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Sent time: 25/04/2017 11:37:54 AM
To: service@morgana.co.uk
Subject: To Mat in regards towards a Pur 150

Dear Mike and Mat

Hello how are you doing, I hope all is well I spoke to a gentleman on the 24/04/2017 on the phone called mike in regards to a Morgana pur 150 that I am interested in purchasing from another person, mike then passed the phone to a man called Mat, who then asked me to send this reply. The machine I am able to buy seems to come with its own problems and I request your help in solving the issues.

Diagnostic; when the machine is first turned on it allows any user to go to the first stage which is; "Are you trained to operate this machine" once ticked in agreement the power to the machine will flip the main distribution power supply but does not blow the machines internal fuses.

On a diagnostics of the problem you have to take the two covers of the back of the machine and bypass the safety mechanism for the hatch door being closed.

Connected to the bottom of the glue station, to which you put the glue into is a thermostat, this thermostat has two additional wires connected into it.

The marks on the thermostat states that it is a; Mfr. Part No.2455RC Thermostat, Solder Tag Termination, 0°C +260°C

When disconnected and the machine is rebooted with power it will bypass to the second stage; "Main menu" Once into the main menu the machine goes into alarm mode in turn disabling its features.

The features that seem to be disabled are the following:

1. milling station:-
2. Press carriage;

On a further inspection towards the resolution of the error codes; they are labelled as follows:

1. 007 Error movement of press:-
2. 009 Cleaner not present:-
3. 010 Temperature not ok:-
4. 011 Execute present:-
5. 019 Critical Temperature;

My main concern at present other than getting the machine to work:] is the error showing 007 error movement of press, as I hope that changing the thermostat will clear error 010, 019 and then once 009 has been addressed then 011 will no longer exist as a problem if 007 is fixed, thus repairing the machine.

After speaking to another gentlemen a Morgana it was explained to me that I can attach a external power supply to the mill and after to the carriage to check the motors to them mechanism are functioning correctly, on an attempt to do this the mill motor had no issue of concern and is a straight forward motor to supply the power to, the mill has neutral and live inclusive of ground. When rerouting the mill I disconnected N1- L1 from Km21.01 within the fuse board to add the external power supply, with the mill motor activating.

I then attempted to make the press carriage active and took the chain of the motor so the spindle can move freely, on revealing the wires behind the power plate cover to the motor, for the power cables to be connected I noticed four wires;

1. One grey in colour:-
 2. One brown in colour:-
 3. One black in colour:-
- And:-
4. A green ground wire.

I understood the brown cable to be L1 live and grey to be forward while black would be reverse to the motor, so I connected the external power supply with the ground connected, then:-