

REVEALING THE IMPORTANT STEPS IN RESTORING A USED PIANO



Piano is one of the most popular and most complex piece of musical instruments in the entire world that comprises at least 500 components in the piano action area alone, in which comprises of the commonly known parts such as hammers, strings, dampers, screws and many other small bits and pieces that work simultaneously to produce melody tones.

Piano is also the most commonly chosen instruments by many music learners, regardless if they are from younger or older generation, who wanted to start learning music today. Each piano is considerably different from one another. Therefore we often see many piano lovers are willing to invest their money in restoring their old or aged pianos rather than replacing it with a brand new unit. Besides the sentimental value brought by their old existing pianos, the huge investment for an expensive new piano might be the vital decision factor for most of the piano seekers opting for a piano restoration instead.

Restoration of a used piano is not only a very tedious and time-consuming process but requires well-trained and experienced piano technicians to work on it too. After acquiring over more than 27 years of experiences and working with over 40 piano specialists in rebuilding or reconditioning used pianos, we at PUSAT MUZIK LKS SETAPAK SDN BHD are now able to produce at a daily rate 5 to 6 unit of fully restored pianos. We repair, restore, overhaul and supply fully reconditioned grade A upright and grand pianos to both local and overseas markets.

All the used pianos are handpicked and imported by batches directly from Japan. These yet to rebuilt pianos are placed and stored at the large warehouse before sending into the factory for restoration process. The complex restoration process can be summarized into six main stages.

1. **Breaking-down stage:** labelling and dismantling of piano parts (panels, tops, key covers, actions, keyboards, etc) and covering and protecting the important areas of the piano (sound board, iron frame, key-frames, etc).
2. **Spraying stage:** in which it is considered a major work of patching the uneven surface and pores, spraying (base colour is usually black), sanding (to achieve smoothness) and following by spraying again with finishing coat.
3. **Polishing stage:** polishing all cabinetry surfaces, covers and internal metal parts like iron frame, pins, strings, pedals, etc. If required, these parts will be replaced with new parts too.
4. **Action overhauling stage:** removing and replacing the worn and torn parts, re-assembling and regulating all the action components like centre pins, hammers, keys, dampers, bridle straps, adjusting the key-frames and keyboards.
5. **Tuning stage:** each piano will be re-tuned to its standard concert pitch (A440) and it is ready to be displayed at the showroom for sale.
6. **Quality Control stage:** Upon receiving orders, the sold pianos will undergo surface re-polishing and followed by action, keys and pedals re-testing to ensure all the necessary components are 100% functional, properly aligned with excellent touch and sounded perfectly.

After the above stages are completed, these reconditioned to 'like new' pianos are ready to be packed with or without wooden boxes, and delivered to the designated destinations throughout Malaysia as well as overseas countries.

We do provide customization works based on individual customer's request especially when comes to overhauling an antique piano or collector item. Being able to produce reasonably large volume of recon pianos on a monthly basis, we are very confident with our capability in supplying a full-restored piano at very much affordable price compare to others.

Below pictures better illustrates the above restoration stages.



Stage1: Piano Labelling Area



Stage1: Piano Disassembling Area



Stage2: Piano Spraying Area



Stage2: Piano sanding Area



Stage3: Piano Polishing Area



Stage4: Piano Action Storage Area



Stage4: Restoring Keyboard



Stage4: Before and After



Stage4: Piano Regulation Area



Stage5: Tuning Area



Stage5: Piano Storage Area



Stage5: Piano Storage Area



Stage6: Final QC



Stage6: Finishing Touch



Stage6: Piano Packaging