

1. By three-phase current supply 220/380 Volt, ensure that the motor is rotating in accordance with the direction of the arrows. (Arrows are fixed on the motor and main bearing shaft.)
2. The Elastoprint pad printing machine has 3 programs:
 - 2.1. Program switch position „Hand“:
Hand control, where the tap-switch (T) is assigned for setting-up.
 - 2.2. Program switch position „Automatik“ + program switch position „I“ at the machine front panel:
Foot-switch starts one printing step and the machine stops automatically after the cliché has been doctored.
 - 2.3. Program switch position „Automatik“ + program switch position „II“ at the machine front panel:
In this position the machine cycles automatically and can be stopped in every position by foot-switch.
 - 2.4. Pilot lamp (white) for main switch:
Indicates that the machine is ready for printing.
 - 2.5. Emergency off switch at the machine front panel is applied for all programs:
Press = STOP. For releasing pull the emergency off switch.
 - 2.6. Pilot lamp (green):
Lights up after operation of the start button, and indicates the state of working.
 - 2.7. The printing speed adjusting wheel:
Don't adjust while motor is standing. Speed up by turning left, speed down by turning right

ATTENTION:

While cleaning the machine, the power switch must be turned off (0-position)!

Control: Pilot lamps (green + white) must be off!

3. The original machine is ready to print, standard accessories are ink tank, pre-doctor, doctor knife holder, doctor knives, printing pads and toolset.

The ink tank is fixed in the machine, the short end in front.

Fix the front ink tank guide rail by the two screws.

The lateral guide rail can be adjusted.

The swivel bracket is swivelling installed on the base plate. A slight shift of the swivel bracket of about 3-7° is necessary, if you have printing pictures with longitudinal stripes, requiring slightly inclined doctoring.



Usually, you put the printing pictures 2 degrees diagonal on the clichée.
A magnetic plate with positioning pins is provided in the ink tank.
For faster ink-changing and ink-tank-cleaning, use a paper-sheet (about 80 gr.) in the ink-tank, between the clichée and the magnetic plate
The pin holes are slightly pressed through.

4. The clichées are precisely cut, with or without holes.

Plastic clichées are single sided.

Steel clichées are etched with the printing motives on both sides.

5. The printing unit:

The doctor knife protrudes about 5-7 mm out of the holder.

Use the Arkansas-stone on the mounted knife.

Caution: Don't cut yourself when handling the doctor knife!

Tighten the setscrews of the holder with the shaft of the spanner and your hand always opposite to the mounted knife.

The complete doctor assembly (knife and holder) are mounted into the doctor mount and centred to the ink tank sides.

Adjust doctor height with the two knurled screws of the printing unit and lock them.

The pre-doctor or V2a pre-doctor wing is clamped into the pre-doctor holder.

The pre-doctor holder is approx. 15 mm adjustable in height.

Adjust the height of the pre doctor only when the printing unit is in the middle of the doctoring range.

The optimal height is 1-2 mm over the clichée.

The V2a pre-doctor wing is self-adjusting.

Only adjust the height of the main doctor in the middle position of the doctoring range.

The ink addition happens in printing unit position in front or behind.

When the pre-doctor has covered the clichée with ink the first time, adjust the main doctor to the doctoring position.

In the middle of the doctoring range, set the main doctor blade on the clichée.

Never draw the doctor knife over a „dry“ clichée, i.e. without any ink.

6. The pad is connected to the pad holder. The pad holder allows fast exchanging and precise adjustment.

For adjusting the pad-lift, use the front and the rear stamp lever.

To adjust the position of the front and rear bearings use 17 mm spanner.

Forward = more pad lift, rear = less pad lift.

The pad must only leave a good printing picture, do not deform the pad too much.

Height-adjustable printing table makes the adjustment easier.

Just leave the pad lift close to the maximum and do the rest with the table height adjustment.

For frequent multi-colour and register prints, we recommend our cross table with turning bracket, fine adjustable in the x-, y-, z-axle.

7. The emergency-off device now consists of a switching arrangement incorporating a signal-red emergency-off bar, start button and green run pilot light. Actuating the emergency-off bar, immediately stops the drive motor of the printing machine. Reset the machine by pressing the start button.

