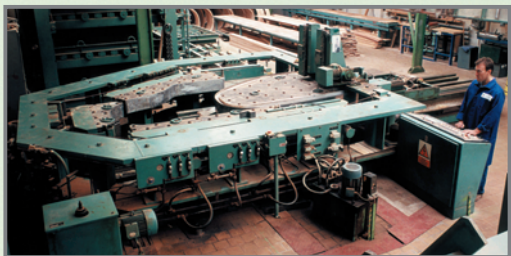




Working of the cast plate by manual filing.



Framework construction follows the templates made for individual models. Mostly manual work.



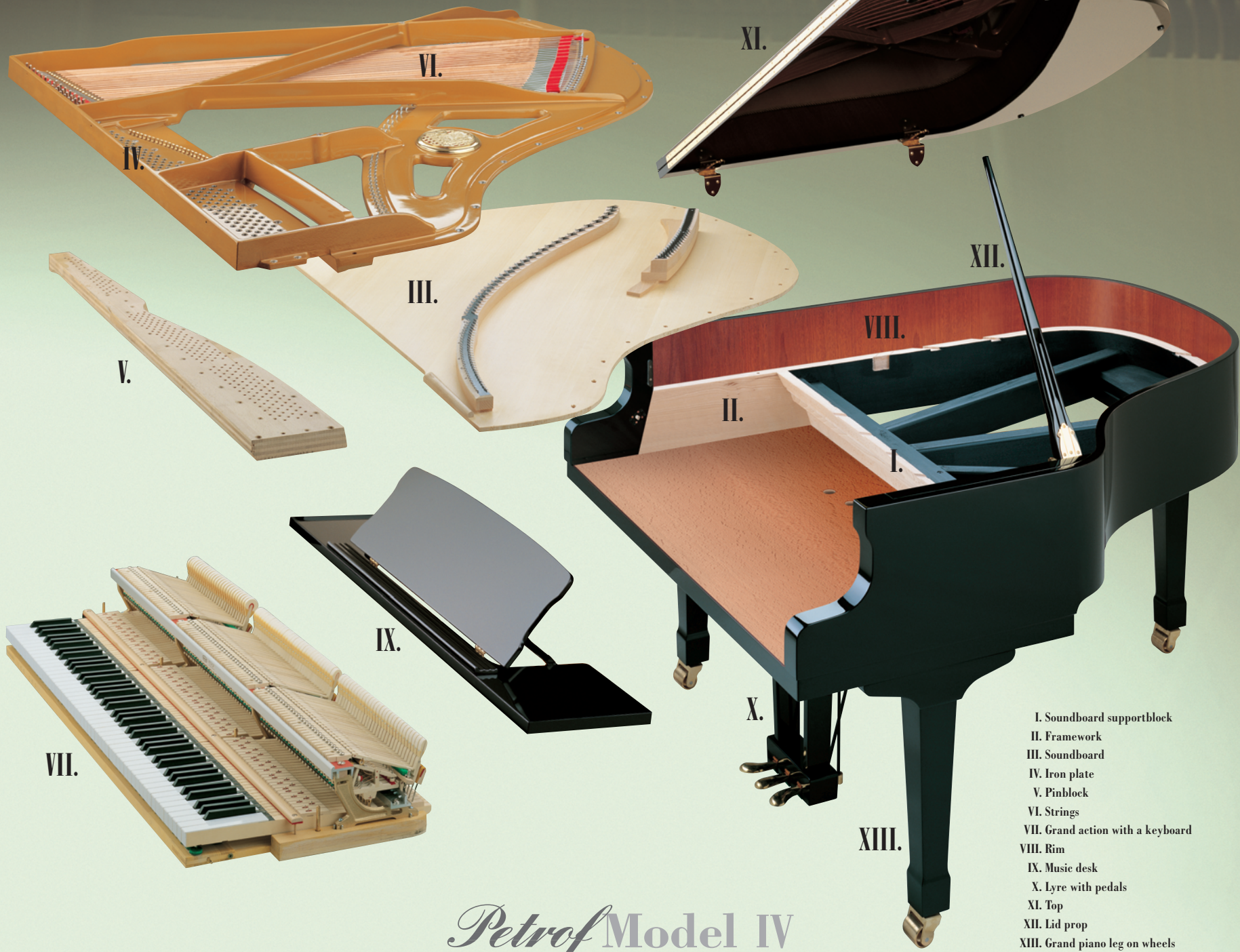
Pressing of the rims in automatic presses with replaceable templates for individual models.



Fixing of the soundboard on framework according to the templates designed for individual models. Mostly manual work.



PETROF®
PIANOS SINCE 1864



- I. Soundboard supportblock
- II. Framework
- III. Soundboard
- IV. Iron plate
- V. Pinblock
- VI. Strings
- VII. Grand action with a keyboard
- VIII. Rim
- IX. Music desk
- X. Lyre with pedals
- XI. Top
- XII. Lid prop
- XIII. Grand piano leg on wheels

Petrof Model IV

The soundboard is made of thickly ringed, radially cut resonance spruce grown in mountain areas at about 1.000 m above sea level. (Similar material is also used for the making of master violins.)

Ribs are also manufactured of similarly selected sound spruce tree whose annual rings are perpendicular to the soundboard surface.

The keyboard is made of tangentially cut spruce joints. The key covering of naturals and sharps is made of LURAN; the sharps of master instruments being made of ebony.

High-quality IMADGAWA hammers are included in standard equipment.

Hammers by RENNER are placed into instruments on special request.

The iron plate is cast of gray cast iron. The plate is supplied by a traditional Czech manufacturer for more than 130 years. The mould is made by using special mould board, which ensures excellent shape stability. The plate surface is finished spraying with metallic with acrylate varnish.

The grand action is provided upon the customer's request either as the original RENNER action, or as the RENNER - PETROF actions, the latter being made of RENNER components assembled at the PETROF company.

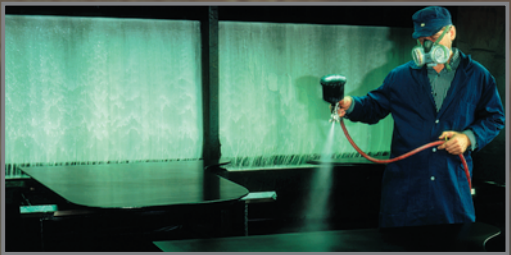
The pinblock is made of laminated beech the layers of which are glued together at strictly defined angles in at least five layers.

Framework are assembled of several shaped laminated pressed pieces of beech and mahogany wood and of straight solid spruce posts and other parts in assembling templates.

The surface is coated with polyester varnish, mainly that manufactured by BASE, while the soundboard is treated with polyurethane varnish.

String wire is manufactured by RÖSLAU in all dimensions.

Copper winding from the high-quality production of the DEGEN company undergoes thermal processing completed with the highest professional care.



Varnishing of piano case parts is mostly completed by manual spraying in completely equipped spraying boxes.



The outer rim is polished by means of an automatic polishing machines as well by manual circular polishing machines.



The gluing of key Coverings are accomplished by injection on an ENGEL ES 200/700 press.



Stringing is made on a modern stringing machine. Concert instruments are strung manually.



Total assembly, including dampers: mostly manual work completed by qualified piano makers with the highest care.



Voicing is provided by specially trained piano makers having many years of practice and rich experience in this field.