

TJ-90A Model All-purpose Stamping Machine

Operation Manual

Specifications and accessories attached

Power supply: 220V-240V

Power: 300W

Size: 26cm×16cm×34cm

Net weight: 14KG

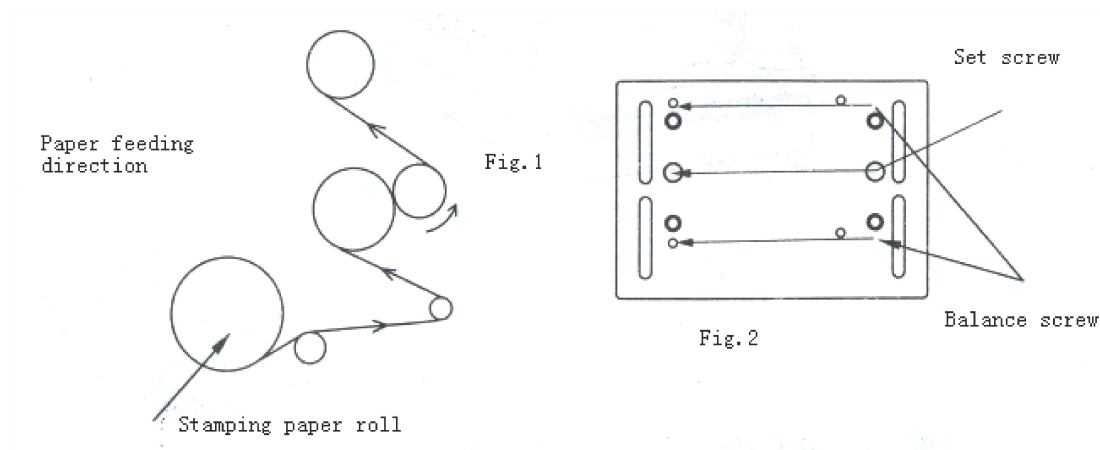
Maximum stamping area: 60mm×90mm

Accessories attached: heat transfer plate, one

Operational instructions

I Installation

1. Handle installation: Take out the handle from the accessories and insert it into the hole. Tighten the screws beside the handle to fasten the screws of the handle.
2. Height adjustment of main body: Loosen the height locking screw, adjust the height adjustment screw. It is more appropriate generally to adjust the screw to the position of about 30mm away from the character surface and stamping surface. Inspect whether the heat transfer plate is pressed closely to the heating plate, otherwise, it will affect the stamping effect.



II Adjust stamping position

1. Pull out the ink pad, stick the alabaster paper larger than the external dimension of the electrype on the stamping position of the ink pad with gummed paper and stamp with the center position of the heat transfer plate.

2. Switch on the power, the red power indicator light will be on. Turn the temperature adjustment knob to set the temperature to 100 °C . The temperature control indicator light will be yellow and will change to green after more than 10 minutes, which represents the heat transfer plate has reached the needed temperature. (Due to the automatic constant temperature control, the signal light will change color frequently during the process of stamping operation, but it will not affect the stamping effect.)

III Trial stamping

1. Must select the stamping paper with type suitable to the stamping piece.
2. Select the temperature. Select the needed temperature according to the different materials and stamping pieces. The following short list is only for reference.

Centigrade degree	100℃-150℃	150℃-180℃
Applicable stamping objects	Alabaster paper/leather/PVC soft gelatin	Plastic/ ebonite /woodenware

3. Different temperatures will be required for different stamping paper. The coloring of the line edge will slop over to the blurring if the temperature is too high and the coloring will be non-uniform if the temperature is insufficient. Please make the adjustment according to the stamping effect.

4. Pressure and stamping time. Too deep stamped image represents the pressure is too large and too shallow and even imperfect image represents the pressure is too small. If the stamping time is too long, the stamping coloring will slop over to the blurring and if the stamping time is too short, the coloring will be non-uniform. Small pressure and short stamping time will be required for the stamping pieces with smooth surface. Large pressure and long stamping time will be required for the stamping pieces with coarse surface.

5. In case of any non-uniform coloring phenomenon for the trial stamping pieces, please refer to Fig.2 to make adjustment. Firstly loosen two fastening screws in the center and then adjust 4 balance screws. Adjust the balance screw directing to the part with shallow stamping image or without stamping in clockwise direction and adjust the balance crew directing to the part with deep stamping image or without coloring in counter-clockwise direction. It will reach the optimal effect through many adjustments. If there still tiny part without coloring on the large-area stamping surface after adjustment, please stick transparent gummed paper on the position without coloring. The purpose is to underlay this position to facilitate the coloring.

6. Adjust height stop nut. Avoid the mutual damage caused by the collision between the character surface and the heat transfer plate surface and the stamping surface when pulling the handle with too great force.

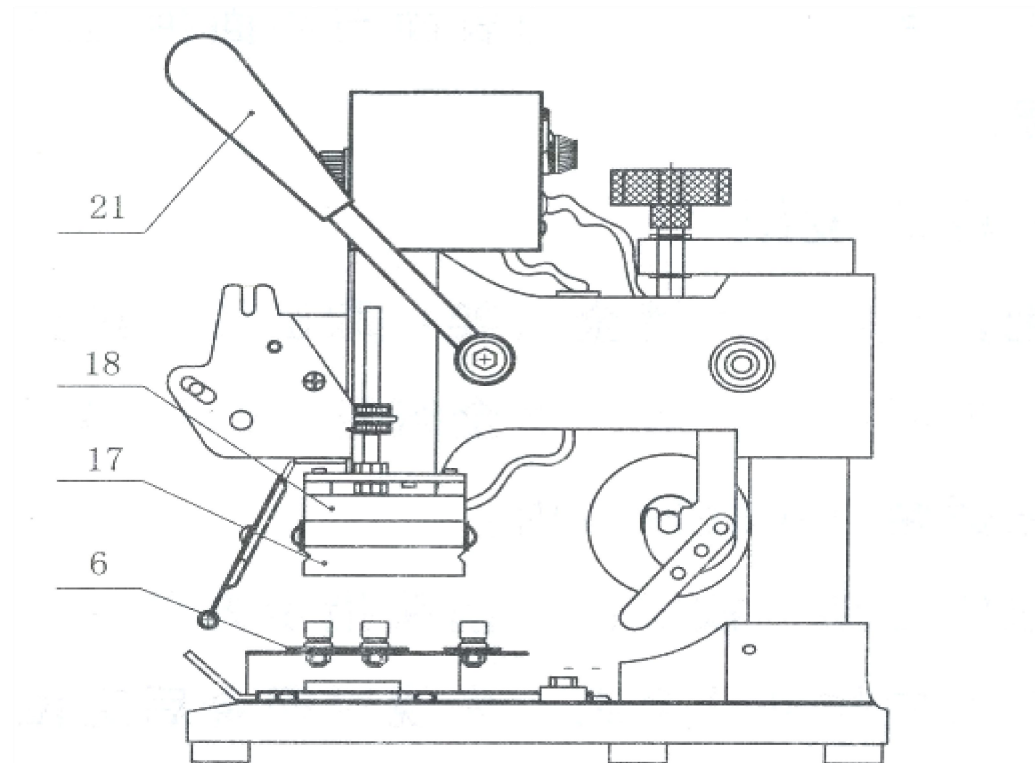
IV Install stamping paper

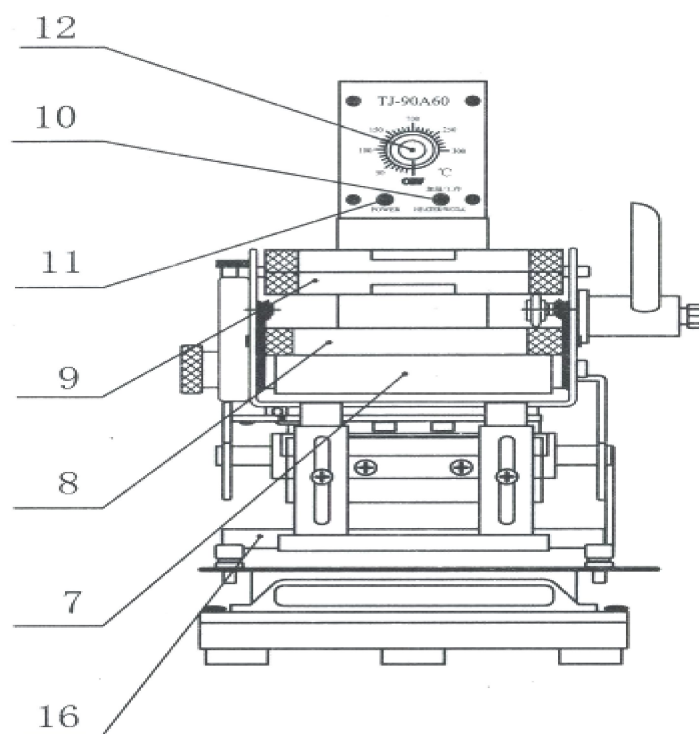
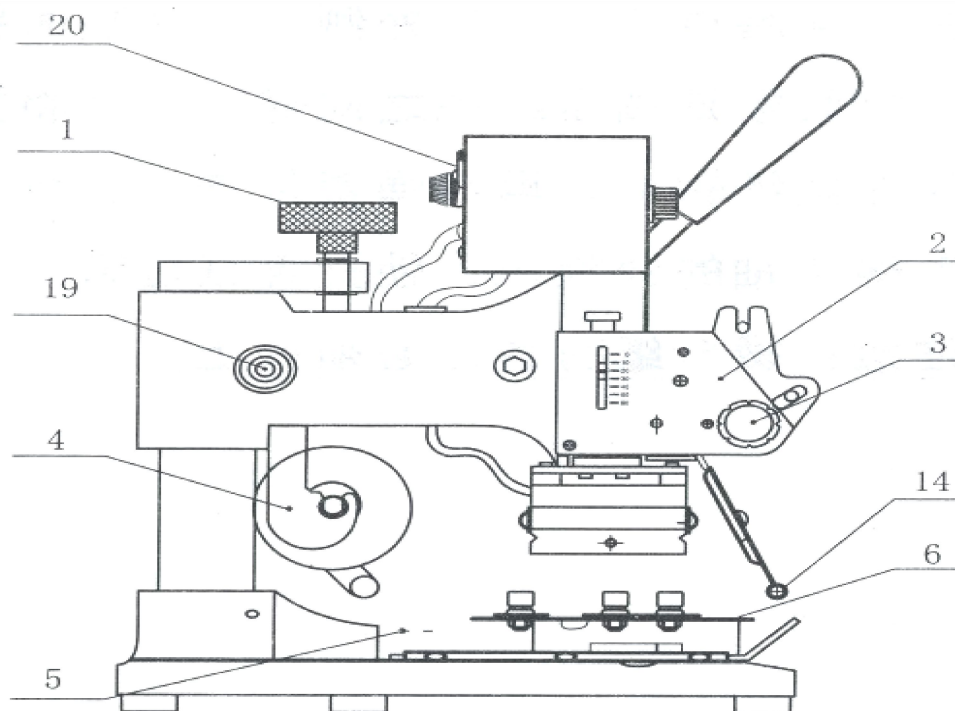
1. Feed the stamping paper into the stamping paper holder: Take out the stamping paper holder, loosen the plastic round cover, put in the stamping paper roll, replace the plastic round cover and replace the stamping paper holder into the machine.
2. Pull the paper to the holder: Install the stamping paper according to the

arrow-headed direction and pull it in clockwise direction. Firstly roll the external side of the back locating rod of the stamping, secondly stride over the external side of the front locating rod, then pass through the position between the rubber paper winding shaft and the paper pressing shaft in the clockwise direction, thirdly roll the stamping paper on the paper collecting shaft and fourthly lock with spring tab and turn the external knob of the rubber shaft to straighten up the stamping paper.

Notes: The colored surface of the stamping paper must be upward.

Structural diagram of TJ-90 model all-purpose stamping machine





- | | |
|-----------------------------|---------------------------------------|
| 1. Height Adjustment knob | 7. Rubber paper winding shaft |
| 2. Paper drawing controller | 8. Paper pressing shaft |
| 3. Rubber shaft knob | 9. Paper collecting shaft |
| 4. Stamping paper holder | 10. Heating/operation indicator light |
| 5. Set screw | 11. Power indicator light |
| 6. Ink pad | 12. Temperature adjustment knob |

- | | |
|--|--------------------------|
| 13. Height stop nut | 19. Height locking screw |
| 14. Front locating rod of stamping paper | 20. Power switch |
| 15. Set rule | 21. Handle |
| 16. Back locating rod of stamping paper | |
| 17. Heat transfer plate | |
| 18. Heating plate | |