

A close-up, artistic photograph of the bell of a brass instrument, likely a trumpet or trombone, showing the polished brass surface and the flared rim. The lighting creates soft highlights and shadows, emphasizing the metallic texture and the curve of the instrument.

ELEGANCE

FLUGELHORNS – TROMBONES – SAXHORNS

Antoine Courtois
Paris

Antoine Courtot
Paris



04 ART AND EXCELLENCE

05 ART OF SYMPHONY

- 08 - Flugelhorns
- 10 - LEGEND Tenor Trombones
- 15 - Alto Trombones
- 16 - Bass Trombones
- 18 - Bass Saxhorns

20 ART OF JAZZ

- 20 - XTREME Trombones

22 ART OF EXPRESSION

- 24 - MEZZO Trombones

26 TABLE OF SPECIFICATIONS

28 ACCESSORIES

30 IMPORTANT MOMENTS IN OUR HISTORY

Antoine Courtvil
Paris

OUR ART & EXPERTISE

ELEGANCE

Antoine Courtois has set itself apart as a top-end manufacturer of brass instruments for over two centuries. Founded in 1803, the Courtois family had already been making its first cavalry trumpets since 1789. The elegance of French instrument making came into its own in their Amboise workshops. The brand's trumpets, flugelhorns, trombones and saxhorns are steeped in this culture, rich in expertise and traditional values. Antoine Courtois instruments appeal to soloists and musicians in major symphony orchestras and jazz ensembles worldwide.



LEGEND

ART OF SYMPHONY

TRUSTED BY THE GREAT MASTERS

Antoine Courtois professional instruments are dedicated to international orchestral musicians and soloists. Different models are available, offering a wide range of options to satisfy each musician's specific needs. The inherited skills handed down from generation to generation, from craftsman to craftsman, guarantee a rich, unique, soulful sound, giving Antoine Courtois instruments a position of honour in the world's most famous orchestras.

155 Model
with 2 triggers



FLUGELHORNS 154, 155, 156 & 159



154 Model



155 Model

FLUGELHORNS WITH PEDIGREE

The Antoine Courtois workshops were first to develop the direct air column system, which made Antoine Courtois flugelhorns extremely sought after.

The PROFESSIONAL line of flugelhorns continues in this innovative vein through the utmost mechanical precision in the valves and trigger comfort. The use of alloys, a unique shape of bell and handmade manufacturing combine to give the Antoine Courtois flugelhorns a mellow, colourful, warm and inimitable sound.

TECHNICAL SPECIFICATIONS

Key: Bb
Handmade bell
Bell diameter: 170 mm (6.69")
Bore: 10.50 mm (.413")
3 valves, direct air flow

OPTIONS

3rd valve slide trigger only: LEGEND 154 model
3rd & 1st valve slide triggers: LEGEND 155 model
Bell in yellow or rose brass

REFERENCES

AC154, AC155: bell in yellow brass
AC154R, AC155R: bell in rose brass



156 Model
with 4 valves



TECHNICAL SPECIFICATIONS

Key: Bb
Handmade bell in rose brass
Standard bell diameter: 170 mm (6.69") - 156R model
XL bell diameter: 195 mm (7.68") - 156NR model
Bore: 10.50 mm (.413")
4 valves, direct air flow

OPTIONS

Bell available in 2 sizes
Finishes: clear lacquer or bright silverplate

REFERENCES

AC156R: standard bell
AC156NR: XL bell (195mm diameter)

S I O N A L



159 Model

TECHNICAL SPECIFICATIONS

Key: Bb
Handmade bell & 1st suite in rose brass
Bell diameter: 152 mm (5.98")
Bore: 10.50 mm (.413")
3 valves, direct air flow
3rd valve slide trigger

OPTIONS

Finishes: clear lacquer or bright silverplate

REFERENCE

AC159R

Antoine Courtois
Paris

LEGEND

TROMBONE 420



420B Model

AN EXTENSION OF THE SELF

Antoine Courtois LEGEND 420 trombones offer a number of possible adjustments including different bells, different slides and rotary valve mechanisms. Each musician is free to adapt the instrument to his personal playing style while enjoying the quality of precision, projection and overall sound.

TECHNICAL SPECIFICATIONS

Key: Bb with F attachment
Handmade bell
Bell diameter: 215 mm (8.46")
Bore: 13.89 mm (.547")
Lacquered finish

OPTIONS

Rotary valve: see page 15
Bell and slide: see page 16
Bright silverplate on special demand



420MBOST Model

CLOSED WRAP: 420B



Antoine Courtois trombones were the first to use an F attachment on the main Bb body. The closed wrap system – the most widely played in the world – involves two loops turned on themselves with bends in the air column pathway and several connections, creating a compact and homogenous sound.

HAGMANN VALVE SYSTEM: 420BH



Traditional rotary valves impose sharp bends in the air column pathway when the F attachment is in use. The famous Swiss instrument maker René Hagmann invented an original 3-dimensional system in the 1990s which uses smoother angles. This means that the playing feels nearly the same with or without the use of the F attachment. This rotary valve provides excellent playing comfort and homogeneity over the instrument's entire register as well as great mechanical reliability which professional musicians seek.

OPEN WRAP: 420BO



Using the same rotary valve system as the 420B, the open wrap system makes a single large loop, reducing both air resistance and the number of connections between the main body and F attachment. When the rotary valve is in use, this reduced air column resistance makes this model a favourite with musicians who appreciate freer playing and vibration.

THAYER VALVE SYSTEM: 420BT



In 1976, Orla Ed Thayer developed a mechanism which gives the air column a direct path through the rotary valve, with or without the use of the F attachment. The easily recognizable conical shape reduces air column resistance to a minimum when the air circulates through the valve. Musicians choose this system for its great playing comfort.

LEGEND

TROMBONE 420



BELLS RICH IN COLOUR

Antoine Courtois LEGEND 420 trombones have entirely handmade bells which adapt over time to a musician's playing. The bells are available in three different metals/alloys: yellow brass, rose brass and solid silver. With their elegant and homogenous sound, yellow brass bells provide a nice balance between the various playing parameters which make it the most widely used and widely played alloy in the world. Orchestral musicians are especially fond of bells in rose brass for their warmer sound and the possibility of broader and more powerful playing required by great works of the classical repertoire. Finally, many soloists choose solid silver bells for their precise and unique sound, rich in harmonics.

SLIDES

Three slide models are available for the LEGEND 420 trombones. Standard slides with narrow nickel silver inner slides allow for precise playing and sound control at any volume throughout its register. Ultralight slides offer musicians greater dexterity. The solid silver leadpipes give them an incomparable centred feel and the thinness of the metal allows total freedom of vibration. Lastly, lovers of a more Germanic style of symphonic orchestral playing will tend to favour the nickel silver slides for their broader and more powerful playing qualities.

LEGEND

REFERENCES

		CLOSED WRAP							OPEN WRAP							HAGMANN VALVE							THAYER VALVE																			
BELL METAL	STANDARD	•	•	•							•	•	•								•	•	•							•	•	•										
	ULTRA LIGHT				•	•	•						•	•	•								•	•	•								•	•	•							
	NICKEL SILVER																•	•	•																			•	•	•		
BELL METAL	YELLOW BRASS	•			•					•						•						•									•								•	•	•	
	ROSE BRASS		•			•					•						•						•								•									•	•	•
	SOLID SILVER			•								•						•																							•	•
REFERENCES		420B	420BR	420BST	420MB	420MBR	420MBST	420NSB	420NSBR	420NSBST	420BO	420BOR	420BOST	420MBO	420MBOR	420MBOST	420NSBO	420NSBOR	420NSBOST	420BH	420BHR	420BHST	420MBH	420MBHR	420MBHST	420NSBH	420NSBHR	420NSBHST	420BT	420BTR	420BST	420MBT	420MBTR	420MBTST	420NSBT	420NSBTR	420NSBTST					

... The LEGEND 420 trombone is also available as a simple model, without attachment, with the following references:

- ... 420T: Yellow bell, standard slide
- ... 420TR: Rose bell, standard slide
- ... 420MT: Yellow bell, ultra light slide
- ... 420MTR: Rose bell, ultra light slide



420MT model



Circuit de Fa

LEGEND

TROMBONE 440



440BR model



440TR model

AUTHENTICITY IN SOUND

The latest of the Antoine Courtois trombones, the LEGEND 440 model is reminiscent of the American trombones of the 60s and 70s.

Players loyal to this model particularly appreciate it for what they call its “real trombone sound.” It provides very dynamic play with strong projection and a compact, round and brassy sound.

The instrument also has great flexibility, which makes it the ideal companion for artists in search of a virtuoso trombone with an authentic sound.

TECHNICAL SPECIFICATIONS

Key: Bb with or without F attachment

Handmade bell in red brass

Bell diameter: 216 mm (8.50")

Bore: 13.89 mm (.547")

Narrow slide, lacquered finish

OPTIONS

Model with or without F attachment

Slide in yellow or rose brass

Bright silverplate on special demand

REFERENCES

AC440BR: F attachment and slide in yellow brass

AC440RBR: F attachment and slide in rose brass

AC440TR: straight trombone with slide in yellow brass

AC404RTR: straight trombone with slide in rose brass

PRESTIGE

ALTO TROMBONE 131



131BR model

FINESSE AND PRECISION

The PRESTIGE 131 alto trombone has been designed with orchestral soloists in mind to facilitate the changeover from tenor trombone to this smaller instrument in Eb. This model combines the characteristically rich, bright, fluid and precise alto trombone sound with the technical qualities of a tenor model.

TECHNICAL SPECIFICATIONS

Key: Eb
Handmade bell in rose brass
Bell diameter: 185 mm (7.28")
Conical bore: 11.80 < 12.50 mm
(.464 < .492")
Removable leadpipe
Lacquered finish

OPTIONS

With or without semitone attachment and rotary valve
Leadpipe in silver, brass or nickel silver
Bright silverplate on special demand

REFERENCES

AC131R: straight alto trombone
AC131BR: with rotary valve

LEGEND

BASS TROMBONES 502



FINESSE AND PRECISION

The PRESTIGE 131 alto trombone has been designed with orchestral soloists in mind to facilitate the changeover from tenor trombone to this smaller instrument in Eb.

This model combines the characteristically rich, bright, fluid and precise alto trombone sound with the technical qualities of a tenor model.

TECHNICAL SPECIFICATIONS

Key: Eb
Handmade bell in rose brass
Bell diameter: 185 mm (7.28")
Conical bore: 11.80 < 12.50 mm
(.464 < .492")

Removable leadpipe
Lacquered finish

OPTIONS

With or without semitone attachment and rotary valve
Leadpipe in silver, brass or nickel silver
Bright silverplate on special demand

REFERENCES

AC131R: straight alto trombone
AC131BR: semitone attachment
and rotary valve

550 Model:
removable bell



LEGEND

BASS TROMBONES 550 & 551 NEW YORKER



POWER AND ELEGANCE

Antoine Courtois bass trombones come with a variety of bells and valve options to allow artists to personalise their instruments.

LEGEND 550 models have two Haggmann valves leading to F and Gb attachments (giving D when both valves are used).

These symphonic instruments provide a smooth, precise and broad sound palette that responds to the needs of all major musicians.

TECHNICAL SPECIFICATIONS

Key:

AC550: Bb with F and Gb attachments

AC551 New Yorker: Bb/F/Gb or G/D or Eb

AC551 New Yorker: removable 2nd tuning slide to tune G or Gb

Handmade bell

AC550: removable bell

Standard bell diameter: 242 mm (9.53")

Large (L) bell diameter: 267 mm (10.51")

AC550 bore: 14.28 mm (.562")

Bore:

AC551 New Yorker bore: 14.30<14,70 mm
(.564"<.568")

AC550: ergonomic slide

AC551 New Yorker: brass outer slide
with nickel silver sleeves

OPTIONS

Standard or Haggmann rotary valves
Bell in yellow or rose brass
Standard or large bell (LEGEND 550)

REFERENCES

AC550BH: bell in yellow brass
AC550BHL: large bell in yellow brass
AC550BHR: bell in rose brass
AC550BHLLR: large bell in rose brass
AC551BH: bell in yellow brass
AC551BHL: large bell in yellow brass
AC551BHR: bell in rose brass
AC551BHLLR: large bell in rose brass

ELITE BASS SAXHORN 366



HISTORICAL AUTHENTICITY

Jean-Baptiste ARBAN wrote his “Complete Conservatory Method for Trumpet, Cornet and Saxhorn” over a century ago.

The bass saxhorn is the descendent of a long tradition of French instrument manufacture that started in the nineteenth century with the invention of the valve.

Famous orchestral melodies from the symphonic repertoire such as those in Modest Mussorgsky’s “Pictures at an Exhibition” orchestrated by Maurice Ravel, Richard Strauss’s “Don Quixote” or Gustav Mahler’s 7th symphony, often played on the euphonium or tuba, were imagined and composed for the brighter and inimitable sound of the bass saxhorn.

The ELITE 366 model, developed by the great French military bands, has a compensating system valveblock with the same fingering as a modern euphonium plus a trigger on the main tuning slide for ease of play.

TECHNICAL SPECIFICATIONS

Key: Bb
Compensating valveblock
(fingering identical to euphonium)
Handmade bell in yellow brass
Bell diameter: 280 mm (11.02")
Conical bore: 15 < 16 mm (.590 < .630")
Raised leadpipe
Main tuning slide trigger
Instrument body can be entirely dismantled

OPTIONS

Finishes: clear lacquer or
bright silverplate

REFERENCE

AC366

PROFESSIONAL

BASS SAXHORNS 164 & 166

FRENCH TRADITION

The traditional French bass saxhorn does not have a compensating system valveblock. Instrument makers thought up a five-valve model with a whole series of fingering to deal with the widening tuning gaps in the lower register.



164 model

TECHNICAL SPECIFICATIONS

Key: Bb
Non-compensating valveblock
Handmade bell in yellow brass
Bell diameter: 280 mm (11.02")
Conical bore: 15 < 16 mm (.590 < .630")
Instrument body can be entirely dismantled
4th valve descends a fourth
5th valve descends a fifth
(PROFESSIONAL 166 model)

OPTIONS

Models with 4 or 5 valves
Finishes: clear lacquer or bright silverplate

REFERENCES

AC164: 4 valves (3 + 1)
AC166: 5 valves (3 + 2)

Antoine Courtois
Paris



XTREME

TROMBONE 430



SLIDE INTO JAZZ

Combining virtuosity and lyricism, offering total freedom of playing while keeping great precision of touch and attack, providing the possibility of modulating from a smooth sound to a bright timbre – these are the qualities of the XTREME 430 trombones.

This versatility, however, does not prevent the development of real sonic identity, thanks to their handmade bells, which have the capacity to adapt to each musician's style, thus making the instrument absolutely unique.

TECHNICAL SPECIFICATIONS

Key: Bb
Straight trombone
Handmade bell
Bell diameter: 197 mm (7.76")
Bore: 12.70 mm (.500")
Finishes: lacquer or silverplated

OPTIONS

Bell in yellow or rose brass
Bright silverplate on special demand

REFERENCES

AC430TL: bell in gold brass
AC430TLR: bell in rose brass

Antoine Courtvil

Paris

THE ART OF EXPRESSION



BEYOND WORDS

Higher than philosophy and wisdom according to Beethoven, music has the power to put the soul in harmony according to Oscar Wilde, and begins “where words fail” according to Wagner. Learning to play an instrument is to learn a universal language, Kant’s “Language of emotions.” Every civilisation practices the art of music, bringing people together by teaching that musical balance arises from mutual understanding and listening. The values instilled by musical teaching are shared by our brand; for that reason, we partner with large educational projects worldwide and have developed a series of instruments suitable for tomorrow’s virtuosi in collaboration with pupils and teachers.

MEZZO

TENORS TROMBONES 260 & 280



NEW MODELS

Developed using the Antoine Courtois design, the two new AC260BO and AC280BO models provide trombonists with consistent quality at a more affordable price.

The two trombones share the same bell yet come with two bore-slide options:

- a medium bore and a narrow slide for the AC260BO model
- a large bore and a standard slide for the AC280BO model

Adjustable thumblever





260B0 model



280B0 model

TECHNICAL SPECIFICATIONS

Key: Bb
Handmade bell in yellow brass
Ø bell: 215 mm (8.46")
Narrow slide in nickel silver (MEZZO 260)
Ø medium bore MEZZO 260: 13,34 mm (.512")
Standard slide in nickel silver (MEZZO 280)
Ø large bore MEZZO 280: 13,89 mm (.547")
F attachment open wrap
Lacquered finish

REFERENCES

AC260B0: MEZZO 260 with medium bore and narrow slide
AC280B0: MEZZO 280 with large bore and standard slide

TABLE OF SPECIFICATIONS

Page	Instrument	Product Range	Key	Bore
06	Flugelhorns 154 & 155	PROFESSIONAL	Bb	10.50 mm (.413")
07	Flugelhorn 156	PROFESSIONAL	Bb	10.50 mm (.413")
07	Flugelhorn 159	RÉFÉRENCE	Bb	10.50 mm (.413")
13	Alto Trombone 131	PRESTIGE	Eb	Conical bore: 11.80 < 12.50 mm (.464 < .492")
8-11	Trombone 420	LEGEND	Bb	13.89 mm (.547")
12	Trombone 440	LEGEND	Bb	13.89 mm (.547")
20	Jazz Trombone	XTREME	Bb	12.70 mm (.500")
24	Trombone 260	MEZZO	Bb	Medium bore 13,34 mm (.512")
25	Trombone 280	MEZZO	Bb	Large bore 13,89 mm (.547")
15	Bass Trombone 550	LEGEND	Bb	14.28 mm (.562")
15	Bass Trombone 551	LEGEND	Bb	Conical bore: 14,30 < 14.70 mm (.564 < .568")
14	Bass Trombone 502	MEZZO	Bb	14.28 mm (.562")
16	Bass Saxhorn 366	ELITE	Bb	Conical bore: 15 < 16 mm (.590 < .630")
17	Bass Saxhorn 166	PROFESSIONAL	Bb	Conical bore: 15 < 16 mm (.590 < .630")
17	Bass Saxhorn 164	MEZZO	Bb	Conical bore: 15 < 16 mm (.590 < .630")

Bell		Mecanism		Page
Metal	Diamater			
Yellow brass or rose brass	170 mm (6.69")	3 valves, direct air flow	1 or 2 triggers	06
Rose brass	170 mm (6.69") or 195 mm (7.68")	4 valves, direct air flow		07
Rose brass	152 mm (5.98")	3 valves, direct air flow	1 trigger	07
Rose brass	185 mm (7.28")	With or without semitone trill valve		13
Yellow brass or rose brass or solid silver	215 mm (8.46")	With or without open or closed wrap, Haggmann or Thayer valve	Standard, ultralight or nickel silver slides	8-11
Red brass	216 mm (8.50")	Closed wrap	Narrow slides in yellow or rose brass	12
Yellow brass or rose brass	197 mm (7.76")	Straight trombone		20
Yellow brass	215 mm (8.46")	Open wrap		24
Yellow brass	215 mm (8.46")	Open wrap		25
Yellow brass or rose brass	242 mm (9.53") or 267 mm (10.51")	F and Gb attachments, Haggmann valves	Ergonomic slide	15
Yellow brass or rose brass	241mm (9,12")	Haggmann valve, Bb/F/Gb or G/D or Eb; 2nd tuning slide to tune Gor Gb		15
Yellow brass or rose brass	242 mm (9.53")	F and Gb attachments, standard rotary valves		14
Yellow brass	280 mm (11.02")	4 compensating valves (3+1) Euphonium fingering	Main tuning slide trigger	16
Yellow brass	280 mm (11.02")	5 non-compensating valves (3+2)		17
Yellow brass	280 mm (11.02")	4 non-compensating valves (3+1)		17

ACCESSORIES

BRASS INSTRUMENT ACCESSORIES

Your instrument is a valuable item, well worth your respect, care and attention.

Regular maintenance is important and a little time and effort will certainly pay off.

Antoine Courtois, the brass specialists, have selected a line of accessories perfectly adapted to your instrument, including maintenance products and a wide variety of mouthpieces.

To receive a complete list of available accessories, please send your request to:

accessories@buffetcrampon.com



MOUTHPIECES

Each model produces subtly different colours of tone allowing the musician to develop a personal style.
For further information, please contact your dealer.

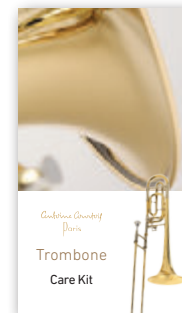
- Cornet
7C - 3C - 1^{1/2}C - 1^{1/4}C - 1^{1/2}AB - 1^{1/4}AB
- Fluehorn
7C - 13C - 1^{1/2} C - 1^{1/4} C
- Alto trombone
10 - 11
- Tenor trombone
Small shank: 6 - 7 - 8 - 9 - 10 - 11 - 6^{1/2}MPA - 6^{1/2}LPA
Large shank: 9PM - 10PM - 11PM
Silverplated: 5LA - 6^{1/2}MA (Becquet) - 6^{1/2}LA (Becquet)
Goldplated: 5L - 6^{1/2}M (Becquet) - 6^{1/2}L (Becquet)
- Bass trombone
1^{1/2}G - 2G - 3G
- Bass saxhorn
B4 - T1 - T2 - T2S - T3



CASES



SWABS



CARE KITS

IMPORTANT MOMENTS IN OUR HISTORY



1789

Antoine Courtois' father creates the first family-run workshop for manufacturing instruments during the French revolution in Paris on Rue Mazarine, located in what is now known as the Latin Quarter of Saint-Germain-des-Prés. A natural horn exhibited in Berlin and a cavalry trumpet in the Museum of the Paris Conservatory bear witness, by their engravings, to this early period. The trumpet was once the property of the parliamentary officer sent by Napoleon Bonaparte to the siege of St John d'Acre in 1799.

1803

Antoine Courtois (1770-1855) moves his workshops to 21, Rue du Caire. Included among his instruments of this era, we find semi-circular trumpets sounding similar to the horn, some slide trombones, flugelhorn with keys, some horns and still a few ophicleides.



1851

On the 21st of February, 1851, Denis A. Courtois, son and successor of Antoine Courtois in 1844, patents his invention at the Seine Department Prefecture for improvements in the manufacturing of brass instruments and in particular for making valves.



1856

Denis A. Courtois moves the manufacturing plant to 88, Rue des Marais where he works on improving instruments in partnership with renowned artists such as Jean-Baptiste Arban, a collaboration that would bring us the Arban valve.

1878

The Courtois business wins the gold medal at the World's Fair in Paris for the quality of their instruments "of an excellent workmanship and impeccable pitch."

1880

Denis A. Courtois having no descendants is succeeded after his death by workshop foreman Auguste Mille, who on 29 July, 1880, founds the Antoine Courtois and Mille society with capital of 20,000 francs. He runs the company for the next 15 years, having at that time nearly 25 employees. This is a period that would reap many awards from various international exhibitions.

MOMENTS

1895

After 1895, Emile Delfaux and Amédée Legay succeed Auguste Mille, and give instruments away to the most deserving musicians at the Paris Conservatory and continue collecting rewards at World's Fairs.

1956

Paul Gaudet, after co-directing the company with his father succeeding him in 1934 and becoming President-Director in 1937, opens a manufacturing plant in Amboise (France).

2013

Buffet Group acquires B&S GmbH, a German family-controlled company founded 250 years ago which is the leading German brass instrument manufacturer. B&S, Hans Hoyer, Melton Meinel Weston and J. Scherzer joined the other brands of Buffet Group.

1909

The Antoine Courtois brand becomes the exclusive supplier of the Ministry of Fine Arts for the conservatories of Paris and other departments, the Opéra, the Opéra Comique, classical concerts and the Republican Guard.

1967

Jacques Gaudet goes to work in his father's business and continues in the development and perfection of instruments together with the biggest artists. He then heads the company starting in 1980.



1917

The music publisher Emmanuel Gaudet, in Paris and in partnership with Emile Deslaurier, acquires the Antoine Courtois manufacturing plant. They lend a new perspective to the company and bring with them 100,000 francs in capital on 31 August, 1927.

2006

After several years as part of the German group, JA Musik, the Antoine Courtois brand regains its French roots when it joins the Groupe Buffet Crampon and concentrates on its historic expertise.

2016

BUFFET CRAMPON

The group, now called Buffet Crampon and with a new logo, continues to develop. In April, the American flute company, Powell, joined the group, thus completing the line of wind instruments on offer.

a-courtois.com

FLUGELHORNS - TROMBONES - SAXHORNS

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