



Catalogue

Arnolds & Sons[®]
Fine Wind Instruments



Trumpet

The trumpet has a long and rich history. It is believed that the trumpet was used as a signaling device in ancient Egypt, Greece and the Near East. During the Romantic period, the trumpet was evident in various forms of art such as literature and music. But during this time, the trumpet was merely recognized as an instrument used to signal, announce, proclaim and for other relevant purposes. It was later when the trumpet began to be considered as a musical instrument.

14th–15th CENTURY — The trumpet acquired its folded form. It was referred to as natural trumpet and produced “harmonic” tones. Also, the tromba da tirarsi emerged, an instrument that was fitted with a single slide on the mouth pipe to create a chromatic scale.

16th CENTURY — The trumpet was used both in courtly and military purposes. Also, during this period, trumpet making became popular in Germany. Before the end of this period, the use of the trumpet for musical works began. At first the low register of the trumpet was used then later on musicians began to utilize the higher pitches of the harmonic series.

17th–18th CENTURY — The trumpet was at its height and was used by famous composers such as Leopold (Mozart’s father) and Michael (Haydn’s brother) in their musical works. The trumpets of this time were in the key of D or C when used for courtly purposes and in the key of Eb or F when used by the military. Musicians of this period played specifically in different registers. Notably, in 1814, the valves were added to the trumpet to enable it to play the chromatic scale evenly.

19th CENTURY — The trumpet was now known as an orchestral instrument. The trumpet of this era was in the key of F and had crooks for the lower keys. The trumpet continued to undergo improvements such as the slide mechanism which has been attempted since the 1600s. Later on, the crooks of the orchestral trumpet were replaced by valves. Changes in the size of the trumpet also occurred. Trumpets were now louder and easier to play due to the improvements they underwent.



Characteristics

The fundamental characteristics of the ARNOLDS & SONS® trumpets are solid workmanship, long lasting materials, as well as intonation and response characteristics that ideally support the beginner trumpet player.

Standard for all trumpets:
Unless otherwise stated, yellow brass bell plasma welded, reinforced bell with bead wire, nickel silver outer slides, steel valves, saddle on 1st valve, ring on 3rd valve, machine engraved bell, traditional waterkeys, includes case and accessories.



“The ARNOLDS & SONS® trumpets are well balanced, all-round instruments. Their good intonation, excellent finish and favourable price make them an ideal choice for beginners.”



Heiko Hubmann, trumpet player and pedagogue with his ARNOLDS & SONS® ATR-5200GSG

ATR-235
Bb-Trumpet, steel valves, goldbrass leadpipe, adjustable ring on 3rd valve

ATR-235S
Bb-Trumpet, steel valves, silver plated, adjustable ring on 3rd valve

ATR-635
Bb-Trumpet, steel valves, goldbrass leadpipe and bell, adjustable ring on 3rd valve



ATR-4200
Bb-Trumpet, goldbrass leadpipe, adjustable ring on 3rd valve

ATR-4200G
Bb-Trumpet, goldbrass leadpipe and bell, adjustable ring on 3rd valve

ATR-5200GS
Bb-Trumpet, silver plated, goldbrass leadpipe and bell, Amado style waterkeys

ATR-5200GSG
Bb-Trumpet, silver plated, goldbrass leadpipe and bell, goldplated caps, Amado style waterkeys

Concept



The concept of the Terra range is where ideas become reality. Introducing professional features in instruments that are absolutely economically manufactured, the Terra range defines a new segment.

Response and intonation characteristics are based on the heightened expectations of experienced musicians. The choice of materials and workmanship complement an attractive offer for the demanding instrumentalist.



Standard for all trumpets:
Unless otherwise stated, yellow brass bell plasma welded, reinforced bell with bead wire, nickel silver outer slides, steel valves, saddle on 1st valve, ring on 3rd valve, machine engraved bell, traditional waterkeys, includes case and accessories.

ATR-8837
Bb-Trumpet, bell 37, thumb hook with stopper on 1st valve slide, ring with stopper on 3rd valve slide

ATR-8837G
Bb-Trumpet, goldbrass bell 37, thumb hook with stopper on 1st valve slide, ring with stopper on 3rd valve slide

ATR-8843S
Bb-Trumpet, silver plated, bell 37, thumb hook with stopper on 1st valve slide, ring with stopper on 3rd valve slide

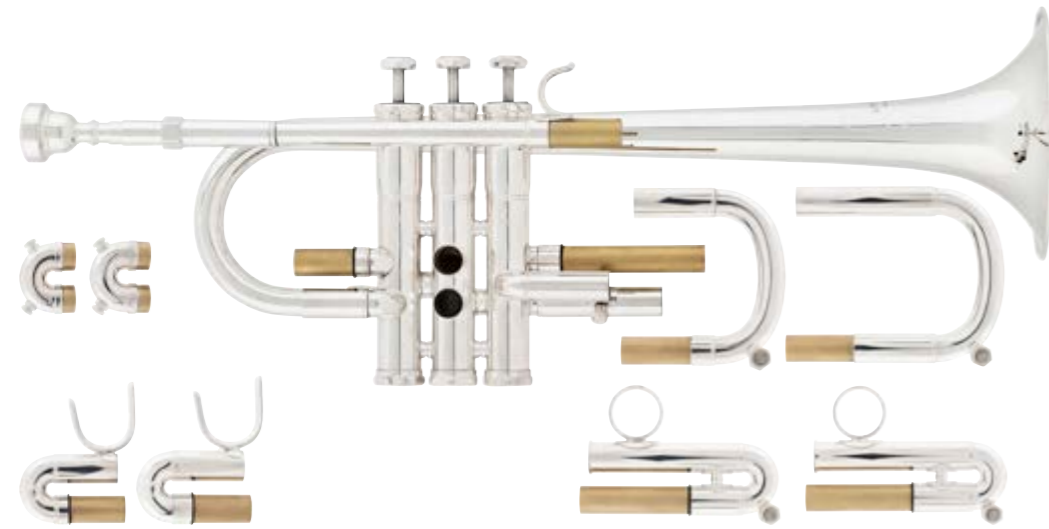


Models of the series 8000 – Professional
Bell 37: 8837, yellow brass bell | 8837G, goldbrass bell | 8837S, yellow brass silver plated | 8837GS, goldbrass silver plated
Bell 43: 8843, yellow brass bell | 8843G, goldbrass bell | 8843S, yellow brass silver plated | 8843GS, goldbrass silver plated
All models are also available with a lightweight bell (LT): 8837★ | 8837G★ | 8837★S | 8837G★S etc.

Flexibility



Terra also stands for as much flexibility in one instrument as possible. By simply changing all the slides in the Bb/C or Eb/D, you can alter the pitch of the instrument to the key you require. Further, the Bb/C has a separate bell and lead-pipe for each pitch.



Standard for all trumpets: Unless otherwise stated, yellow brass bell plasma welded, reinforced bell with bead wire, nickel silver outer slides, steel valves, saddle on 1st valve, ring on 3rd valve, machine engraved bell, traditional waterkeys, includes case and accessories.

ATR-4600GS
Eb/D-Trumpet, silver plated, goldbrass leadpipe and bell, with Eb- and D-slides, Amado style waterkeys

ATR-4600GS
Eb/D-Trumpet, silver plated, goldbrass leadpipe and bell, with Eb- und D-slides, Amado style waterkeys

ATR-5600GS
Bb/C-Trumpet, silver plated, goldbrass leadpipe and bell, Bb-Bell, C-Bell, and full sets of Bb- and C-slides, Amado style waterkeys

ATR-6600GS
C-Trumpet, silver plated, goldbrass leadpipe and bell, Amado style waterkeys

ATR-8600S
C-Trumpet, silver plated, reversed goldbrass lead pipe



Rotary valve Trumpet

ATR-4000
Concert trumpet, 3 rotary valves, nickel silver leadpipe, trigger and waterkey on 3rd valve, long waterkey on main tuning slide



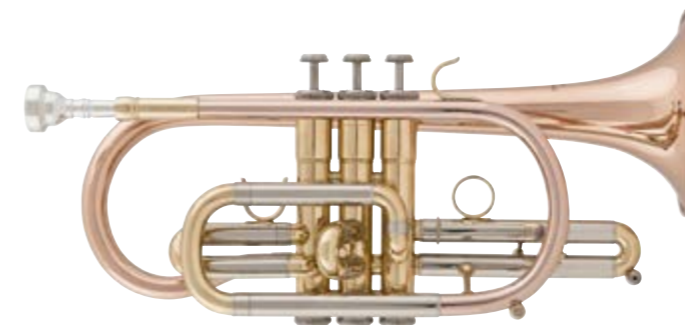
Pocket Trumpet

ATR-200
Bb-Pocket Trumpet, compact, monel valves, also available in red, blue and black laquer finish



Cornet/Flugelhorn

Standard for all cornets and flugelhorns: Unless otherwise stated, yellow brass bell plasma welded, reinforced bell with bead wire, nickel silver outer slides, steel valves, saddle on 1st valve, ring on 3rd valve, machine engraved bell, traditional waterkeys.



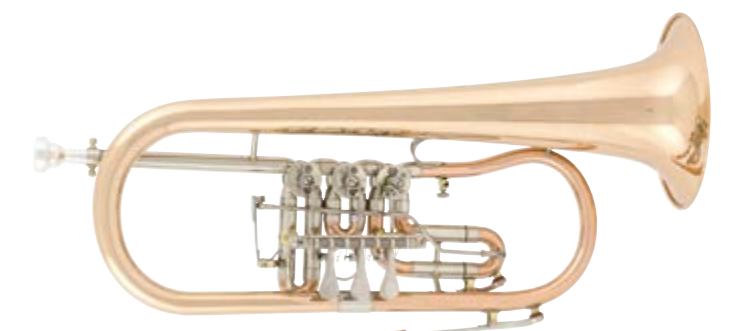
ACR-655G/655S/655
Bb-Cornet, steel valves, goldbrass leadpipe and bell, Amado style waterkeys. Optional models: 655S silver plated and 655 yellow brass



ACR-4220S/4220G/4220
Bb-Cornet, Monel valves, goldbrass leadpipe and bell, silver plated, adjustable ring on 3rd valve. Optional models: 4220G goldbrass and 4220 yellow brass



AFH-655S/655G/655
Bb-Flugelhorn, steel valves, nickel silver leadpipe, trigger on 3rd valve, silver plated, Amado style waterkeys. Optional models: 655G goldbrass and 655 yellow brass



AFH-4050
Concert Flugelhorn, 3 rotary valves, goldbrass bell, nickel silver lead pipe, trigger and waterkey on 3rd valve, long waterkey on main tuning slide



Model	Tuning	Bore Diameter	Bell Plasma welded					Leadpipe			Valves M = Monel S = Steel B = Brass C = Cylinder	Slides 1)				Waterkeys		Finish		Level
			Diameter	Yellow brass	Goldbrass	Reinforced bell with bead wire ★ = LT Bell	Engraving	Goldbrass	Brass	Nickel silver		Saddle on 1 st valve	Adjustabel ring on 3 rd valve	Ring on 3 rd valve	Trigger on 3 rd valve	Traditional	Amado Style	Lacquered	Silver plated	
ATR-235	Bb	11,68 mm	123,00 mm	▪		▪	▪	▪			S	▪	▪			▪		▪		Student
ATR-235S	Bb	11,68 mm	123,00 mm	▪		▪	▪		▪		S	▪	▪			▪			▪	
ATR-635	Bb	11,68 mm	123,00 mm			▪	▪	▪			S	▪	▪			▪		▪		
ATR-4000	Bb	11,00 mm	130,00 mm	▪		▪	▪			▪	B C				▪	▪		▪		Intermediate
ATR-4200	Bb	11,68 mm	120,65 mm	▪		▪	▪	▪			S	▪	▪			▪		▪		
ATR-4200G	Bb	11,68 mm	120,65 mm			▪	▪	▪			S	▪	▪			▪		▪		
ATR-5200GS	Bb	11,68 mm	120,65 mm			▪	▪	▪			S	▪		▪			▪		▪	
ATR-5200GSG	Bb	11,68 mm	120,65 mm			▪	▪	▪			S 3)	▪		▪			▪		▪	
ATR-5600GS	Bb/C	11,68 mm	123,00 mm			▪	▪	▪			S	▪		▪			▪		▪	
ATR-6600GS	C	11,68 mm	120,65 mm			▪	▪	▪			S	▪		▪			▪		▪	
ATR-8600S	C	11,68 mm	120,65 mm	▪		▪	▪	▪			S	▪		▪		▪			▪	Professional
ATR-4600GS	Eb/D	11,68 mm	113,20 mm			▪	▪	▪			S	▪		▪			▪		▪	
ATR-8837/8843	Bb	11,68 mm	123,00 mm	▪		▪	▪	▪			S	▪		▪		▪		▪		
ATR-8837S/8843S	Bb	11,68 mm	123,00 mm	▪		▪	▪	▪			S	▪		▪		▪			▪	
ATR-8837G/8843G	Bb	11,68 mm	123,00 mm			▪	▪	▪			S	▪		▪		▪		▪		
ATR-8837GS/8843GS	Bb	11,68 mm	123,00 mm			▪	▪	▪			S	▪		▪		▪			▪	
ATR-8837★/8843★	Bb	11,68 mm	123,00 mm	▪		▪	★	▪			S	▪		▪		▪		▪		
ATR-8837★S/8843★S	Bb	11,68 mm	123,00 mm	▪		▪	★	▪			S	▪		▪		▪			▪	
ATR-8837G★/8843G★	Bb	11,68 mm	123,00 mm			▪	★	▪			S	▪		▪		▪		▪		
ATR8837G★S/8843G★S	Bb	11,68 mm	123,00 mm			▪	★	▪			S	▪		▪		▪			▪	
ACR-4220	Bb	11,40 mm	118,50 mm	▪		▪	▪	▪			M	▪	▪			▪		▪		Intermediate
ACR-4220S	Bb	11,40 mm	118,50 mm	▪		▪	▪	▪			M	▪	▪			▪			▪	
ACR-4220G	Bb	11,40 mm	118,50 mm			▪	▪	▪			M	▪	▪			▪		▪		
ACR-655	Bb	11,80 mm	120,00 mm	▪		▪	▪	▪			S	▪		▪			▪		▪	Student
ACR-655S	Bb	11,80 mm	120,00 mm	▪		▪	▪	▪			S	▪		▪			▪		▪	
ACR-655G	Bb	11,80 mm	120,00 mm			▪	▪	▪			S	▪		▪			▪		▪	
AFH-4050	Bb	11,20 mm	150,00 mm			▪	▪	▪			C				▪	▪		▪		
AFH-655	Bb	11,20 mm	154,00 mm	▪		▪	▪	▪			S				▪		▪		▪	
AFH-655S	Bb	11,20 mm	154,00 mm	▪		▪	▪	▪			S				▪		▪		▪	
AFH-655G	Bb	11,20 mm	154,00 mm			▪	▪	▪			S				▪		▪		▪	
ATR-200	Bb	11,70 mm	104,00 mm	▪		▪	▪	▪			M					▪		▪ 2)		

★ = Light weight

2) Also available in red, blue and black

1) Hand lapped valves, nickelsilver outer slides

3) Goldplated caps

All ARNOLDS & SONS® trumpets, flugelhorn and cornets include a mouthpiece, comfort-case and accessories.
Subject to change without notice.



Trombone

Trombones have been around for over 600 years. The original design of the trombone came from an old English instrument called the sackbut. The word sackbut probably came from the French words saquer, meaning to pull, and bouter, meaning to push.

The Italian word for sackbut is the word trompone so that's where we probably got the word. In the beginning, there were four different kinds of trombones, soprano, alto, tenor and bass. Today, the symphony orchestras and bands usually have two or three tenors and one bass trombone.

The trombone sounds as written which is different from other brass instruments. It has a long brass tube that is folded back on itself, sort of like a paper clip. The mouthpiece is pretty large and cup-shaped. The trombone has seven positions, played by sliding the tubing back and forth, hence changing the pitch.

The addition of trombones to the orchestra began in the 18th century, though their most popular role was as vocal support for the sacred music of the church, a tradition which continued until at least the mid-19th century.

By then, the bell-size became wider as a larger, louder sound was desired. Composers like Berlioz and Wagner relied heavily on trombones for bigger volume, and a far greater range of emotion expressing might, heroism, barbarism, religious fervour, and, it must be admitted, the mass of sheer volume for its own sake. This no doubt prompted Richard Strauss to utter the famous quote, "Never look at the trombones... it only encourages them."



”The ASL-4220G has convinced me completely! No matter what playing conditions or style of music, the ease of response, full round, warm tone and excellent workmanship make it a pleasure to play. Whether you be an ambitious amateur or a demanding professional, I can highly recommend this instrument, it will give you what you expect.“

Detlef Landeck, trombonist and pedagogue with his ARNOLDS & SONS® Terra ASL-4220G

Characteristics

The fundamental characteristics of the ARNOLDS & SONS® trombones are solid workmanship, long lasting materials, as well as intonation and response characteristics that ideally support the beginner trombone player.

Standard for all trombones:
Unless otherwise stated, goldbrass bell plasma welded, reinforced bell with bead wire, nickel silver inner and outer slides, traditional water-keys, includes case and accessories.

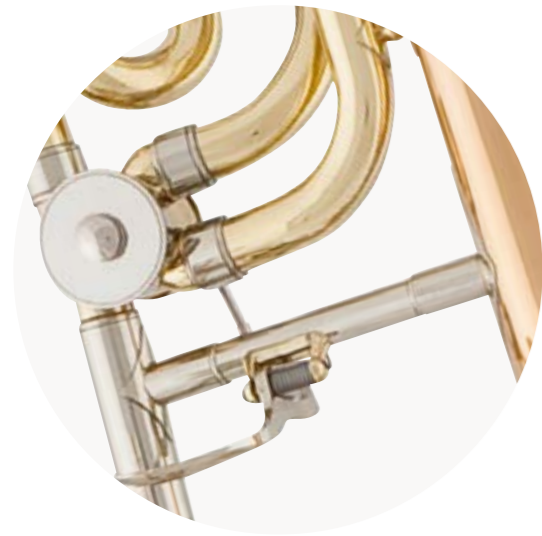


ASL-702
Eb-Alto-Trombone,
bell ø: 18.20 cm,
bore ø: 12.20 mm

ASL-703 – Junior –
Bb-Trombone,
bell ø: 20.40 cm,
bore ø: 12.70/13.34 mm, second
valve, shortened outer slide

ASL-360
Bb-Tenor-Trombone,
bell ø: 20.40 cm,
bore ø: 13.34 mm

ASL-3540
Bb-Tenor-Trombone,
bell ø: 21.00 cm,
bore ø: 12.70 mm



Standard for all trombones:
Unless otherwise stated,
goldbrass bell plasma welded,
reinforced bell with bead wire,
nickel silver inner and outer
slides, traditional waterkeys,
includes case and accessories.



ASL-360B
Bb/F-Tenor-Trombone,
bell ø: 20.40 cm,
bore ø: 13.34 mm,
quart valve



ASL-6480
Bb/F-Tenor-Trombone,
bell ø: 21.50 cm,
bore ø: 14.00 mm,
quart valve



ASL-6112
Bb/F/Eb-Bass-Trombone,
bell ø: 24.50 cm,
bore ø: 14.20 mm,
quint-/quart valve



ASL-6115
Bb/F/Eb-Bass-Trombone,
bell ø: 24.00 cm,
bore ø: 14.20 mm,
reinforced bell with soldered
bead wire,
quint-/quart valve



ASL-900
Bb-Valve-Trombone,
yellow brass bell,
3 Perinet Monel valves,
bell ø: 20.50 cm,
bore ø: 12.40 mm

Model	Tuning	Bore	Bell					Quartvalve	Slides	Valve attachment			Keys	Finish	Mouthpiece	Level
			Diameter	Yellow brass	Goldbrass	Reinforced bell with bead wire	Reinforced bell with soldered bead wire			Hand engraving on bell	Standard	Nickel silver inner and outer slide				
ASL-702	E♭	12,20 mm												Lac- quered	Size	Student
ASL-703	B♭/C	12,7/13,34 mm									3)				12 C	12 C
ASL-360	B♭	13,34 mm													12 C	12 C
ASL-360B	B♭/F	13,34 mm													12 C	12 C
ASL-3540	B♭	12,70 mm													12 C	12 C
ASL-6480	B♭/F	14,00 mm													6 1/2 AL	6 1/2 AL
ASL-310	B♭	12,70 mm													12 C	Intermediate
ASL-420G	B♭/F	13,33 mm													6 1/2 AL	6 1/2 AL
ASL-430G	B♭/F	13,89 mm													6 1/2 AL	6 1/2 AL
ASL-432G	B♭/F	13,89 mm													6 1/2 AL	6 1/2 AL
ASL-630G	B♭/F	13,89 mm													6 1/2 AL	6 1/2 AL
ASL-900	B♭	12,40 mm													1 1/2 G	Professional
ASL-4220G	B♭/F	12,70 mm													7 C	7 C
ASL-5320G	B♭/F	13,89 mm													6 1/2 AL	6 1/2 AL
ASL-634G	B♭/F	13,89 mm									conical				6 1/2 AL	6 1/2 AL
ASL-6112	B♭/F/E♭	14,20 mm													1 1/2 G	1 1/2 G
ASL-6115	B♭/F/E♭	14,20 mm													1 1/2 G	1 1/2 G

1) Quint-/Quart valve 2) Three Perinet Monel valves 3) Second valve
All ARNOLDS & SONS® Trombones include a mouthpiece, comfort case and accessories. Subject to change without notice.

Concept *Terra*

The concept of the Terra range is where ideas become reality. Introducing professional features in instruments that are absolutely economically manufactured, the Terra range defines a new segment.

Response and intonation characteristics are based on the heightened expectations of experienced musicians. The choice of materials and workmanship complement an attractive offer for the demanding instrumentalist. The concept of the Terra range is where ideas become reality. Introducing professional features in instruments that are absolutely economically manufactured, the Terra range defines a new segment.

ASL-310
Bb-Tenor-Trombone,
yellow brass bell,
bell ø: 20.32 cm,
bore ø: 12.70 mm

ASL-420G
Bb/F-Tenor-Trombone,
bell ø: 21.59 mm,
bore ø: 13.33 mm,
closed wrap F-attachment

ASL-430G
Bb/F-Tenor-Trombone,
bell ø: 21.59 mm,
bore ø: 13.89 mm,
closed wrap F-attachment

ASL-432G
Bb/F-Tenor-Trombone,
bell ø: 21.59 cm,
bore ø: 13.89 mm,
open wrap F-attachment



ASL-5320G
Bb/F-Tenor-Trombone,
bell ø: 21.59 cm,
bore ø: 13.89 mm,
reinforced bell with soldered
bead wire

ASL-630G
Bb/F-Tenor-Trombone,
bell ø: 21.59 mm,
bore ø: 13.89 mm,
reinforced bell with soldered
bead wire,
hand engraving on bell



Technology *Terra*

The concept Terra comprises also the idea of incorporating all available modern technology, with the musician in mind, into each instrument. For instance, the conical valve on the ASL-634G, directs the air column, almost without resistance, through the F-attachment.



ASL-4220G
Bb/F-Tenor-Trombone,
bell ø: 20.32 mm,
bore ø: 12.70 mm, open wrap
F-attachment

ASL-634G
Bb/F-Tenor-Trombone,
bell ø: 21.59 cm,
bore ø: 13.89 mm, 3 Leadpipes,
reinforced bell with soldered
bead wire, hand engraving on
bell, Shires designed axial-quart
valve, special designed open
wrap F-attachment



Background

As a tenor-/baritone-voiced brass instrument, the euphonium traces its ancestry to the ophicleide and ultimately back to the serpent. The search for a satisfactory foundational wind instrument that could support masses of sound above it took some time.

With the invention of the piston valve system approx. 1818, the construction of brass instruments with an even sound and facility of playing in all registers became possible. The euphonium is alleged to have been invented, as a “wide-bore, valved bugle of baritone range”, by Ferdinand Sommer of Weimar in 1843, though Carl Moritz in 1838 and Adolphe Sax in 1843 have also been credited.

While Sax’s family of saxhorns were invented at almost the same time and the bass saxhorn looks very similar to a euphonium, they are constructed differently. Saxhorns have a nearly cylindrical bore and do not allow the fundamental to be produced; thus, the bass saxhorn is more closely related to the baritone than the euphonium.

The tuba is the largest and lowest pitched brass instrument. Sound is produced by vibrating or “buzzing” the lips into a large cupped mouthpiece. It is one of the most recent additions to the modern symphony orchestra, first appearing in the mid-19th century, when it largely replaced the ophicleide. Tuba is Latin for trumpet or horn. The horn referred to would most likely resemble what is known as a Baroque trumpet.

Prussian Patent № 19 was granted to Wilhelm Friedrich Wieprecht and Carl Moritz on September 12, 1835 for a “basstuba” in F1. The original Wieprecht and Moritz instrument used five valves of the Berlinerpumpen type that were the forerunners of the modern rotary valve.



Tuba

Tuba (from tubus, Latin for tube) was produced around 500 BC, and like the Cornu (a similar instrument), was used as a military signal trumpet. The origin is Etruscan and has many similarities with the Greek salpinx. It was a straight instrument, usually of bronze, about four feet long, and played with a detachable bone mouthpiece. This instrument, although disputed, could be the ancestor and the source of the name for the modern tuba.

Standard for tubas:
Unless otherwise stated, the instruments are yellow brass laquered and include a mouthpiece and case.



ABB-5205
Bb-Tuba,
3 perinet valves,
length: 82 cm,
bell ø: 36 cm,
bore ø: 17 mm,
weight 6.5 kg,
nickel silver outer slides,
exchangeable nickel
silver leadpipe



ABB-6180
Bb-Tuba,
small model, ¼ size,
4 rotary valves,
length: 90 cm,
bell ø: 38 cm,
bore ø: 16 mm,
weight 8.0 kg,
goldbrass leadpipe,
nickel silver outer slides



ABB-350
Bb-Tuba,
compact model,
4 rotary valves,
length: 83 cm,
bell ø: 38 cm,
bore ø: 16 mm,
weight 7.5 kg,
goldbrass leadpipe,
nickel silver outer slides



ABB-220/220G
Bb-Tuba,
compact model,
4 rotary valves,
length: 80 cm,
bell ø: 40 cm,
bore ø: 20 mm,
weight 8.9 kg,
goldbrass leadpipe,
nickel silver outer slides,
Optional model: 220G goldbrass



ASH-5800
Bb-Sousaphon,
fiberglass,
3 perinet valves,
bell ø: 66 cm,
bore ø: 18.5 mm,
nickel silver outer
slides



French Horn

This AHR-300 French horn was developed with the young musician in mind, enabling the beginner to start at an early age. The easy response and reliable valves, make this instrument ideal for all teaching situations.

Standard for French horns:

Unless otherwise stated, the instruments are yellow brass laquered and include a mouthpiece and case.



AHR-310
Bb-French Horn,
detachable bell,
3 rotary valves,
body ø: 31.5 cm,
bell ø: 31.5 cm,
bore ø: 11.3 mm,
nickel silver outer slides



AHR-300
Bb-Student French Horn,
compact construction,
3 rotary valves,
body ø: 28 cm,
bell ø: 29 cm,
bore ø: 11.8 mm,
nickel silver outer slides



AHR-301
F-Student French Horn,
compact construction,
3 rotary valves,
body ø: 28 cm,
bell ø: 28 cm,
bore ø: 11.8 mm,
nickel silver outer slides



AHR-350
Bb-French Horn,
detachable bell,
3 rotary valves,
body ø: 31.5 cm,
bell ø: 31.5 cm,
bore ø: 11.3 mm,
nickel silver outer slides



AHR-563/563G
Bb-French Horn,
3 rotary valves,
bell ø: 31.0 cm,
bore ø: 11.9 mm,
nickel silver outer slides,
nickel silver leadpipe
Optional Model: 563G Goldbrass



Tenorhorn

Standard for tenorhorns:
Unless otherwise stated, the instruments are yellow brass laquered and include a mouthpiece and case.



ATH-300
Bb-Tenorhorn,
3 rotary valves,
bell ø: 25.6 cm,
bore ø: 13 mm,
goldbrass leadpipe

ABH-300
Bb-Baritone,
4 rotary valves,
bell ø: 26 cm,
bore ø: 15 mm,
goldbrass leadpipe



ATH-5500
Bb-Tenorhorn,
3 rotary valves,
bell ø: 25.6 cm,
bore ø: 13 mm,
nickel silver outer slides,
goldbrass lead pipe

ATH-5501
Bb-Tenorhorn,
3 rotary valves,
bell ø: 25.6 cm,
bore ø: 13 mm,
Voigt valve section,
nickel silver outer slides,
goldbrass lead pipe



ATH-5502
Same specifications as 5501,
but with 4 rotary valves



ATH-100 – Junior –
Bb-Tenorhorn,
3 rotary valves,
bell ø: 23,5 cm,
bore ø: 14 mm,
weight: 2,7 kg
goldbrass lead pipe
nickel silver outer slides

74 cm



AAH-1300
Eb-Tenor Horn,
3 Perinet monel valves,
bell ø: 19.3 cm,
bore ø: 12.4 mm,
goldbrass leadpipe



ABH-1221
Bb-Baritone,
3 Perinet monel valves,
bell ø: 23 cm,
bore ø: 13.4 mm,
goldbrass leadpipe



ABH-1240
Bb-Baritone, compensating system,
3 Perinet monel valves,
bell ø: 24.3 cm,
bore ø: 13 mm,
goldbrass leadpipe



AEP-1141
Bb-Euphonium,
4 Perinet Monel valves in a row,
bell ø: 30 cm,
bore ø: 14.4 mm,
goldbrass leadpipe



AEP-1142
Bb-Euphonium,
3+1 Perinet monel valves,
bell ø: 30 cm,
bore ø: 14.4 mm,
goldbrass leadpipe



AEP-1150/1150S
Bb-Euphonium, compensating system,
3+1 Perinet monel valves,
bell ø: 30 cm,
bore ø: 15.0–16.8 mm,
goldbrass leadpipe.
Optional model: 1150S silver plated



Terra
Intermediate



AEP-5170
Bb-Euphonium,
3 Perinet valves,
bell ø: 28 cm,
bore ø: 15.5 mm,
nickel silver leadpipe



AEP-5171
Bb-Euphonium,
4 Perinet valves,
bell ø: 28 cm,
bore ø: 15.5 mm,
nickel silver leadpipe



AEP-5175
Bb-Euphonium,
3+1 Perinet valves,
bell ø: 28 cm,
bore ø: 15.5 mm,
nickel silver outer slides,
nickel silver leadpipe



AEP-5175S
Bb-Euphonium,
silver plated,
3+1 Perinet valves,
bell ø: 28 cm,
bore ø: 15.5 mm,
nickel silver outer slides,
nickel silver leadpipe

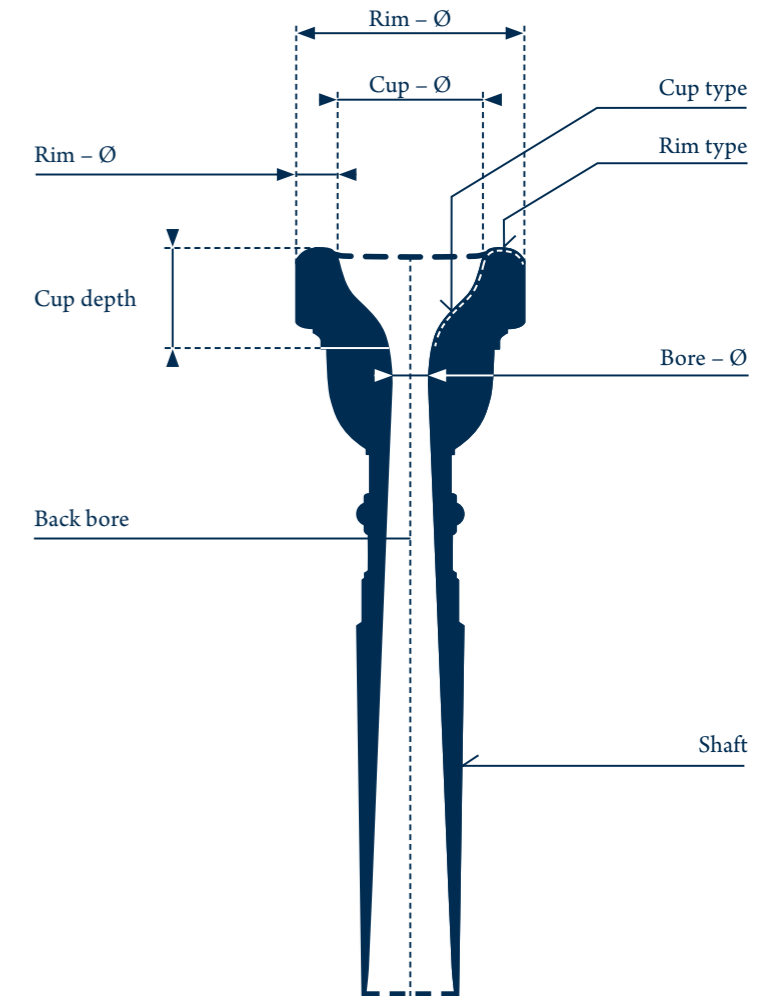
Model	Tuning	Bore ∅	Bell ∅	Leadpipe		Outer slides nickel silver	Mpc. piece	Finish			Valves				Compensation	Detachable bell
				goldbrass	nickel silver			yellow brass	goldbrass	silver plated	Number of	Rotary Valves	Périmet	Monel		
ATH-100	B	14,00 mm	235 mm	▪		▪	▪	▪			3	▪				
ATH-300	B	13,00 mm	256 mm	▪		▪	▪	▪			3	▪				
ABH-300	B	15,00 mm	260 mm	▪		▪	▪	▪			4	▪				
ATH-5500	B	13,00 mm	256 mm	▪		▪	▪	▪			3	▪				
ATH-5501	B	13,00 mm	256 mm	▪		▪	▪	▪			3★	▪				
ATH-5501G	B	13,00 mm	256 mm	▪		▪	▪		▪		3★	▪				
ATH-5502	B	13,00 mm	256 mm	▪		▪	▪	▪			4★	▪				
AAH-1300	Es	12,40 mm	193 mm	▪		▪	▪	▪			3		▪	▪		
ABH-1221	B	13,40 mm	230 mm	▪		▪	▪	▪			3		▪	▪		
ABH-1240	B	13,00 mm	243 mm	▪		▪	▪	▪			3		▪	▪	▪	
AEP-1141	B	14,40 mm	300 mm	▪		▪	▪	▪			4		▪	▪		
AEP-1142	B	14,40 mm	300 mm	▪		▪	▪	▪			3+1		▪	▪		
AEP-1150	B	15,00 - 16,80 mm	300 mm	▪		▪	▪	▪			3+1		▪	▪	▪	
AEP-1150S	B	15,00 - 16,80 mm	300 mm	▪		▪	▪		▪		3+1		▪	▪	▪	
AEP-5170	B	15,50 mm	280 mm		▪	▪	▪	▪			3		▪			
AEP-5171	B	15,50 mm	280 mm		▪	▪	▪	▪			4		▪			
AEP-5175	B	15,50 mm	280 mm		▪	▪	▪	▪			3+1		▪			
AEP-5175S	B	15,50 mm	280 mm		▪	▪	▪		▪		3+1		▪			
AHR-350	F/B	11,80 mm	350 mm	▪		▪	▪	▪			3+1	▪				
ABB-5205	B	17,00 mm	360 mm		▪	▪	▪	▪			3		▪			
ABB-6180	B	16,00 mm	380 mm	▪		▪	▪	▪			4	▪				
ABB-350	B	16,00 mm	380 mm	▪		▪	▪	▪			4	▪				
ABB-220	B	20,00 mm	400 mm	▪		▪	▪	▪			4	▪				
ABB-220G	B	20,00 mm	400 mm	▪		▪	▪		▪		4	▪				
AHR-300	B	11,80 mm	290 mm			▪	▪	▪			3	▪				
AHR-301	F	11,80 mm	280 mm			▪	▪	▪			3	▪				
AHR-310	B	11,30 mm	315 mm			▪	▪	▪			3	▪			▪	
AHR-563	F/B	11,90 mm	310 mm		▪	▪	▪	▪			3+1				▪	
AHR-563G	F/B	11,90 mm	310 mm		▪	▪	▪		▪		3+1				▪	

★=Voigt valve section

All ARNOLDS & SONS® Background Instruments include a mouthpiece, comfort case and accessories. Subject to change without notice.



Mouthpieces



ARNOLDS & SONS®-Mouthpieces are exact copies of the famous American originals. State-of-the-art production methods guarantee consistent high quality.

Please note that with ascending numbers the cup depth gets flatter and the cup diameter smaller.

Generally speaking, the larger the mouthpiece the more demanding for the player.

Mouthpieces

ARNLDS & SONS® mouthpieces are manufactured using state-of-the-art production methods.

Through the consistent high quality standards, tolerances between the same models are almost completely excluded. In order to make your choice easier, please note the following model descriptions:

TRUMPET (Same models for Cornet - except DC-Model - available)			
Model	Cup	Rim	Discription
1 C	Medium	Medium wide	Large diameter, medium cup - good for all-around use.
1¼ C	Medium	Medium wide	Large cup for powerful trumpeters. Compact tone of great carrying power. Ideal for players who regularly change between Bb, C, and D, trumpets.
1½ C	Medium	Medium wide	Large diameter medium cup - good for all-round use. Not too sharp. For players with muscular lips.
2½ C	Medium	Medium wide, lower toward the outside	Large cup; brilliant heroic, crisp C trumpet tone. For players with strong muscular lips. Ideal for orchestral playing.
3 C	Medium	Medium	Fairly large cup, good for all-around use.
5 C	Medium	Medium, lower toward the outside	For players with a strong embouchure who do not like a sharp edge. The tone is lively and rich. Good for theatre and symphonic work.
6 C	Medium	Medium, not too sharp, rather flat	A distinctive C trumpet cup. Its clear tone cuts through the largest bands and orchestras.
7 C	Medium	Medium, lower toward the outside sharp inside, rounded edge	Probably the most widely used model in the world. Its brilliant tone is preferred by young players and artists alike. Ideal for beginners.
7 CW	Medium	Like 7C, but slightly wider, lower toward the outside	The same as No 7C but with a comfortable cushion rim contour. Very practical for strenuous work and players with large lips.
7 EW	Shallow	Like 7CW, but slightly wider, lower toward the outside	This extra shallow Eb soprano trumpet (or cornet) cup produces a crisp, sparkling tone in the extreme high register. Widely used for piccolo trumpet. It has a comfortable cushion rim.
7 DW	Medium Shallow	Medium wide, lower toward the outside, slightly wider	This shallow Eb soprano trumpet (or cornet) cup is excellent for D trumpet and for playing in the high register, cushion rim is helpful.
7 E	Shallow	Medium wide, like 7C	This extra shallow Eb soprano trumpet (or cornet) cup produces a crisp, sparkling tone in the extreme high register. Widely used for piccolo.
10½ C	Medium	Medium wide	Fine high register, resonating low register. Particularly useful for players without a strong embouchure. Ideal for C trumpet, solo work and dance music.
10 U	Medium	Wide	Similar to 1¼C and 1½C but with wider rim.
10 T	Medium	Wide	Similar to 10½C but with wider rim.
DC	Very flat	Medium wide	Double-cup mouthpiece, especially suited for Jazz.

FLUGELHORN (D = German model, USA = American model with small shaft)			
Model	Cup	Rim	Discription
6 C-D 6 C-USA	Med. deep	Medium wide	Same as mouthpiece No 6C but with deeper flugelhorn cup and larger throat.
6 T-D 6 T-USA	Medium	Medium wide, lower inner and outer edge	Cup is slightly shallower than No 6C. Tone is brighter.
7 C-D 7 C-USA	Med. deep	Medium wide, lower toward the outside sharp inside, rounded edge	Large volume, radiant tone, comfortable to play.
7 C-FL	Med. deep	Like 7C-D, but with Trumpet shaft	Large volume, radiant tone, more carrying power, comfortable to play.

ALTO HORN - TENOR HORN BRITISH			
Model	Cup	Rim	Discription
6	Medium	Medium wide	An excellent design for the well-developed player. Produces great volume.
12	Medium	Medium wide	A small mouthpiece for players with weak embouchures and for those who have difficulty with the high register.

FRENCH HORN			
Model	Cup	Rim	Discription
7 BW	Medium deep	Medium wide	Allround mouthpiece with great flexibility. Free, open sound.
11	Medium	Medium wide	Our best selling model, with cushion rim and brilliant heroic tone. Players who do strenuous work prefer this model.
12	Medium	Narrow	Rim gives greater flexibility to players with a rather delicate embouchure.

TENOR HORN - ROTARY VALVE MODEL			
Model	Cup	Rim	Discription
6½ AL-T	Medium deep	Medium wide, well rounded	Slightly larger than medium, standard-size throat and backbore. Rich, compact tone of large volume.
11 T	Medium deep	Medium wide	Produces a magnificent round tone of great carrying power. An excellent model for euphonium and baritone players.
12 T 12 T-S	Medium	Medium wide	An excellent all-around mouthpiece. Combines a fine solid, dark tone. S = small shaft
15 T 15 T-S	Med. deep	Medium wide	Medium shallow cup produces a clear, lively tone. Players with thin lips or weak embouchures will find it helpful. S = small shaft

BARITONE - ROTARY VALVE MODEL			
Model	Cup	Rim	Discription
6½ AL-B	Medium deep	Medium wide, well rounded	Slightly larger than medium with standard-size throat and backbore. Rich, compact tone of large volume.
7 B	Medium deep	Medium wide, not too sharp	The ideal mouthpiece for the artist desiring a beautiful ringing tone with sufficient volume for melody playing.
11 C-B 12 C-B	Medium shallow Medium	Medium wide, sharper Medium wide	Medium shallow cup for a brilliant ringing tone of large volume. Good for melody playing. Brilliant, crisp tone. The best selling model for all-around playing.

TROMBONE/EUPHONIUM			
Model	Cup	Rim	Discription
6½ AL-S 6½ AL-L	Medium deep	Medium wide, well rounded	For trombonists who strive for a Teutonic tone quality. Recommended for euphonium players who desire a round, mellow tone. L = wide shaft
7	Medium deep	Medium wide, not too sharp	The ideal mouthpiece for the artist desiring a beautiful, ringing tone with sufficient volume for melody playing.
7 C 7 CL	Medium shallow	Medium wide, sharper	Designed for players who prefer a medium-large cup to assure a large volume of tone, shallower cup produces great brilliancy. L = wide shaft
11 C 11 CL	Medium shallow	Medium wide	Brilliant ringing tone large volume. L = wide shaft
12 C 12 CL	Medium	Medium wide	The best selling model for all-around playing. L = wide shaft

BASS TROMBONE			
Model	Cup	Rim	Discription
1½ G	Deep	Medium wide, rounded	A large mouthpiece with powerful tone in the low register and great carrying power. The standard mouthpiece for the serious bass trombone player.
4 G	Deep	Medium wide, well rounded	A versatile, large diameter mouthpiece especially useful when only one trombone is used.

TUBA			
Model	Cup	Rim	Discription
18	Medium	Medium wide	All-around mouthpiece, even high register, substantial tone, great carrying power.
24 AW	Medium	Wide, well rounded	An excellent mouthpiece whenever a sonorous, dark tone quality of high volume is desirable.
52	Deep	Medium wide	Round, sonorous tone.
25	Medium	Medium wide	A fairly small mouthpiece suitable for young students.

“A” Model = Very deep cup
 “B” Model = Baritone shaft
 “C” Model = Medium cup
 “D” Model = Medium shallow
 “E” Model = Shallow
 “L” Model = Wide shaft

“S” Model = Small Shaft
 “T” Model = Wide rim
 “U” Model = Wide rim, wider than T
 “W” Model = Wide cushion rim
 “High number” = Small cup diameter
 “Low Number” = Large cup diameter

Accessories

Get more **ARNOLDS & SONS®** accessories in specialized shops.



ARNOLDS & SONS® - Aluminium Mutes
Trumpet
586000 Straight
586020 Wah-Wah



ARNOLDS & SONS® - Thumbrest for Trombone
For Trombones with a straight brace ø10mm und ø11mm. Complete with setup key.
590670



ARNOLDS & SONS® - Hand Guards for Piston Valve- and Rotary Valve Instruments
590410 Perinet-Trumpet
590430 Trumpet



ARNOLDS & SONS® - Aircell strap
Tear proof nylon/leather material, comfortable air-shoulder pad.
594838 Tenor Horn/Baritone
594893 Tuba



ARNOLDS & SONS® - Mouthpiece extractor
593680



ARNOLDS & SONS® - Instrument Care Kits
590140 Trumpet
590142 Trombone
590144 Euphonium
590148 Tuba



ARNOLDS & SONS® - Nano Laquer Foam
Cleans, disinfects, seals, water- and dust-repellent, antibacterial.
590235



ARNOLDS & SONS® - Mouthpiece Pouches
Fine Leather with Zip
595050 Frenchhorn/Trumpet
595070 Tenor Horn/Baritone
595080 Tuba



ARNOLDS & SONS® - Microfibre Cloth
Microfibre, 35 x 35 cm
590227



ARNOLDS & SONS® - Silver Polishing clothes
Highly efficient
590225



ARNOLDS & SONS® - Bore Cleaning Brushes
Flexible plastic shaft with stiff brushes
590260 Trumpet

La Tromba®



Fine Care Products for Brass and Woodwinds

phone: +41 41 9103860
fax: +41 41 9103861
email: info@la-tromba.ch
web: www.la-tromba.ch

04/2019

T1 Valve-Oil with silicone

The ultimate all-round oil. Suitable for both Piston and Rotary valve instruments. Prevents corrosion and gumming. Reduces potential frictional noise. Regular use assures optimal operating characteristics.

- 590 010 55100 T1, 63 ml
- 590 011 55101 T1, 1 Litre
- 590 012 55105 T1, 5 Litre



T2 Valve Oil Special

Is a fine oil, with extremely good lubrication qualities. Suitable for the valves of all brass instruments. Especially for Monel and or Steel piston valves.

- 590 015 55200 T2, 63 ml
- 590 016 55201 T2, 1 Litre
- 590 018 55205 T2, 5 Litre

T3 Valve Oil Ultra Thin

Is the thinnest of the La Tromba Oils for Brass instruments and is especially suitable for use with Monel and or Steel Piston valves.

- 590 071 55300 T3, 63 ml
- 590 072 55301 T3, 1 Litre
- 590 073 55305 T3, 5 Litre



F3 Cork Grease Stick

Synthetic cork grease in practical lipstick form. Sustains the lubrication and flexibility whilst sealing various joints of the instruments.

- 493 544 57310 white, 5g



Lip Tonic

Stimulates the blood circulation of the lip muscles. Keeps the lips in perfect condition.

- 590 110 67500, 5g



Lacquer Polish

Deep cleansing and gives perfect shine and protection for lacquer instruments.

- 590 230 71100, 80 ml
- 590 232 71101, 1 Litre
- 590 233 71105, 5 Litre



Silver Polish/ Brass Polish

With anti-tarnish prevention for unlacquered instruments.

- Silver Polish
- 590 220 71300, 125 ml
- 590 221 71301, 1 Litre
- Brass Polish
- 590 200 71400, 125 ml
- 590 201 71401, 1 Litre
- 590 205 71405, 5 Litre



F1 Cork- & Slide Grease

Isolates the collecting condensate from the tuning slides and thereby prevents corrosion and jamming of the inner slides. It is a relatively firm grease with the exact consistency needed for the slides to operate properly. Often used also as a vacuum grease for not so precise slides. At the same time it is also an ideal grease for the care of tenon joints on woodwind instruments. It protects the corks from moisture, remains smooth and all this by ideal lubricating properties. It is very temperature-stable, ageing resistant and prevents jamming of the slides and corks.

- 493 540 57100 F1, 3 g
- 590 090 57102 F1, 15 g
- 590 091 57104 F1, 100 g
- 590 092 57106 F1, 1 kg

P3 Trombone Slide-Oil

Excellent lubricating qualities and durability. Especially suited to the high demands of trombone slides.



- 590 078 57500 P3, 63 ml
- 590 079 57501 P3, 1 Litre

Trombone Waterspray

The Waterspray contains highly effective additives, that prevent oxidation on the inner slide and on the inside of the outer slide. It can be used with all trombone slide creams that need water to ensure perfect movement of the slides.



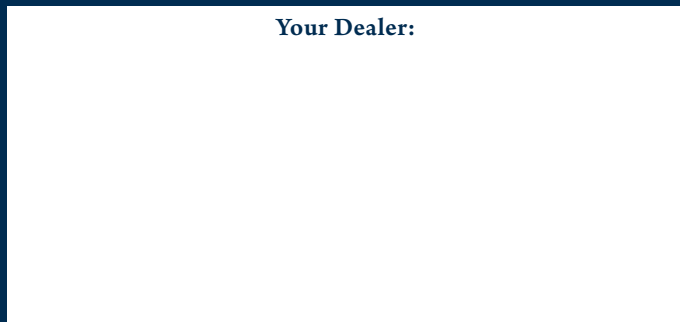
- 590 085 57600, 80 ml
- 590 084 57601, 1 Litre

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Manufacture: La Tromba AG · Hohenrainstraße 26 · CH-6280 Hochdorf · Switzerland · phone and mail see contact above
Distribution: Arnold Stölzel GmbH · Musical instruments wholesaling · Rostocker-Str. 18-20 · D-65191 Wiesbaden-Bierstadt · Germany
phone: +49(0)611 95089-0 · fax: +49(0)611 950 89 100 · email: info@stoelzel-music.de · www.stoelzel-music.de

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