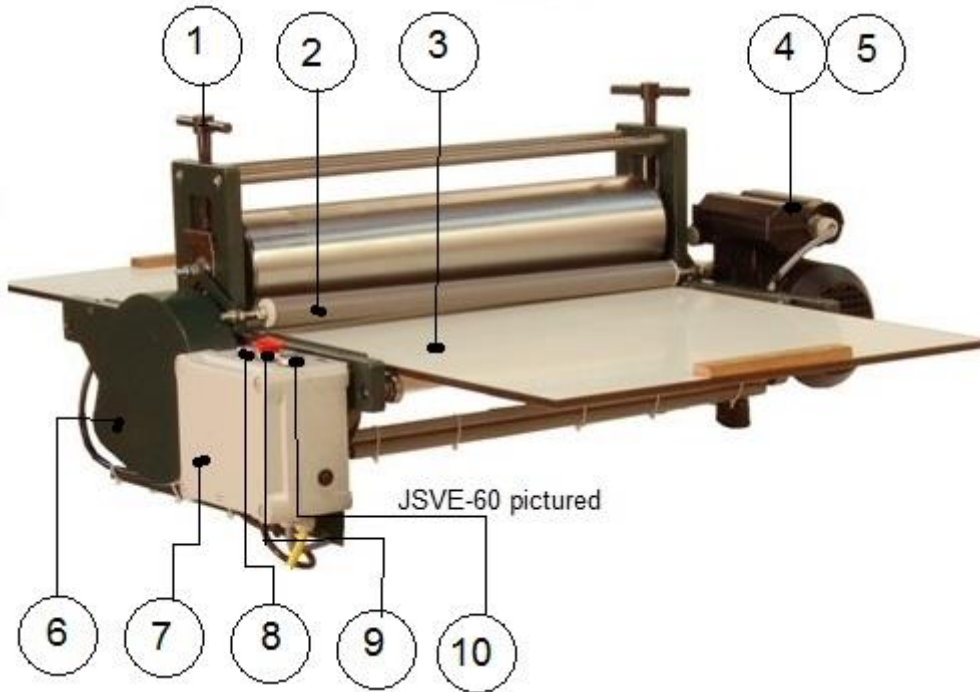


Setting up your JSVE Series



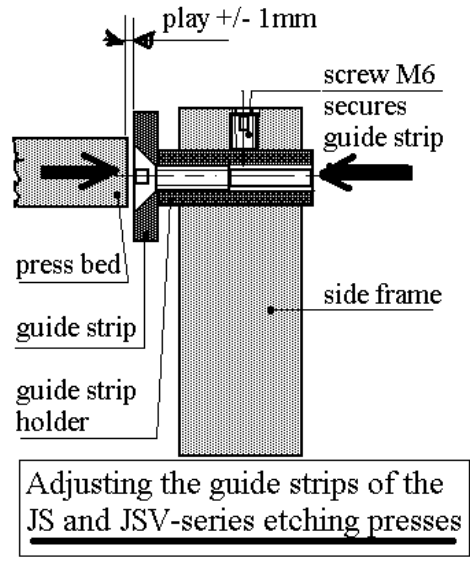
1. Pressure Spindles M16
2. Plastic Protection Rollers. These rollers can be lifted to allow the blanket, form and paper under the top roller. This system protects the hands of the printmaker.
3. The press bed. Micro switches are fitted under the bed to stop the bed at either side.
4. Electric motor AMM80Z CA4, 1-phase, 0.75 kW 230 volt 1500 omw/min B14a.
5. Worm gear W63U, $i=45$, $mf=80$.
6. Gear box, ratio 1:5, 3.
7. Electric console.
8. Push button "left".
9. Emergency stop.
10. Push button "right".

The presses in these series are driven by a 220 Volt AC electric motor (110 Volt is optional). The electromotor is connected with a worm gear. The worm gear is, via a shaft and a gearbox connected to the lower cylinder. The standard speed of the motor is 1400 R.P.M. An electric press must have some safety features:

- Two end switches are situated under the bed, that make the motor stop directly when the end of the bed plate is reached.
- The electric system includes fuses, which will be activated when the motor meets too much resistance during printing.
- On both sides of the top cylinder, a safety roller has been placed. These rollers can be lifted to allow the printing sandwich to pass. The risk of accidents will be greatly reduced with this system.

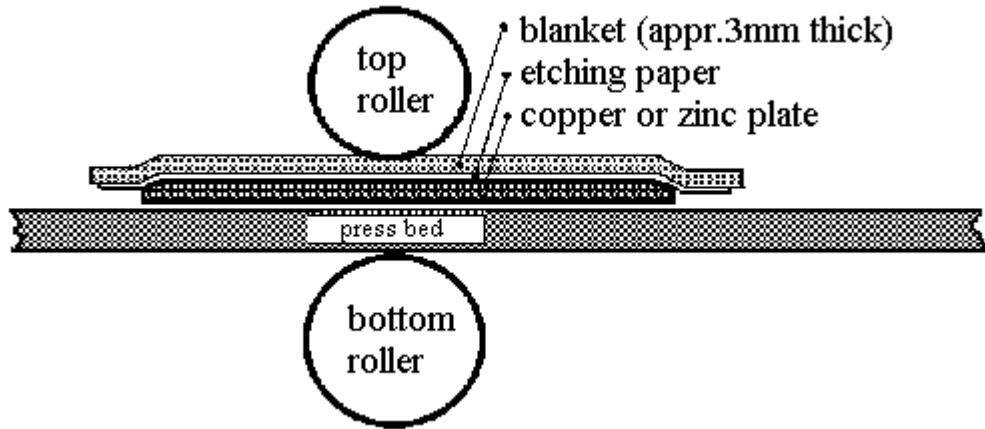
You should clean the rollers first. For safety reasons these rollers are packed with grease paper and plastic tape. Make a very small cut in the plastic tape which allows you to peel off this material. The rollers must be cleaned from grease with a solvent . The rollers must be clean and dry before use.

Put the bed in place. The bed fits between adjustable steel guides fixed to the side frames. The image below shows the guides in detail. The picture shows a cross-section of a side frame at the point where a guide strip holder is fixed in the side frame. In order to adjust the play between the guides and the bed, the guide strips must be moved. Just unscrew the small screws in the side frame (with a metric key) and readjust the position of the guide strips. You may use a small hammer to move the guide strips. After adjustment tighten the screws again.

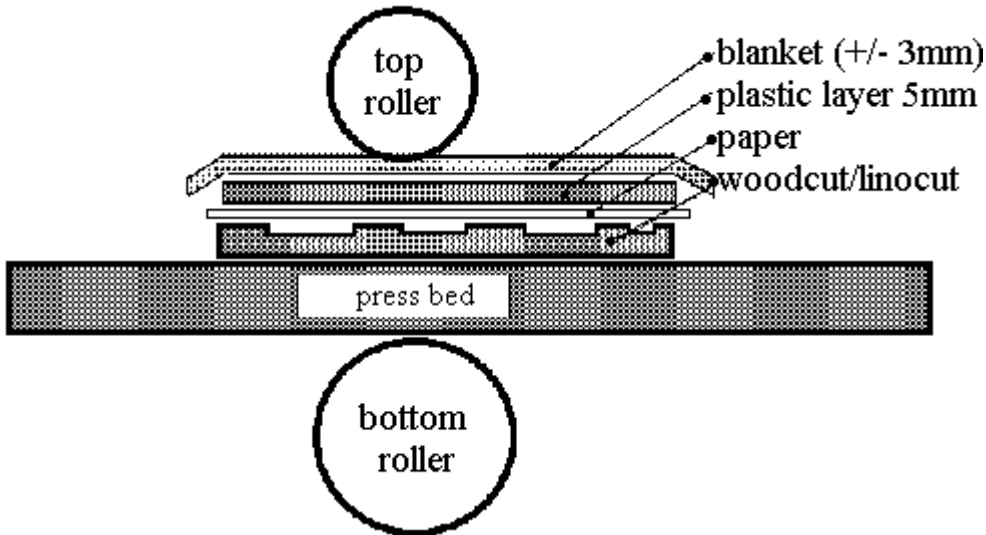


The stand is always part of the delivery since the electric drive system is partly fixed to the stand. The stand consists however of square tubing and can be disassembled. The metric bolts M8x60 are used for connecting the tubing, and the bolts M8x70 are used for the connection between the stand and the press. The bolts M8x70 can only be inserted, "bottom up" into the stand and the side frames.

Using the JSVE Series for Intaglio (Etching, Engraving etc.)



Using the JSVE Series for Relief (Lino, Woodcut etc.)



Maintenance:

- The bearings of this do press not need lubrication. (all ball bearings)
- Each year the gearing wheels should be inspected. Take the cover off and check is there is still enough grease on them. If not, just use ball-bearing grease (available in any hardware shop)
- The electromotor is maintenance free as well as the worm drive. These components were designed for industrial use and have therefore a long life.
- It is recommended to use and store this press in a dry room, to prevent rusting. (For example, etching with aggressive agents should be done in a different room, for the same reason)