of The Shell Company of Aust. Ltd.,**  
— is the fuel which will give you the best results.

- Always see that washer is not perished.

The Handi Iron, with the new retarding, cleaning and filtering coils, places it far in advance of all other makes of petrol irons on the market.

The following points show the main advantages—

- Simplicity of design, enabling the operator easy access to the working of the iron.
- Easy access to all replacement parts.
- Replacement parts are always obtainable.
- Regulated burning provided by the special tapered Handi needle point.
- Cheapness of the replacement parts.
- The new generator will last for years. All that is necessary to replace in the new generator is the retarding coil and copper filtering coil. This is done periodically and the iron is as good as new again.
- NO pumping is necessary.**