

## **Maestro Woodwind Musical Instruments Professional Woodwind Overhaul Guide**

### *Professional B-flat & A Clarinet Overhaul Includes:*

- 1) Wood is carefully inspected for imperfections and cracks
- 2) Springs are rust-proofed, greased and replaced if necessary
- 3) Keys are polished to a high buff with special white buffing rouge
- 4) Rods and screws honed and lapped – replaced if necessary
- 5) Undercutting of toneholes, if necessary
- 6) Rings are tightened by an Arbor Press Ring Machine if necessary
- 7) New Tenon corks
- 8) Swedging of keys to eliminate lost motion and key noise
- 9) Only Glotin-Buffer Double Skin Pads used

### *Professional Oboe Overhaul Includes:*

- 1) Special cross grained cork pads throughout instrument
- 2) Keys are polished to a high buff with special white buffing rouge
- 3) Springs rust-proofed and greased – replaced if necessary
- 4) New Tenon corks
- 5) Wood is inspected for imperfections and cracks
- 6) Bore reamed if necessary – 10 checkpoints are used to determine proper bore dimensions
- 7) Rods and screws are honed and lapped – replaced if necessary

### *Professional Saxophone Overhaul Includes:*

- 1) Body cleaned with special non-acid solution – no damage to metal or toneholes
- 2) Each sax is hand-buffed and polished
- 3) Metal or plastic resonator pads are used (per customer specification)
- 4) Leveling of toneholes if needed
- 5) Only Blue Steel English springs or stainless steel springs used
- 6) Swedging of keys to eliminate lost motion and key noise
- 7) Minor body dents removed
- 8) New neck cork and neck swedging into body socket

### *Professional Bassoon Overhaul Includes:*

- 1) Pads are hand stitched and treated with Paraffin and Non-Porous sealer
- 2) Special cross grained cork or neoprene pads on wing joint
- 3) Staining and spraying of worn areas on wood
- 4) Set screws added to eliminate movement of posts
- 5) Keys are polished to a high buff with special white buffing
- 6) Springs are rust proofed and greased – replaced if necessary
- 7) New Tenon Cork
- 8) Hand refacing of toneholes with special refacing tools

- 9) Swedging of keys, as well as Teflon washers used to eliminate lost key motion and key noise
- 10) High A, C, and D key speaker tubes removed as necessary to insure perfect suction
- 11) Rods and screws are honed and lapped – replaced if necessary
- 12) Minor bocal removed at no extra charge
- 13) Complete sealing of boost joints include: elbow removed and cleaned, wood rebuilt if necessary and new cork and gaskets

*Additional Cost Items*

- 1) Custom key work including addition of High D and E keys
- 2) Key rollers installed
- 3) Hand rest and Joint Lock installation
- 4) Whisper Key Lock
- 5) Tenon Replacement
- 6) Plating – triple silver or nickel plating

*Professional Flute and Piccolo Overhaul Includes:*

- 1) Finest yellow skin treated pads
- 2) New head joint cork
- 3) Swedging of keys and head joint
- 4) Each flute is sonically cleaned
- 5) Spring wire used
- 6) Rods and screws are honed and lapped – replaced if necessary

*Additional Cost Item:*

Hand cut Embouchure