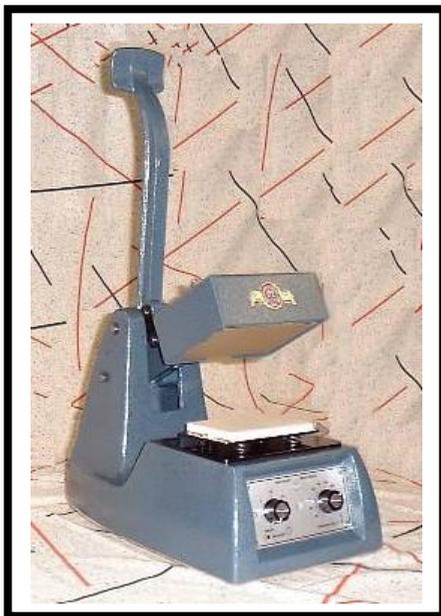
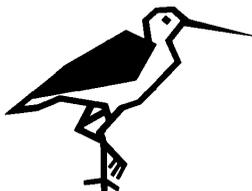


Goldseal



Operators Manual

Machines 1992 to 2005



Wader Labelling Systems Ltd

Unpacking & Set-up

Remove the heat press from the packing case and retain all the packing. Mount the press on a solid surface ensuring it is located near a mains outlet.

The press will have a 13amp plug fitted as standard (fused to 5amp {non-export machines}), and should be connected to: -

240 Volt AC, single-phase mains supply (standard wall socket)

IMPORTANT
THE WIRING IN THIS MAINS LEAD
IS COLOURED IN ACCORDANCE
WITH THE FOLLOWING CODE: -
GREEN & YELLOW - EARTH
BLUE - NEUTRAL
BROWN - LIVE
THIS EQUIPMENT MUST BE EARTHED.



Basic Operation.

To switch the press on turn the TIMER knob located on the front control panel clockwise and set the required duration of dwell time in seconds.

Turning the knob will actuate the red light on the front panel.

When the desired temperature has been reached (determined by the setting of the other control knob) the red led will change to green.

To increase the temperature of the press turn the temp control knob clockwise and anti-clockwise to decrease temperature.

To Operate the Hand Press

- 1) Ensure that the temperature & Timer knobs are set correctly.
- 2) Place the part of the garment/article to be marked onto the silicone pressure pad.
- 3) Pull the handle forward into the locked position, ensuring the garment is firmly clamped between the heat plate and pressure pad. (Make sure that your hands are away from the heated platen when using the heat press).
- 4) After completion of the above the buzzer will sound when the pre-set time has elapsed, the hand le should then be lifted back to it full extent.

Pressure Pad Assembly

The silicone pressure pad and assembly should be maintained and kept in good condition at all times.

A worn silicone pressure pad will affect the quality of transfer marking / fusing and should be replaced when showing signs of wear. (See parts list). After a long duration of time it may be found that there is a loss of pressure through the pressure pad assembly, this can be rectified by replacing the pressure springs located under the pressure plate.

Never allow the heat plate to rest on the silicone pressure pad when the press is not in use.

PTFE Heat Plate Cover

A PTFE cover is fitted to the heat plate, which allows the surface to be wiped clean should it become marked.

New PTFE covers may be fitted to the heat plate when WARM (not hot) and has been cleaned to remove residue of the old PTFE.

Design Change

With a policy of constant improvement and/or modifications to meet changing conditions, the right is reserved to change the design and/or specifications at any time without prior notification, therefore no guarantee can be given as to the accuracy of the information contained in this instruction book.

Guarantee

This press is guaranteed to be free from defects in materials and workmanship ** for a period of 12 months from the proven date of delivery or installation.

Should, in our opinion, any part of this press be defective in materials or workmanship it will be replaced or repaired free of charge (*excluding any travelling costs / carriage costs which will be charged at our discretion*) provided that the press has been installed and operated in the correct manner and not subjected to misuse.

A charge will be made for any costs incurred if a reported fault on the press is found to be due to incorrect installation, operation and/or incorrect materials being used, as it is the responsibility of the press user to ensure the suitability of the materials operating through the press.

** Exclusions - Pressure Pad GSW-16, PTFE GSW-18

[Application details for Wader Products](#)

Your press should have the following settings: -

Temperature: - 205 / 210°C

Pressure: - 20 PSI

Time Dwell: - 8-10 seconds

The above is only a basic guideline you may need to change settings for special materials.

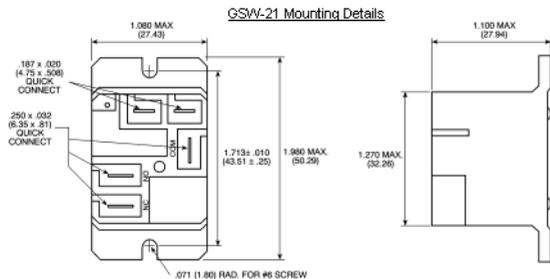
We recommend that THERMAL materials / clothing are not used on this heat press.

Contact Wader Sales For Special Material Settings.

GSW-20 Control Unit (Fig.1)



Control Relay GSW -21



NOTE: Recommended mounting screw torque is 4.0-5.0 lbs.in when #6 screw is used.

Fault Finding

No indicator light (refer to fig.2)

Check the supply to press and condition of fuses (internal & plug)
Is the press switched on?

Heat plate fails to get warm (refer to fig.2)

Internal connectors.

Does the element have continuity? *Specifications for this test can be supplied upon request.*

Does the probe have resistance?

Is the relay switching over?

Faulty control unit?

If the red light has been on for a period of time but the heat plate is cold check the element.

RTD Probe.

To test the probe condition, remove completely from press and measure the resistance at room temperature using a multimeter.

Then warm the probe if the resistance changes the probe is working correctly.

Specifications for this test can be supplied upon request.

Sealing Pressure Low.

Badly worn pad

Over compressed springs

Toggle links worn

Timer Buzzer

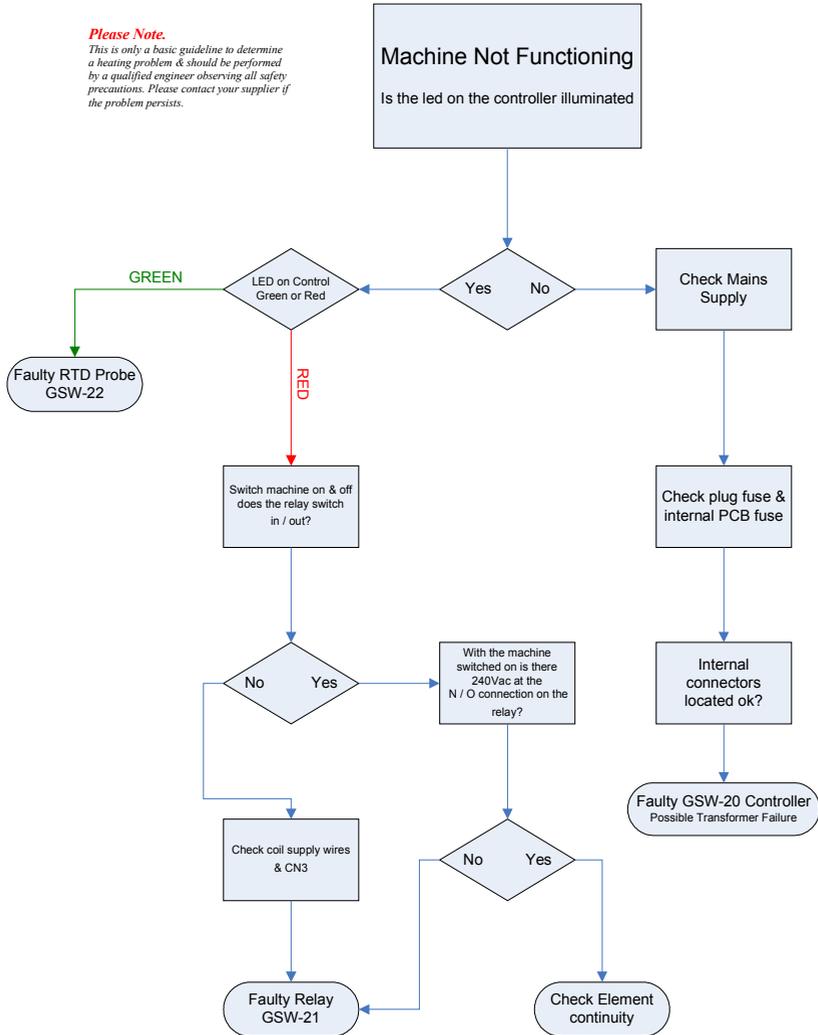
Toggle arm not making contact with micro-switch

Faulty micro-switch, check switching with meter.

Buzzer faulty check DC power supply to buzzer 9-12VDC

Please Note.

This is only a basic guideline to determine a heating problem & should be performed by a qualified engineer observing all safety precautions. Please contact your supplier if the problem persists.



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Engineering Dept.

Safety First!

When working on the heat press remember to always **DISCONNECT** the mains supply before removing covers or guards.

Never allow your hands to be in a position that they may be trapped by the heat plate when you bring the handle down.

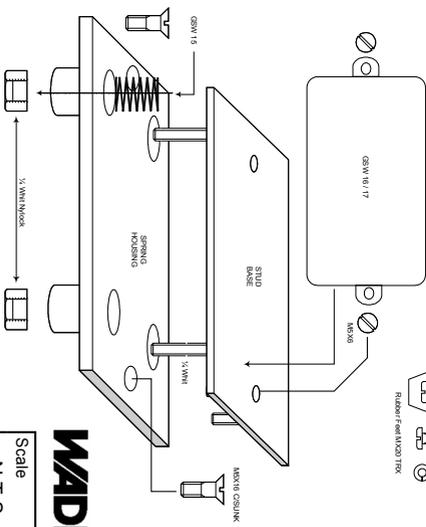
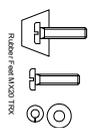
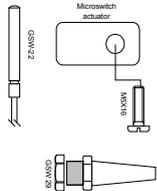
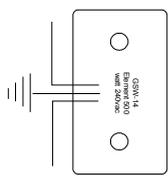
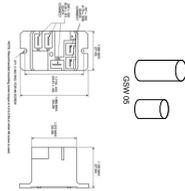
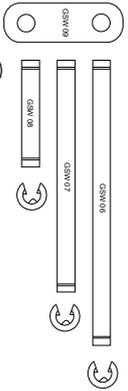
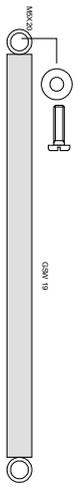
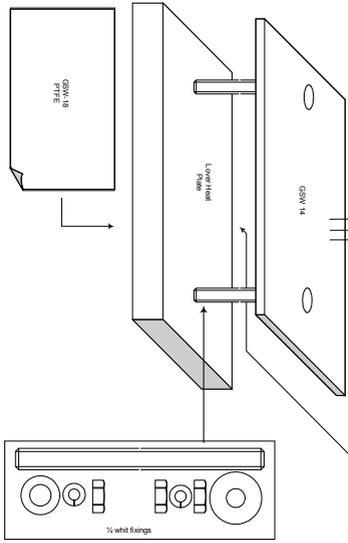
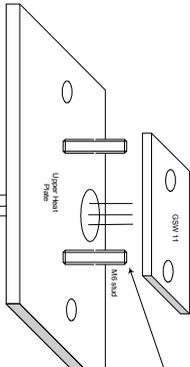
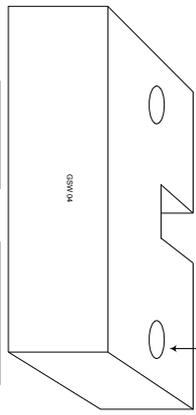
Parts List - Wader Goldseal see also fig 10

GSW-01	BODY	(Main Casting)
GSW-02	LEVER HANDLE	(Operating Arm)
GSW-03	TOGGLE ARM	
GSW-04	PLATEN COVER	
GSW-05	BUSHES	(Oilite Bush)
GSW-06	PIN 125mm	
GSW-07	PIN 112mm	
GSW-08	PIN 38mm	
GSW-09	TOGGLE LINKS	(Links are chemical blacked)
GSW-10	CIRCLIPS	
GSW-11	GASKET L-21	(Heat plate to arm)
GSW-12	HEAT PLATE TOP	
GSW-13	HEAT PLATE LOWER	
GSW-14	ELEMENT METAL CLAD	(500 Watt @ 240Vac)
GSW-15	PRESSURE SPRINGS	
GSW-16	SILICONE PRESSURE PAD	
GSW-17	PRESSURE PAD PLATE	(grade 525)
GSW-18	PTFE (pack Of 5)	
GSW-19	MAIN TOGGLE SPRING	(Arm return spring)
GSW-20	CONTROL UNIT	(with facia)
GSW-21	CONTROL RELAY	
GSW-22	RTD PROBE	
GSW-23	PROBE RETAINER	
GSW-24	MICRO-SWITCH	(Timer actuation)
GSW-25	INTERNAL CONNECTORS	(controller)
GSW-26	BASE BOARD	
GSW-27	RUBBER FEET	
GSW-28	MAINS LEAD	
GSW-29	CABLE GLAND	
GSW-30	CONTROL KNOBS	
GSW-31	CONTROL FACIA	
GSW-32	PACKAGING	
GSW-33	INSTRUCTION BOOK	
GSW-34	SET OF SCREWS	(Complete)
GSW-35	CONNECTORS	(spade)
GSW-36	MICRO-SWITCH GASKET	
GSW-37	HEAT PLATE INSULATION GASKET	

Goldseal Optional Sizes 5x5, 6x4 & 8x6

GSW-55-04	5x5 PLATEN COVER
GSW-55-16/17	5x5 SILICONE PAD AND PLATE
GSW-55-18	5x5 PTFE
GSW-64-04	6x4 PLATEN COVER
GSW64-16/17	6x4 SILICONE PAD AND PLATE
GSW-64-18	6X4 PTFE
GSW-86-04	8x6 PLATEN COVER
GSW-86-16/17	8x6 SILICONE PAD AND PLATE
GSW-86-18	8x6 PTFE
GSW-86-14	8x6 ELEMENT 700 WATT
GSW-86-19	8x6 MAIN TOGGLE SPRING
GSW-86-40	HEAT PLATE INSULATION

1/4" LAYER FRAMES
 3/16" DIA. HOLES
 1/4" LAYER FRAMES
 1/4" LAYER FRAMES
 1/4" LAYER FRAMES



WADER
 Scale
 N.T.S.

Specifications

Supply Voltage 230 / 240 Volt AC. 500watt (700watt 8x6 machine) .
Mains inlet cable, 3 core inc. earth
240v Mica plate heating element including 40" leads and earth.
Probe for temperature detection is a RTD (PT-100) and is constructed of a purpose built sheath and internal resistance element surrounded by mineral type insulation.
Cast metal construction.
Single PCB controller for temperature and timer.
Dry weight of 14 kg.

Maintenance

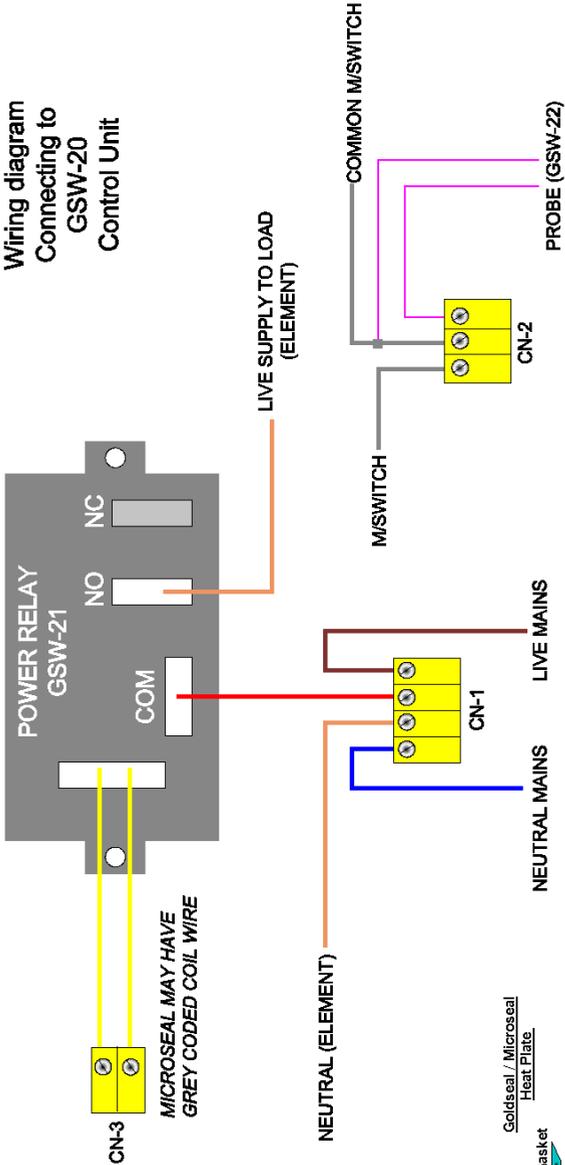
Lubricate toggle linkage at regular intervals with light machine oil, this will ensure a long life of the toggle assembly and also a smooth operation.
Keep top PTFE cover in good condition.
Ensure that the silicone pad is in good condition.

Note

This machine is designed for application of only heat-seal transfers, tape, badges and patches.
Please ensure the manufacturers operating instructions are adhered to.
We recommend a qualified engineer inspect the machine at six Monthly intervals

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**Goldseal & Microseal
Wiring diagram
Connecting to
GSW-20
Control Unit**



**MICROSWITCH WIRING
GOLDSEAL : N/C
MICROSEAL : BLUE WIRE**

