

R.C.R. REED BLOCKS

The reed block is the piece of wood upon which the **music plates/reed plates** are anchored.

Reed block is made of three parts: the head, the body and the base.

The base is the part firmly anchored on the bass plate.



Preparing the wood

The wood for each part of the reed block is cut to size and stored in a dry place.



Preparing the reed block body

The body is cut into thin strips from cedar wood. These strips will form the boxes for the reeds.



Molding

- Thin strips of wood are put into special molds in order to to build a model.
- Once the strips are ready, they are glued to the centre of the reed block.
- The molds are put under the press until fully dried.



Bone glue dipping of the reed block

This step is very important for the reinforcement of the reed block assembly. It's also required to obtain a better quality of the sound propagation.

Cutting into two sections

At this phase the reed scale and the reed block inclination are established.



Cleaning and finishing the reed block

At this point the reed block is cleaned with a machine or by hand. The finishing touches are added to the reed block.



Implementing the grooves

To finish the work on the body, the reed block is transferred to another department. If necessary, a small amount of wood is removed to make the grooves.



Treating the grooves with the bone glue

At this stage of the process, the bone glue is applied on the grooves with the use of a brush.



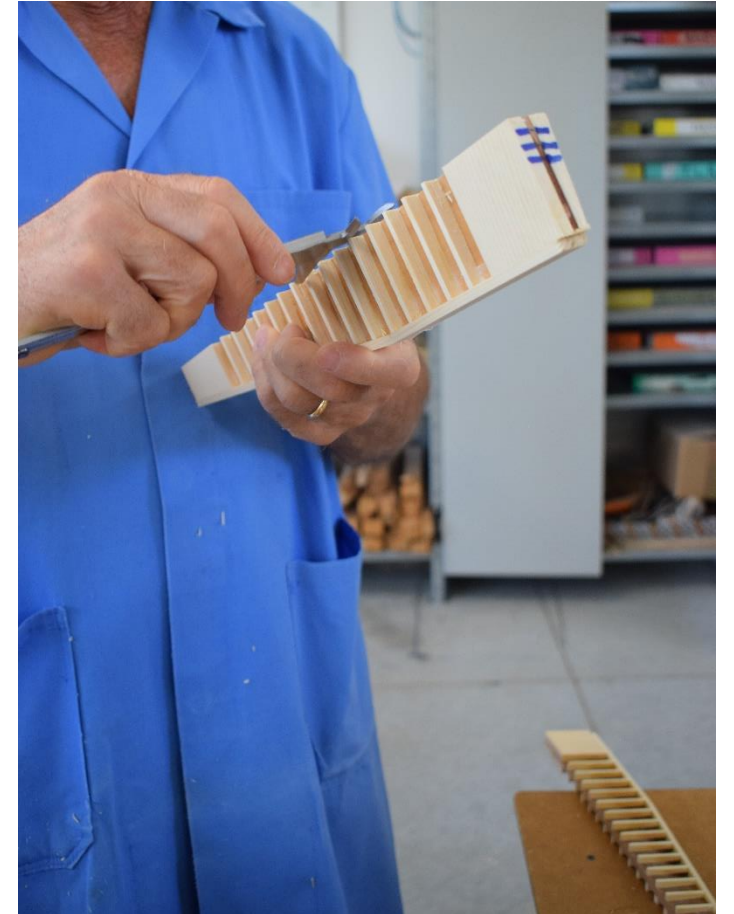
Putting the finishing touches to the head

A rectangular-shaped piece of Italian pine wood is glued upon the reed block using the bone glue. It is then adjusted to fit the head of the reed block. The whole **unit** is put under the press and left to dry.



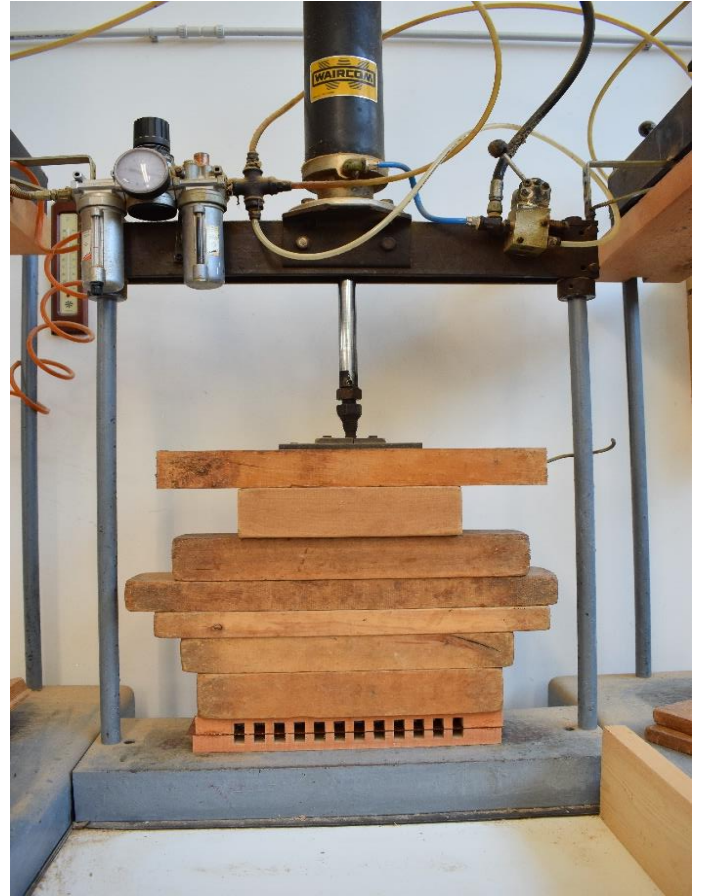
Finishing the reed block

In this phase the depth of the boxes for the reeds it is verified and defined. The dimensions of the finished reed block are also checked.



Making the base

The base is obtained using milled wood. The base is then glued to the reed block.



Base bonding

Finally the obtained base is glued upon the reed block.