



Thermopress HP7AS5

Thermostat and Limit Control Settings for Mat Repair Machines.

Replacement irons are pre-set by the factory for conventional Linen repair and Transfer applications. For Mat Repair Machines these settings need to be re-adjusted before the machine is used to carry out a repair. This note describes how to do that adjustment.

To replace the irons just note how the old iron is disconnected both from the terminal strip within the control box and how it is held in place on the machine. The new iron is fitted in exactly the same way.

Once the new iron is fitted correctly to the machine, BEFORE turning on the power remove the black knob on top of the thermostat box and then remove the metal plate directly under the black knob. This exposes what appears to be 2 thermostats to view. Standing at the front of the machine (facing the dials & timer) the "Stat" on the left with the low knurled knob is the Limit Control Stat. The "Stat" on the right with the high (taller) knurled knob is the heat Thermostat.

Both of these have been pre-set by the factory so that the Limit Control cuts in at around 190°C and the heat Thermostat cuts out at 210°C+. These settings are too high for mat repair and must not be used for such.

Turn the Limit Control knurled knob ANTICLOCKWISE (down) about a quarter to a half turn. Turn the heat Thermostat knurled knob ANTICLOCKWISE (down) about a half turn.

Then turn on the power and watch the temperature gauge start to move up. Once the heat has reached 150°C-155°C if the third light on the front of the machine has not come on, turn the power off and then turn the Limit Control knob down again slightly. Turn the power back on. The optimum setting you are trying to achieve is for the third light to come on as the machine reaches 150°C.

Once you are satisfied that you have a correct setting on the Limit Control – allow the heat to continue up until the temperature gauge stops rising this is the heat cut off point. The optimum setting for Mat Repairs is 180°C – so if the heat cuts out before this is reached the Temperature Thermostat needs to be turned up (clockwise). If the cut out point is too high, then this Thermostat needs to be turned down so that the heat drops and the temperature gauge maximum reading is 180°C. ALL adjustments should be done with the power switch off. Only turn on the power switch after making adjustments and when no screwdrivers or hands are near the thermostats.

Once the settings are correct replace the metal cover to the "Stat" housing and replace the black knob on top of the heat Thermostat.