

Schaufler, Carl August, 10 key bassoon; Schaufler2-O-Leipzig1393

Complete Project Title: Schaufler2-O-Leipzig1393-Wg1-WOB-DNM

Carl August Schaufler, Stuttgart (1792-1877)

Literature; Dullat, Günter. *Verzeichnis der Holz- und Metallblasinstrumentenmacher auf Deutschsprachigem Gebiet von 1500 bis Mitte des 20. Jahrhunderts*. Scheider, 2010, pp. 405, 406.
Hofer, Achim, et al. *Lexikon der Holzblasinstrumente*. Laaber, 2018, p. 666.
Heyde, Herbert. *Rohrblattinstrumente Katalog* [Leipzig: Grassi Museum für Musikinstrumente der Universität Leipzig]. unpublished manuscript, 1979.
Jansen, Will. *The Bassoon: Its History, Construction, Makers, Players and Music*. Frits Knuf, 1978, Vol. I, pp. 476, 477.
[Jansen lists this bassoon]
Waterhouse, William. *The New Langwill Index*. London: Tony Bingham, 1993.
Waterhouse, William. *The Proud Bassoon*. No. 19. 1983.
Werr, Sebastian. *Geschichte des Fagotts*. Wißner-Verlag, 2011, pp. 67, 138, 139.
[Werr documents this bassoon with dimensions and photos]

Location: Grassi Museum, Leipzig, Germany

Measured 23 Jan 2024

10 Key: Ab (on large bore), two wing keys, Low Eb for left little finger;
F# for R thumb, C# for right thumb,
and Bb between V and VI (venting into small bore of boot)

No; Swallowtail F key touch

No; Two-piece saddle on F key flap and touch

Yes; Two-hole boot joint system, vrfd by bore photos

Yes; Military bell

Yes; Bell flare

No; Bell crown

No; Bell chamber

No; Tone hole on bell

Yes; Platform on long joint

Dated; No

Notes: 1. Bassoon made of maple

2. All keys in metal saddles

3. Finger holes do not show much wear

4. Waterhouse mentions the "thicker wall profile"

Found on the wing and boot joint is a characteristic of Schaufler.
Tone lengths are very long on wing and boot because of this thickness of the wall.

5. Wing keys are reversed as to which key is higher up the wing.

This is a characteristic of the "Stuttgarter Fagott."

Lowest key is highest up the wing.

Standing Height; Bell, Long joint, Boot 132.4cm [vrfd long bell]
[Measured with boot cap on]

Wing and boot 89.3cm

Stamps on all joints; Wing, boot, long joint and bell
There is a Crown over Schaufler

Measurements not included on Data file

Ab tone hole [large bore] 10.4mm diameter
371mm from boot joint socket
Drilled over to small bore
19.0mm length

Low Eb key [left little finger] 9.5mm diameter
140mm from small long joint tenon vrfd
6.2mm length

F# key [right thumb] 8.0mm diameter
237mm from large boot socket
15.5mm length [drilled into boot large side]

C# key [right thumb] 7.2mm diameter
61mm from small boot socket
23 length [drilled over into boot small bore]

Bb Key [right 3rd finger] 5.8mm diameter
246mm from small bore socket
Drilled over to small bore
30.2 length [into boot small bore] vrfd

Undercutting on long joint Yes, in long joint

Boot joint small socket depth 39.8mm
Boot joint large socket depth 43.4mm

Cronin Meas. 319mm

Wing thickness across E [II] tone hole 48.5mm