

## Setting up your HPV Series Press

### Included:

- the etching press
- the bed plate
- the six spoked star wheel.
- Optional, the stand with or without casters or shelves.

### Rollers:

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 the two side frames of the press and between the lower and the upper roller. The bed should have 1 or 2 mm play.

Take the tape off from the end of the shaft that is connected to the gearing. Check if the key is still in place. Slide the star wheel over the shaft until the whole shaft is inside the hub of the star wheel. (If this press is fitted with a stand, it is strongly advisable to put the star wheel in place **after** the press has been mounted on the stand).

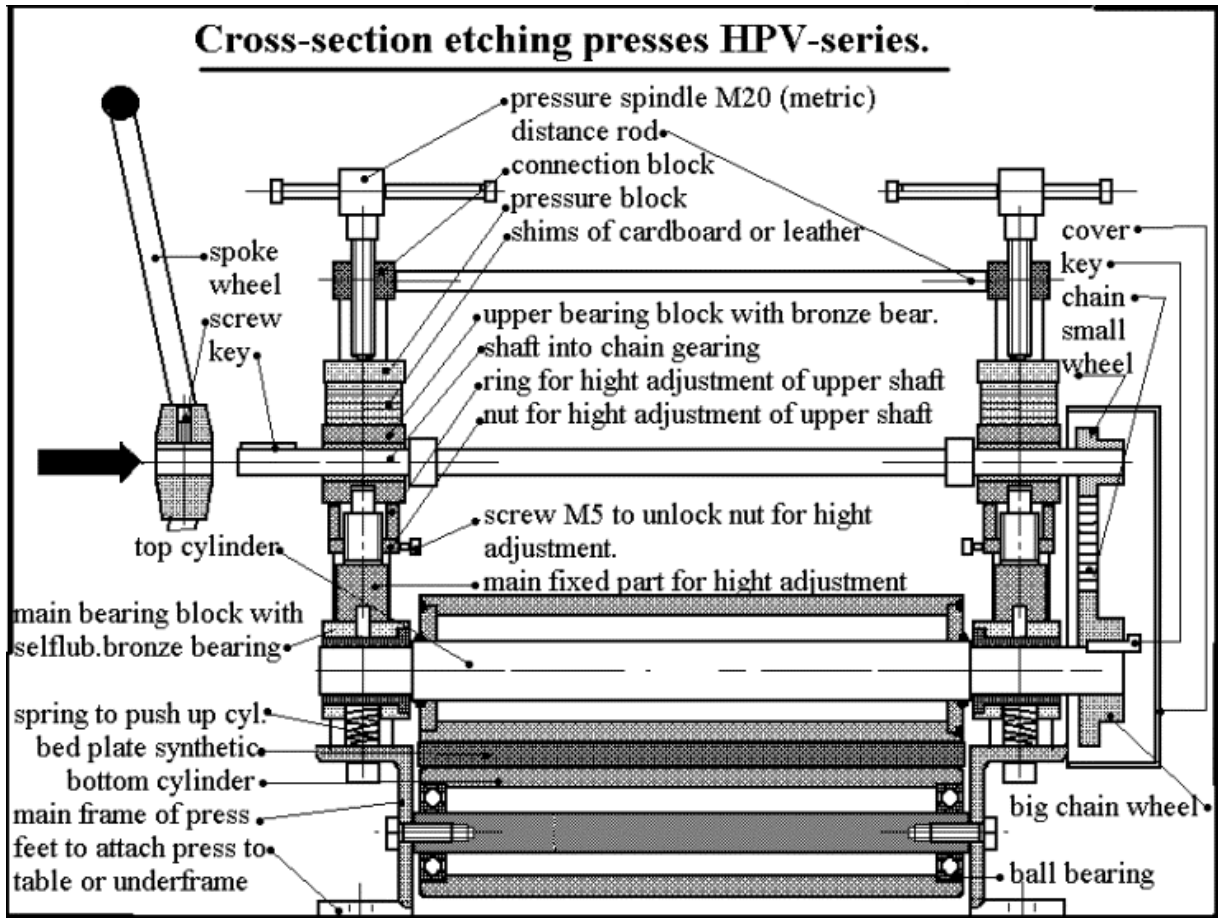
There is no problem if some force is needed to slide the wheel over the shaft. But never use a steel hammer directly on the hub to put it in place. Use a woodblock as a buffer between a steel hammer and the hub, or use a hammer made from softer material (wood or plastic) There is a small metric screw (m8) in the hub that has to be tightened now to secure the star wheel.

The metric bolts M8x60 are used for connecting the piping. If the stand is fitted with casters, use the M8x16 hexagon bolts M8 nuts and the washers (on each side) for the assembly. If the stand is fitted with shelves, one should begin with connecting the two side frames of the stand first with the lower connecting pipes. Secondly put the lower shelf in place, and after this the top connecting pipes and the second shelf.

The press is fitted with four hexagon bolts to connect the press with the stand. Two of them are situated at the bottom side of each of the two side frames of the press. Take them out of the frames. When you have assembled the stand, do not tighten the bolts of the stand yet, since this facilitates the assembly with the press. You can now lift the press and put it on top of the stand. Be very careful doing this, because the sliding of the press in this position can cause much damage. Bring the hexagon bolts M12 (metric) back into place and use these to fix the press to the stand. Now you can also tighten the bolts in the stand.

## Maintenance

- The bearings of this do press not need lubrication. (ball bearings, or self-lubricating bronze bearings)
- All clean steel surfaces have been treated with a protective spray (Tectyl) to prevent rusting, with the exception of the rollers. (felt would attract dust if in contact with this spray)
- 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)



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