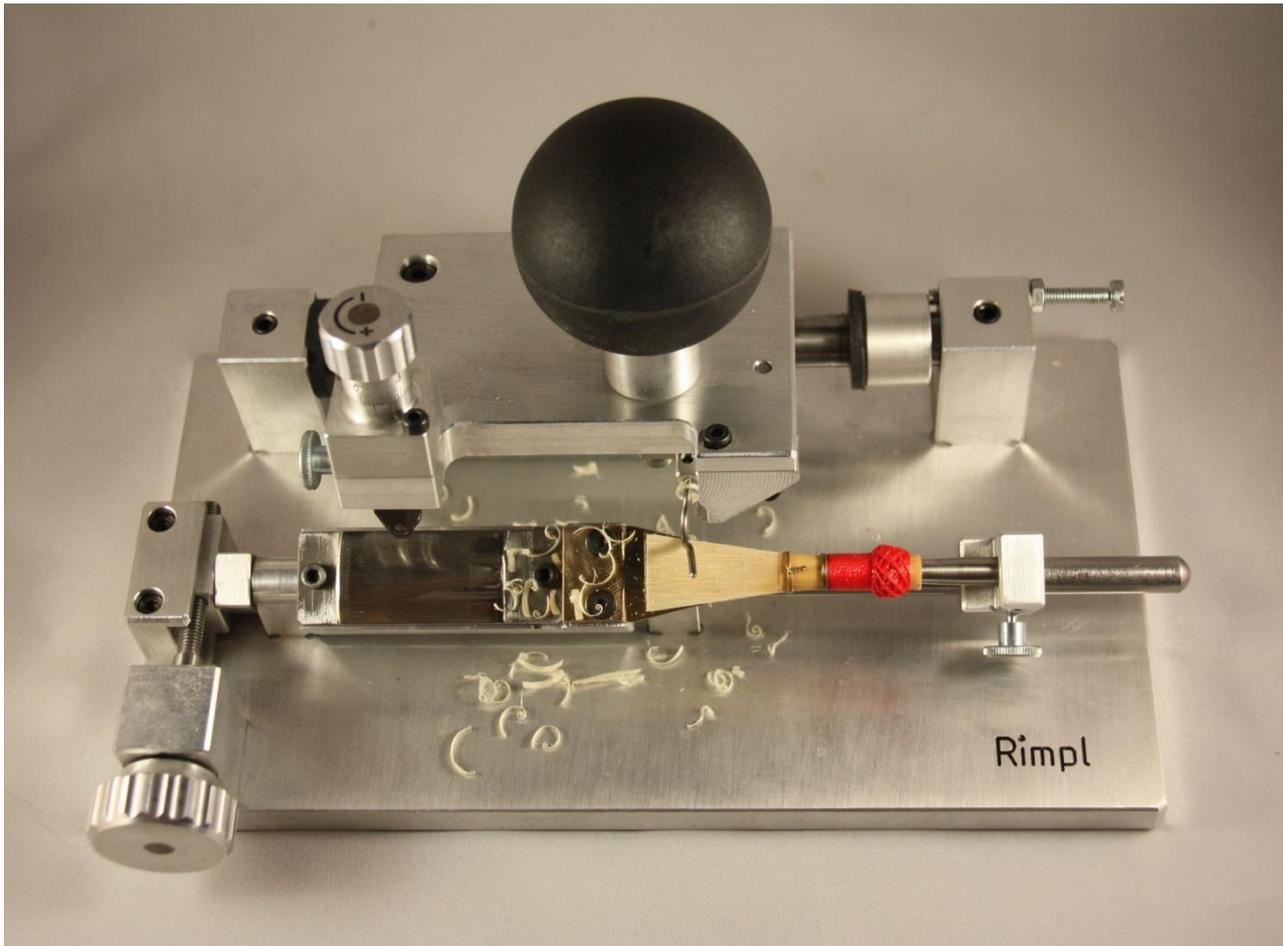


# Tip profiling machine

## Firma RIMPL

### Operation manual

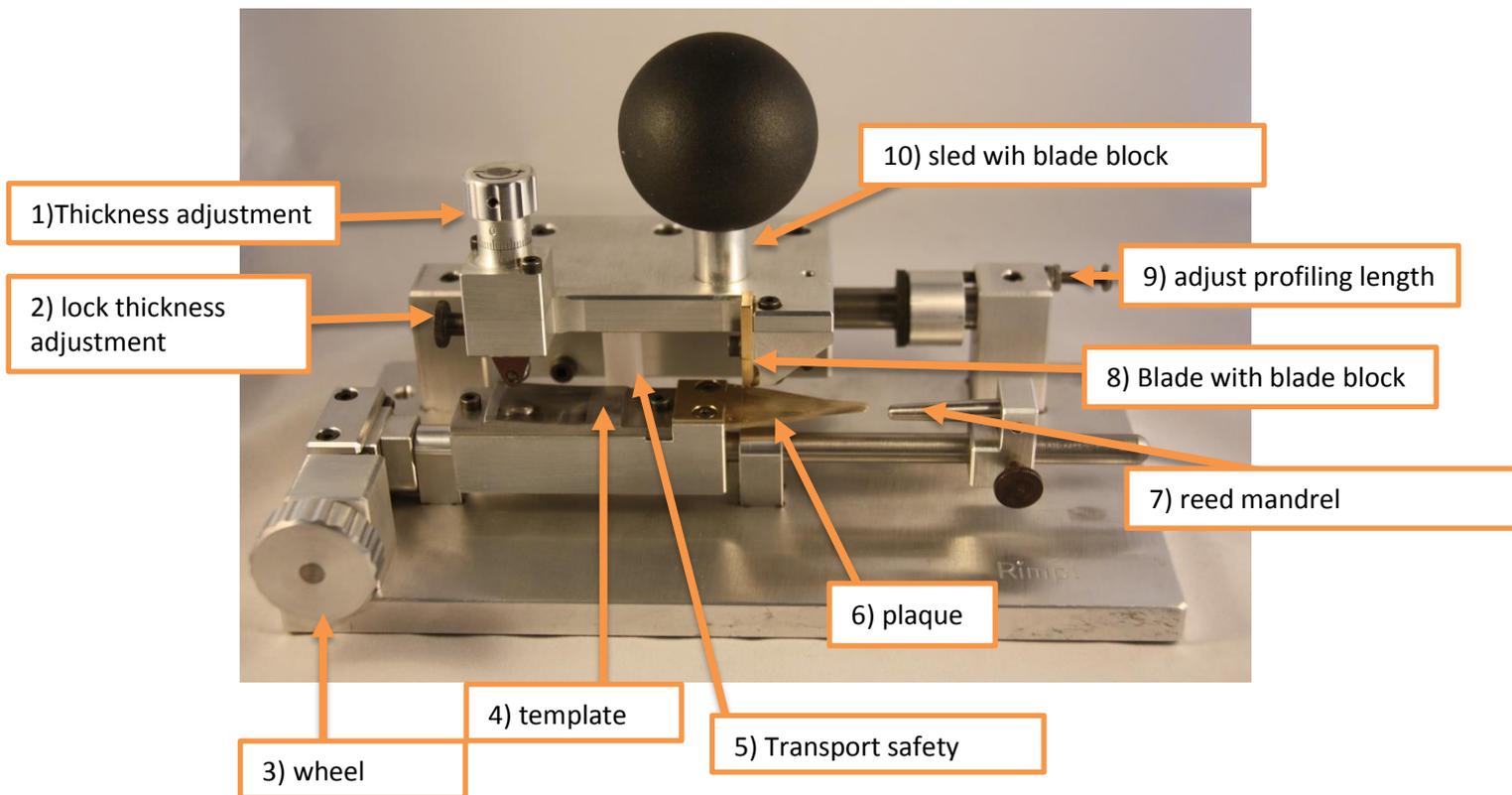


- 10-year warranty on all parts except the knife!
- Easy running of the planer carriage thanks to built-in rolling bearings
- First-class processing
- Transport safety
- Contours are transferred to reed
- Height adjustment 1/100 mm
- Produced with modern CNC technology
- blade block in exchange

## Content

- I. My new tip profiling machine
- II. To prepare Bassoonreed
- III. Right position for the reed
- IV. Tip the bassoonreed
- V. Change profiling thickness
- VI. Change template
- VII. Change plaque
- VIII. Disclaimer of liability

### I. My new tip profiling machine



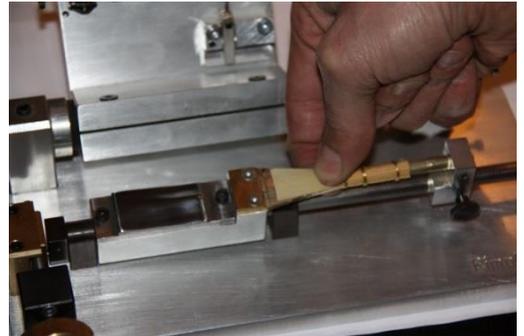
## II. to prepare bassoonreed

Before placing the reed on the plaque, press it together  
As this picture.



## III. Right position for the Reed

- mount the reed on mandrel (No. 7)
- place the opening of the reed over the plaque (No. 6)  
Until the mark
- locking the screw from the mandrel (No. 7)
- before you beginning the profiling from the reed, press the side from the bassoonreed on the plaque.



## IV. Tip the Bassoonreed

**It must only be started on the side from the Bassoonreeds, to prevent the sides breacking out.**

In order to prevent breakage or other damage to the edges of the reed, begin profiling at the far edge of one side of the reed blade and profile across the reed tip to a point just past the centerline of the reed. Then, use the template position knob (No. 4) to reposition the template/ mandrel assembly at the near edge of the same side of the reed blade and continue profiling from that edge of the reed blade to a point just past the centerline. During profiling of the reed tip, use the entire length of travel of the blade carriage (No.5), beginning at the point closest to the reed's collar.

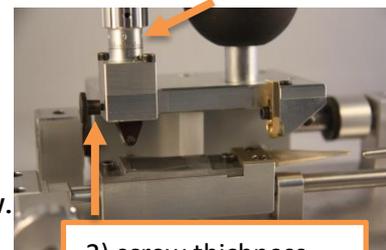
Make only slight turns of the template position knob (No. 4) for each stroke of the carriage in order to produce a smooth profile across the reed tip.

When one blade is complete, loosen the reed/ mandrel assembly locking screw and pull the reed/ mandrel assembly away from the plaque. Reposition the reed on the mandrel assembly with the other unprofiled blade facing up, and repeat the profiling process on the other reed blade.

## V. Changing profilng thickness

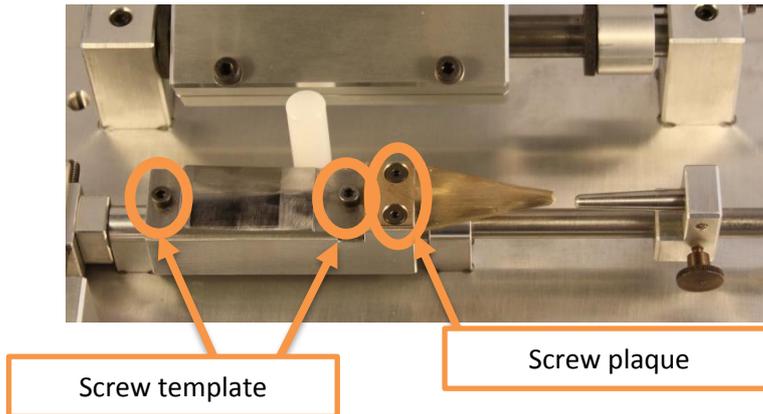
Loosen the thickness adjustment locking screw  
Turn the thickness adjustment knob towards the – to make the profile thinner and towards to + to make the profile thicker.  
Dont forget: After changing the position of the thickness adjustment knob, retighten the thickness adjustment locking screw.

1) Thickness adjustment



2) screw thichness adjustment

## VI. Change template



Raise the blade carriage to gain access to the template

Remove the two small Allen bolts that secure the template in place (look at the picture – white arrow)

Carefully pry up the template and remove it

While carefully aligning the center pins, mount the new template in its position on the holder.

Replace and tighten the screws that secure the template in place, being careful not to overtighten.

After each template change, the thickness settings of the profiling machine must be reset

## VII. Change plaque

Raise the blade carriage up and away from the plaque.

Remove the two small Allen screws that secure the plaque in position

Remove the plaque.

While carefully aligning the center pins, mount the new plaque in place of the one that was removed.

Replace and tighten the screws that secure the plaque in place, being careful not to overtighten.

## VIII. Disclaimer of liability

The manufacturer of this machine is not liable for personal injury or property damage if used improperly.

The tip profiling machine is only suitable for planing mounted bassoon reeds.

Do not touch the edge of the built-in knife with your fingers. This is

Very sharp and can cause injury.