

Digital Knight

Heat Platen Tension Plate Adjustment

To adjust the tension of the heat platen
(therefore increasing or decreasing curvature of platen):

1. Remove the 4 nuts in the center of the heat platen.
2. Lift the cover up from the press.
3. It may become necessary to disconnect the heat platen from the head. Simply turn the pressure knob to the left until the heat platen drops onto the rubber pad.
4. There is a square steel 2" block in the center of the heat platen. Remove the steel block off the 4 threaded studs. It is sitting on 4 lock nuts.
5. Slight adjustments (1/2 turn at a time ONLY) to these nuts increase or decrease the amount of tension and curvature of the heat platen. ALWAYS MAKE EQUAL TURNS TO ALL FOUR NUTS, otherwise the levelness & tilt of the heat platen is affected:

Turning all four nuts to the **left / counterclockwise**
will **decrease the tension & curvature.**

Turning all four nuts to the **right / clockwise will **increase** the tension & curvature.**

6. The goal is to come within 1/32 of an inch curvature to the heat platen. More than this will affect the amount of pressure in the center adversely. A slight amount of curvature MUST be in the platen, or the outer edges can loose pressure over extended periods of time during the life of the press.