

3. CONTROL OF THE KNIFE-POSITION BY THE BRASS-MEMBRANE

The small brass leaf has a thickness of 5/100mm (5/100mm); it can be used to control the position of the knobs and the thickness of the scrape.

3.1 Example: Rotation or changing the knife

After rotation or changing the knife, the big knobs must be put towards plus.

Whether this is sufficient, can be checked with the brass membrane:

The sledge is closed without a reed and the brass-leaf is held under the knife. If the leaf remains free and is not blocked or trapped (especially at the end of the scrape) if you turn the crank slowly, there is no risk for the future reed.

3.2 Example: Control of the right knob position (often difficult to judge):

Template and crank are removed. The sledge is carefully closed and so positioned that the knife is in the middle of the tongue over the marking lines. Now the brass leaf is held under the knife and at the same time the right knob is turned until the leaf is slightly blocked. This position of the knob represents a minimal thickness of the scrape of 0.05mm. You should never go below this value, otherwise you risk a tip that is too thin or a damage of the reed-tip.

Because of the perfect symmetrical scrape by the machine, even a thicker tip (0.07-0.1mm) still allows a perfect attack.

