



the
REED
wizard

The Reed Wizard is a sophisticated, precision profiling device that quickly, simply, and accurately redesigns the shape of commercially manufactured reeds. There are two procedures in adjusting the side rails and heart area which determine how the reed sounds and performs.

To adjust the side rails, hold the carriage with your thumb and middle finger. Place the carriage with the honing blade facing the metal guide lines. Align the outer ear of a reed with the metal guide on the grooved platform, with the side of the reed parallel to the base edge. Use the side of the carriage and the steel post as a fence. Use your other thumb to hold the reed firmly against the steel post and the base. Gently move the carriage back and forth, with minimal downward pressure, to remove mass from the reed's surface. When there is no resistance moving the carriage back and forth, this indicates that the reed's parabolic contour has been redesigned. Move the reed to the transverse side of the grooved platform and repeat the same procedure.

For adjusting the heart area, place the reed's side adjacent to the base beam. Move the reed forward, past the metal guide lines with the tip at the end of the grooved platform. Gently move the carriage back and forth to remove mass. Repeat the same procedure on the transverse side of the base beam.

Adjusting reeds is a mirroring process of honing one side and then repeating the same procedure on the other side of the reed. The Reed Wizard will perfectly balance your reed. If your mouthpiece's facing is asymmetrical, a balanced reed will not be optimal.

Do not allow the side nor the tip of the reed to project over the edge of the grooved platform. The carriage must maintain contact with the base track at all times. Raising the back of the carriage may cause damage to the reed.

Test often: Always place the reed in the same position on your mouthpiece for testing. Experimenting with different placement of the reed on the base will yield different playing results.

Caution!!! Do not adjust the height of the honing blade. This will change the cutting measurements and will void any warranty. With proper use, the honing blade will never need to be sharpened.