

**Denner, Jacob, 4 key bassoon; DennerJ1-O-LinzMu33**

Complete Project Title: DennerJ1-O-LinzMu33-Wg1-WOB-DNM

Denner, Jacob (1681-1735) Nürnberg

Literature: Dart, Mathew. *The Baroque Bassoon: form, construction, acoustics, and playing qualities*. PhD thesis, London Metropolitan University, 2011, pp. 413-416.

Dullat, Günter. *Verzeichnis der Holz- und Metallblasinstrumentenmacher auf Deutschsprachigem Gebiet von 1500 bis Mitte des 20. Jahrhunderts*, Scheider, 2010.

Hofer, Achim, et al. *Lexikon der Holzblasinstrumente*. Laaber, 2018, pp. 205-207.

Rendall, Geoffrey. *The Clarinet*, Third Edition. Norton, 1971, pp. 67, 68.

Waterhouse, William. *The New Langwill Index*. Tony Bingham, 1993.

Young, Phillip. *4900 Historical Woodwind Instruments*.

Tony Bingham, 1993.

Young, Phillip. *Die Holzblasinstrumente im Oberösterreichischen Landesmuseum*. Oberösterreichischen Landesmuseum, 1994, pp. 196-197.

Location: Linz: Oberösterreichisches Landesmuseum, Austria, Inv. No. Mu33

Measured 6 June 2013;

4 Key Ab (on small bore)

Yes; Swallowtail F key touch

No; Two-piece saddle on F key flap and touch [But could have been changed]

**Yes; Axle-Staple system on Ab key only, not on F key flap or touch**

No; Two-hole boot joint system [boot joint could have been changed]

No; Military bell

No; Bell flare; very short bell

No; Bell crown

No; Bell chamber; very short bell

No; Tone hole on bell; very short bell

No; platform on Long Joint

Notes; 1. Keys in integral wooden blocks on long joint

2. Keys on boot in brass saddles, maybe not original

3. "Axle-staple" system on F key flap

4. Short bell 49.5 mm long

5. Wing extremely bowed (warped)

6. Bocal receiver replaced, very narrow!!

Standing Height; Bell, long joint, boot 98.6 cm (49.5 mm bell)

Wing and boot 87.0 cm

Stamps: Boot, long joint

### Measurements not included on Data file

Ab tone hole;	Could not remove key; but tone hole c. 5mm c. 290mm from top of socket
Boot joint small socket depth	c. 41mm; bottom of socket rotted
Boot joint large socket depth	c. 41mm bottom of sockets are a bit rotted
Cronin Meas.	337 mm
Wing thickness across E [II] tone hole	37.8mm