



Yamaha
BRASS
INSTRUMENTS

Tubas/Euphoniums
Baritones/Tenor(Alto) Horns





Bass is the Base

A Solid, Sonorous Foundation for any Ensemble

Musical power cannot exist without delicacy.

The most thunderous fortissimo must also embody expressive tone.

The pursuit of that sublime balance between power and nuance is the greatest challenge facing every low brass instrument maker.

Yamaha low brass instruments incorporate innovative design while remaining true to the basics.

Tradition fuses seamlessly with innovation in bells, tapers, valves, and tubing, balancing strength with subtlety in instruments of outstanding functional beauty and exquisite sound that is stable and distinctive while blending beautifully in an ensemble.

Low brass plays a vital role in any ensemble, so we're dedicated to creating instruments that inspire confidence and pride.



Tubas



Custom YBB-841G

In BB^b, Valves=4rotary
Bore Size=20.7mm (0.815"), Material=Gold brass
Bell Size=450mm(17-3/4"), Finish=Clear lacquer
Height=1018mm, Mouthpiece=BB- 67C4



Custom YBB-841

In BB^b, Valves=4rotary
Bore Size=20.7mm (0.815"), Material=Yellow brass
Bell Size=450mm(17-3/4"), Finish=Clear lacquer
Height=1018mm, Mouthpiece=BB- 67C4



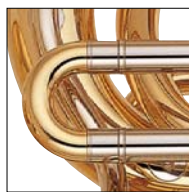
Custom YCB-861

In CC, Valves=5rotary
Bore Size=20.7mm (0.815"), Material=Yellow brass
Bell Size=450mm(17-3/4"), Finish=Clear lacquer
Height=1018mm, Mouthpiece=BB- 67C4

YBB-841G/841



The gold-brass leadpipe provided with the 841G contributes to a soft, warm tone, while the 841 has a nickel-silver leadpipe for outstanding clarity and definition.



A rounded tuning slide configuration expands and enhances the fortissimo range.





Professional
YBB-641

In BB^b, Valves=4rotary,
Bore Size=20.6mm(0.811"), Material=Yellow brass
Bell Size=419mm(16-1/2"), Finish=Clear lacquer
Height=1018mm, Mouthpiece=BB-67C4



Professional
YBB-645G

In BB^b, Valves=4rotary
Bore Size=20.7mm(0.815"), Material=Gold brass
Bell Size=419mm(16-1/2"), Finish=Clear lacquer
Height=1018mm, Mouthpiece=BB-67C4



Valve & Slide Maintenance

Moisture is the main cause of damage to brass instrument action (pistons, rotary valves, and tuning slides). Minerals and other impurities can deposit on moving parts and impede proper operation, as well as cause corrosion that can lead to severe damage. It is important to oil instruments before playing (piston or rotary oil for valves, slide grease for tuning slides), and then make sure that all moisture is thoroughly removed and moving parts are properly coated with oil after rehearsing or performing.

Tubas



Custom YCB-822S

In CC, Valves=4 front pistons+1rotary
Bore Size=19.5mm(0.768"), Material=Yellow brass
Bell Size=500mm(19-5/8"),
Finish=Clear lacquer YCB-822
Silver-plated YCB-822S(photo)
Height=943mm, Mouthpiece=BB-67C4



Custom YFB-822

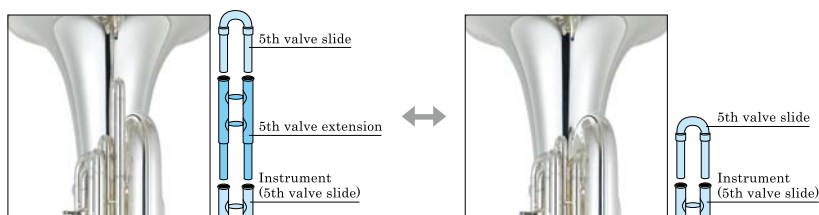
In F, Valves=4 front pistons+1rotary
Bore Size=19.5mm(0.768"), Material=Yellow brass
Bell Size=446mm(17-1/2"), Finish=Clear lacquer
Height=874mm, Mouthpiece=BB-67B4



Custom YFB-822S

In F, Valves=4 front pistons+1rotary
Bore Size=19.5mm(0.768"), Material=Yellow brass
Bell Size=446mm(17-1/2"), Finish=Silver-plated
Height=874mm, Mouthpiece=BB-67B4

YCB-822/822S



A 5th valve slide extension supplied with the YCB-822/822S allows you to change between "longer whole step down" or "two whole steps down".





Professional
YBB-621

In BB[♭], Valves=4 front pistons
 Bore Size=17.5-18.5mm(0.689-0.728")
 Material=Yellow brass, Bell Size=366mm(14-3/8")
 Finish=Clear lacquer YBB-621(photo)
 Silver-plated YBB-621S
 Height=825mm, Mouthpiece=BB-67C4



Professional
YCB-621

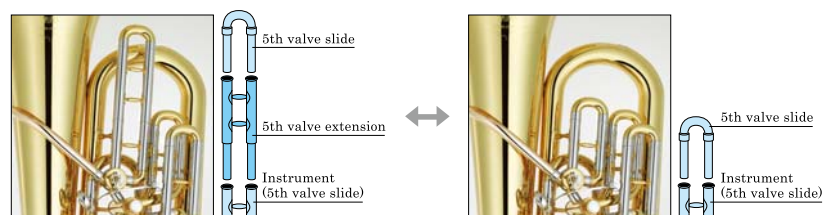
In CC, Valves=4 front pistons
 Bore Size=17.5-18.5mm(0.689-0.728")
 Material=Yellow brass
 Bell Size=366mm(14-3/8")
 Finish=Clear lacquer YCB-621(photo)
 Silver-plated YCB-621S
 Height=825mm, Mouthpiece=BB-67C4



Professional
YFB-621

In F, Valves=4 front pistons+1 rotary
 Bore Size=17.5-18.5mm(0.689-0.728")
 Material=Yellow brass
 Bell Size=366mm(14-3/8")
 Finish=Clear lacquer YFB-621(photo)
 Silver-plated YFB-621S
 Height=825mm, Mouthpiece=BB-67B4

YFB-621/621S



A 5th valve slide extension supplied with the YFB-621/621S allows you to change between "longer half step down" or "longer whole steps down".

Tubas



Neo YBB-632S

In BB^b, Valves=3top + 1side(compensating)
Bore Size=18.5-20.0mm(0.728-0.787")
Material=Yellow brass, Bell Size=500mm(19-5/8")
Finish=Silver-plated, Height=1048mm
Mouthpiece=BB-66D4



Neo YBB-632

In BB^b, Valves=3top + 1side(compensating)
Bore Size=18.5-20.0mm(0.728-0.787")
Material=Yellow brass, Bell Size=500mm(19-5/8")
Finish=Clear lacquer, Height=1048mm
Mouthpiece=BB-66D4



Neo YEB-632S

In E^b, Valves=3top + 1side(compensating)
Bore Size=17.5-18.5mm(0.689-0.728")
Material=Yellow brass, Bell Size=480mm(19")
Finish=Clear lacquer YEB-632
Silver-plated YEB-632S(photo)
Height=867mm, Mouthpiece=BB-66D4

YBB-632/632S



A new leadpipe taper offers improved resistance. Evaluating the angle of the mouthpiece led to a design that offers a more natural playing position.



An ergonomically re-positioned 4th valve offers improved playability and makes fast passages easier to play.



The semi-circular shaped hand rest makes the instrument easier to hold and reduces fatigue when holding the instrument for long periods of time.



A large brace plate on the bell section delivers a moderate amount of resistance.

YEB-632/632S



The bell and main tube are thicker than previous, providing a more powerful sound.



The 19-inch bell provides a dramatic improvement to dynamic range, and a balanced sound even when playing in ensembles.



Intermediate YBB-321

In BB^b , Valves=4top pistons
Bore Size=18.5-19.5mm(0.728-0.768")
Material=Yellow brass, Bell Size=443mm(17-1/2")
Finish=Clear lacquer YBB-321(photo)
Silver-plated YBB-321S
Height=1018mm, Mouthpiece=BB-67C4



Intermediate YEB-321S

In E^b , Valves=4top pistons
Bore Size=17.5-18.5mm(0.689-0.728")
Material=Yellow brass, Bell Size=386mm(15-1/4")
Finish=Silver-plated, Height=863mm
Mouthpiece=BB-66D4



Intermediate YEB-321

In E^b , Valves=4top pistons
Bore Size=17.5-18.5mm(0.689-0.728")
Material=Yellow brass, Bell Size=386mm(15-1/4")
Finish=Clear lacquer, Height=863mm
Mouthpiece=BB-66D4



Tubas



Student YBB-201

In BB^b , Valves=3top pistons
Bore Size=18.5mm(0.728"), Material=Yellow brass
Bell Size=443mm(17-1/2")
Finish=Clear lacquer YBB-201(photo)
Silver-plated YBB-201S
Height=1018mm, Mouthpiece=BB-67C4



Student YEB-201

In E^b , Valves=3top pistons
Bore Size=17.5mm(0.689"), Material=Yellow brass
Bell Size=386mm(15-1/4")
Finish=Clear lacquer YEB-201(photo)
Silver-plated YEB-201S
Height=863mm, Mouthpiece=BB-66D4



Student YBB-105

In BB^b , Valves=3top pistons
Bore Size=16.8mm(0.661"), Material=Yellow brass
Bell Size=366mm(14-3/8")
Finish=Clear lacquer YBB-105(photo)
Silver-plated YBB-105S
Height=827mm, Mouthpiece=BB-67





Human Skill and Passion
Breathe Life Into Metal



Euphoniums



Custom YEP-842S

In B[♭], Valves=3top + 1side(compensating)
Bore Size=15.0-16.8mm(0.591-0.661")
Material=Yellow brass, Bell Size=300mm(11-4/5")
Finish=Silver-plated with Gold-plated trim
Height=664mm, Mouthpiece=EP-53DL
Without Trigger system (Photo)

YEP-842TS

With Trigger system

YEP-842S



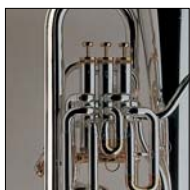
The 842S features a completely new leadpipe design for immediate and comfortable response.



The bottom bow has a longer, wider bow guard for a broader dynamic range and improved tonal projection.



The shape and positioning of the hand rest gives players a comfortable playing position, while Yamaha's unique moisture trap captures any condensation or oil which leaves the bottom valve cap.



The top bow features a newly designed bow guard which not only protects the instrument, but adds definition and clarity to the sound.



Neo YEP-642TS

In B[♭], Valves=3top + 1side(compensating)
Bore Size=15.0-16.8mm(0.591-0.661")
Material=Yellow brass, Bell Size=300mm(11-4/5")
Finish=Clear lacquer YEP-642T
Silver-plated YEP-642TS(photo)
Height=664mm, Mouthpiece=SL-51L
With Trigger system

YEP-642SII

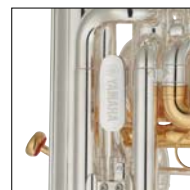
Finish=Clear lacquer YEP-642II
Silver-plated YEP-642SII
Without Trigger system



Professional YEP-621S

In B[♭], Valves=3top + 1side
Bore Size=14.5-16.8mm(0.571-0.661")
Material=Yellow brass, Bell Size=280mm(11")
Finish=Clear lacquer YEP-621
Silver-plated YEP-621S(photo)
Height=664mm, Mouthpiece=SL-51L

YEP-642T/642TS/842TS



The lever plate can be pressed while playing to adjust the position of the main tuning slide, improving pitch control and making it possible to produce more solid tone. This versatile trigger system offers optimum comfort and convenience by allowing lever plate position, angle, and stroke to be customized to suit individual players.

(Left photo: lever plate Right photo: the main tuning slide as seen from the player's position)



Intermediate
YEP-321S

In B[♭], Valves=4top pistons
Bore Size=14.5-15.5mm(0.571-0.610")
Material=Yellow brass, Bell Size=280mm(11")
Finish=Clear lacquer YEP-321
Silver-plated YEP-321S(photo)
Height=664mm, Mouthpiece=SL-48S



Student
YEP-211

In B[♭], Valves=3front pistons
Bore Size=14.5mm(0.571"),
Material=Yellow brass, Bell Size=280mm(11")
Finish=Clear lacquer YEP-211(photo)
Silver-plated YEP-211S
Height=664mm, Mouthpiece=SL-48S



Student
YEP-201

In B[♭], Valves=3top pistons
Bore Size=14.5mm(0.571"),
Material=Yellow brass, Bell Size=280mm(11")
Finish=Clear lacquer YEP-201(photo)
Silver-plated YEP-201S
Height=664mm, Mouthpiece=SL-48S



Baritones



Neo YBH-831S

In B[♭], Valves=3top pistons(compensating)
 Bore Size=13.2-14.0mm(0.520-0.551")
 Material=Yellow brass, Bell Size=240mm(9-3/5")
 Finish=Clear lacquer YBH-831
 Silver-plated YBH-831S(photo)
 Height=598mm, Mouthpiece=SL-48S



Professional YBH-621S

In B[♭], Valves=3top + 1side
 Bore Size=12.8-13.5mm(0.504-0.531")
 Material=Yellow brass, Bell Size=211mm(8-3/8")
 Finish=Clear lacquer YBH-621
 Silver-plated YBH-621S(photo)
 Height=592mm, Mouthpiece=SL-45C2S



Intermediate YBH-301

In B[♭], Valves=3top pistons
 Bore Size=12.8mm(0.504")
 Material=Yellow brass, Bell Size=211mm(8-3/8")
 Finish=Clear lacquer YBH-301
 Silver-plated YBH-301S(photo)
 Height=592mm, Mouthpiece=SL-45C2S

YBH-831/831S



Floating Leadpipe
 Featuring a new design that offers ideal playing resistance, the new floating leadpipe is no longer soldered to the bell, giving the instrument a full, natural resonance, for more expressive performances.



Valve casings
 Slim valve casings and a hand rest mounted parallel to the valves contribute to a natural, stress-free hand position. The piston pad and spring make the action quick and agile.



Large bell
 The original body taper and large bell add clarity and projection to a deep, magnificent baritone timbre that won't get lost in powerful tutti passages.

YBH-621/621S



Baritone models feature a 4th valve for accurate intonation and a rich low end.



Important sections of tubing are formed by hand to bring out the most musical resonance.

Tenor (Alto) Horns



Neo YAH-803S

In E^b, Valves=3top pistons
 Bore Size=11.9mm(0.469")
 Material=Yellow brass, Bell Size=210mm(8-1/4")
 Finish=Silver-plated, Height=521mm
 Mouthpiece=AH-38D4



Neo YAH-803

In E^b, Valves=3top pistons
 Bore Size=11.9mm(0.469")
 Material=Yellow brass, Bell Size=210mm(8-1/4")
 Finish=Clear lacquer, Height=521mm
 Mouthpiece=AH-38D4



Student YAH-203S

In E^b, Valves=3top pistons
 Bore Size=11.73mm(0.462")
 Material=Yellow brass, Bell Size=205mm(8-1/6")
 Finish=Gold lacquer YAH-203
 Silver-plated YAH-203S(photo)
 Height=547mm, Mouthpiece=AH-37C4

YAH-803/803S



The two-piece yellow brass bell features a larger diameter to deliver a wider dynamic range.



A heavy style valve casing design produces a richer, more authoritative tone.



The bottom bow features a special design that offers improved pitch and greater tone color. The main tuning slide is designed with a original taper and wider bow that produces greater dynamic range.



The mouthpiece receiver and brace design produce a moderate amount of resistance and thicker sound when playing, delivering greater projection and expressiveness.



(YAH-203S front side)



(YAH-803S back side)

The YAH-203 leadpipe connects to the 1st valve so even beginners can operate the slide with ease. The long leadpipe on the YAH-803 connects to the 3rd valve, providing a more traditional tone.

Mouthpieces



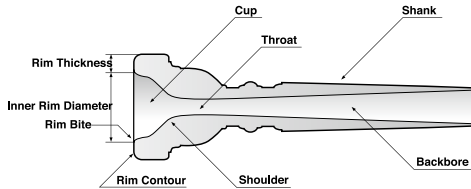
Standard

Yamaha's standard series mouthpieces allows for smooth attack, secure control and easy playability. They offer a perfect weight balance for all-around usage and are available in a wide variety of options for inner diameter, thickness, cup depth, throat dimensions and back bore width.



GP

GP Series has been created especially for professionals who require superior quality from their mouthpiece. The GP Series features an innovative shape and extra-heavy gold-plate finish for players who prefer a focused, concentrated tonal core.



Euphoniums/Baritones (Small Shank)

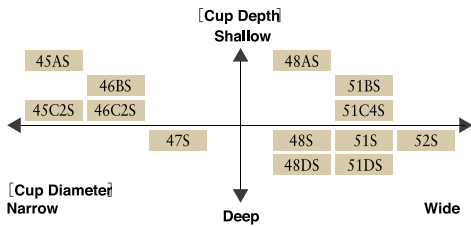
Model No.	Rim			Cup Depth	Throat (mm)	Backbore	Grade
	Inner Diameter(mm)	Contour	Thickness				
SL-45AS	24.26	Standard	Standard	Shallow	5.85	Semi-narrow	Standard
SL-45C2S	24.26	Semi-round	Standard	Standard	5.85	Semi-narrow	Standard·GP
SL-46BS	24.58	Standard	Standard	Semi-shallow	5.85	Semi-narrow	Standard
SL-46C2S	24.59	Semi-round	Standard	Standard	5.85	Semi-narrow	Standard
SL-47S	24.98	Standard	Standard	Standard	5.85	Semi-narrow	Standard
SL-48AS	25.25	Standard	Standard	Shallow	5.32	Semi-narrow	Standard
SL-48S	25.25	Standard	Standard	Standard	6.62	Semi-wide	Standard·GP
SL-48DS	25.25	Standard	Standard	Semi-deep	6.62	Semi-wide	Standard
SL-51BS	25.23	Standard	Standard	Semi-shallow	6.92	Semi-wide	Standard
SL-51C4S	25.23	Semi-flat	Standard	Standard	6.92	Semi-wide	Standard
SL-51S	25.23	Standard	Standard	Standard	6.92	Semi-wide	Standard
EP-51DS	25.24	Standard	Standard	Semi-deep	7.11	Semi-wide	Standard
SL-52S	25.65	Standard	Standard	Standard	7.11	Semi-wide	Standard

Euphoniums/Baritones (Large Shank)

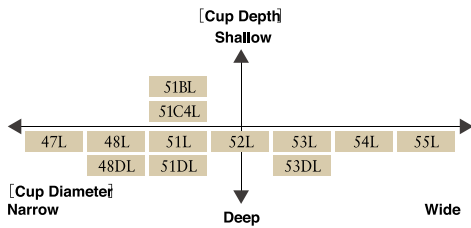
Model No.	Rim			Cup Depth	Throat (mm)	Backbore	Grade
	Inner Diameter(mm)	Contour	Thickness				
SL-47L	24.98	Standard	Standard	Standard	5.85	Standard	Standard
SL-48L	25.25	Standard	Standard	Standard	6.62	Semi-narrow	Standard·GP
SL-48DL	25.25	Standard	Standard	Semi-deep	6.62	Semi-narrow	Standard
SL-51BL	25.23	Standard	Standard	Semi-shallow	6.92	Semi-wide	Standard
SL-51C4L	25.23	Semi-flat	Standard	Standard	6.92	Semi-wide	Standard
SL-51L	25.23	Standard	Standard	Standard	6.92	Semi-wide	Standard
SL-51DL	25.24	Standard	Standard	Semi-deep	7.11	Standard	Standard
SL-52L	25.65	Standard	Standard	Standard	7.11	Semi-wide	Standard
SL-53L	25.91	Standard	Standard	Standard	7.11	Semi-wide	Standard
EP-53DL	26.08	Standard	Standard	Standard	7.11	Semi-wide	Standard
SL-54L	26.15	Standard	Standard	Standard	7.11	Semi-wide	Standard
SL-55L	26.35	Standard	Standard	Standard	7.11	Semi-wide	Standard

Comparison Chart

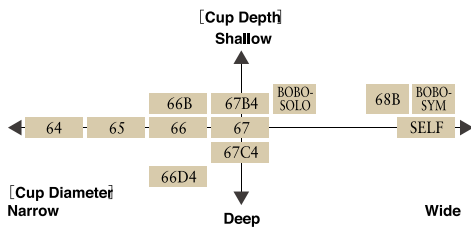
● Euphonium & Baritone (Small Shank)



● Euphonium & Baritone (Large Shank)



● Tuba



Tenor (Alto) Horns

Model No.	Rim			Cup Depth	Throat (mm)	Backbore	Grade
	Inner Diameter(mm)	Contour	Thickness				
AH-37C4	18.60	Semi-flat	Standard	Standard	5.25	Standard	Standard
AH-38D4	18.90	Semi-flat	Standard	Semi-deep	5.25	Standard	Standard

Tubas

Model No.	Rim			Cup Depth	Throat (mm)	Backbore	Grade
	Inner Diameter(mm)	Contour	Thickness				
BB-64	30.45	Standard	Thick	Standard	8.35	Standard	Standard
BB-65	30.95	Standard	Semi-thin	Standard	8.35	Semi-wide	Standard
BB-66B	31.37	Standard	Standard	Semi-shallow	8.35	Semi-wide	Standard
BB-66	31.37	Standard	Standard	Standard	8.35	Standard	Standard
BB-66D4	31.49	Semi-flat	Semi-thick	Semi-deep	8.87	Semi-wide	Standard
BB-67B4	32.06	Semi-flat	Semi-thick	Semi-shallow	7.02	Standard	Standard
BB-67	31.93	Standard	Standard	Standard	8.35	Semi-wide	Standard
BB-67C4	32.06	Semi-flat	Semi-thick	Standard	8.10	Standard	Standard
BB-68B	32.72	Standard	Semi-thick	Semi-shallow	7.50	Standard	Standard

Signature

	Model No.	Rim			Cup Depth	Throat (mm)	Backbore
		Inner Diameter(mm)	Contour	Thickness			
TUBA	BB-SELF	32.86	Standard	Semi-thick	Standard	8.00	Standard
	BB-BOBO-SOLO BB-BOBO-SOLO-GP	32.20	Semi-flat	Standard	Semi-shallow	7.50	Standard
	BB-BOBO-SYM BB-BOBO-SYM-GP	32.90	Standard	Standard	Semi-shallow	7.50	Standard

Artists Comments

Tuba



Roger Bobo

International soloist, World renown teacher,
Guest professor of the Musashino College of Music in Japan

It has been my pleasure and honor to have been associated with Yamaha for the last two decades and Yamaha still remains the tuba and euphonium I recommend to my students and friends.



Sérgio Carolino

Principal Tuba of the Porto National Symphony Orchestra

"It was LOVE at the First Sound"



Eirik Gjerdevik

Solo tubaist Bergen Navy Band, International Soloist

Why do I play Yamaha? Both my Eb-Tuba and my C-Tuba are very easy to play. In tune and consistent in all registers, it is easy to make a beautiful sonorous sound. My work is always quite technically demanding, so I need a tuba which plays with me, not against me. Not many C-Tubas are fine solo instruments but Yamaha is! And my Eb-Tuba? This is the love of my life. Everything I want to play, it plays with ease.



Michel Godard

International jazz soloist

"I always loved the fact that a Yamaha tuba leave you free to choose and create your own sound and musical world. Power, colors, clarity of sound, great intonation, an everyday storge."



David Kutz

Solo Tuba of the Netherlands Philharmonic Orchestra

Yamaha Tubas set the standard for quality, sound, and innovation. Period! In choosing the instruments for my work I was immediately drawn to the workmanship of this wonderful company. The sound of my YCB 826S in the larger symphonic repertoire is unsurpassed while I use my YFB 822 and YFB821S Custom tubas for all my ensemble and solo needs. What a luxury to be able to choose! Yamaha, the instrument for artists.



Stéphane Labeyrie

Principal Tuba of The Orchestra of Paris

"I play Yamaha instruments since my youngest age! They are ideally suited for all my activities as Soloist and in Chamber Music."



Jon Sass

Solo Tuba Artist

Jon Sass plays only the best...Yamaha tubas



Jim Self

Associate Professor of USC, Studio Musician

"Whether I play in a symphony, opera, jazz ensemble, solo concert, or in the studio, I use Yamaha tubas. Because of their versatility, I am able to use them in all of my work."



François Thuillier

International Soloist / Jazzman, Professor at CRR d' Amiens

I met my Yamaha tuba YFB 822, more than 20 years ago!
What a happy encounter!

Together we have travelled a long way since then ... Because of his mellow low register, his generous sound and his incredible flexibility, I remained faithful to it and it is faithful to me ... we love each other!



Lee Tsarmaklis

Principal Tuba of the London Philharmonic Orchestra

Playing the Yamaha C-Tuba is like a dream come true. It makes a beautiful sound with a variety of overtones but there is a hidden power that can be called for when needed.



Stephan Vanaenrode

Principal Tuba of the Orchestra Royal Opera La Monnaie

I'll never regret my choice in 1993 by making a complete change from different types of tubas to the Yamaha YCB-822S and the YFB-822S. Even in Belgium, everybody was completely surprised by my choice, but even harder in the quality of these beautiful instruments. These instruments changed my life in a great way. A wonderful "colour"-world as it is in the Opera, and the perfect place to play with these colours on the Yamaha Tubas, especially on the symphonic concerts on stage as down in the orchestral pit.



Anne Jelle Visser

Professor of Tuba at the Zurich University of the Arts

The incredible versatility and the sound of this instrument are just fascinating.

Euphonium



Anthony Caillet

European Tuba Trio

"I truly love the Yamaha Custom euphonium for its precision in all registers, its sound projection, its flexibility, its great intonation with many sound colors I can easily get with it. For me it's the best instrument to express the widest range of emotions, whatever the musical context!"



Adam Frey

Euphonium Soloist

"The YEP-842S Custom Model not only combines incredibly precise tuning and a clear, brilliant sound, but also has an ease of playing and an evenness of tone across four and half octaves that is unmatched. It provides the needed clarity, projection, and power required for me when I perform."



Steven Walsh

Euphonium Soloist

The Yamaha Neo Euphonium has an unrivalled depth in tone and accuracy of tuning throughout the whole range of the instrument. These attributes can be projected across any ensemble with consummate ease. This newest addition to the Neo range allows a performer the opportunity to portray their musical ideas with absolute comfort, culminating in a classic British Euphonium sound.

Baritone



Katrina Marzella

International Soloist, Solo Baritone Black Dyke Band

The Neo baritone horn is set to revolutionise the preconceptions and expectations of baritone players across the world. Never before has the instrument been heard and felt with such presence. It is simply a joy to play: the sound has warmth, breadth and projected power in equal measure: the intonation is remarkably consistent; the efficient playing experience is second to none; and the production quality is exceptional. It has been my pleasure to be involved in this journey. Thanks to Yamaha, the baritone horn has now found its voice.

Tenor horn



Arfon Owen

Member of Stavanger Brass Band

As a tenor horn player, you strive to produce the warm, vibrant sound that belies the instrument's character. The hours put into the development of Yamaha Neo's design allows me to reach the instrument's full potential, in terms of tone quality, range, as well as the heavy technical demands that are asked of brass band players by composers and arrangers. Above everything else, the Yamaha Neo is an absolute joy to play. I can rely on it to perform every time it comes out of the case, which allows me to just get on with what I love, making music.



A Lead-Free Future with Yamaha Wind Instruments

Yamaha instruments use only lead-free solder in the pursuit of musical excellence.

LEAD FREE SOLDER

Yamaha wind instruments except gold flutes are manufactured with lead-free solder.

By the time RoHS (Restriction of Hazardous Substances directive) came into effect in July 2006, the use of lead-free solders had become common throughout the manufacturing sector. While wind instruments were exempt from the regulation, we chose to switch as well, making Yamaha the first company to bring lead-free solder to wind instruments.

Before we could use lead-free solder however, a number of issues had to be addressed, such effects on sound quality, improving technical accuracy, and developing new manufacturing procedures. After six years of in depth research and development, our objectives have been met making the instruments we manufacture deliver sound quality that is better than ever.

Lead-free solder is also being used for wind instrument maintenance in both our domestic and overseas operations.

Looking to the future, we at Yamaha will continue creating and manufacturing wind instruments with an emphasis on sound and music, mankind and the environment.



Specifications

	Model	Key	Valves	Bore Size	Material	Bell Size	Finish	Height	Mouthpiece			
B ^b Tubas	YBB-841G	BB ^b	4rotary	20.7mm(0.815")	Gold brass	450mm (17-3/4")	Clear lacquer	1018mm	BB-67C4			
	YBB-841				Yellow brass	419mm (16-1/2")						
	YBB-641				Gold brass							
	YBB-645G		3 top + 1side, compensating	18.5-20.0mm (0.728-0.787")	Yellow brass	500mm (19-5/8")	Silver-plated	1048mm	BB-66D4			
	YBB-632					4 front pistons	17.5-18.5mm (0.689-0.728")	Yellow brass	366mm (14-3/8")	Clear lacquer	825mm	BB-67C4
	YBB-632S		Silver-plated									
	YBB-621		4 top pistons	18.5-19.5mm (0.728-0.768")	Yellow brass	443mm (17-1/2")	Clear lacquer	1018mm	BB-67C4			
	YBB-621S						Silver-plated					
	YBB-321		3 top pistons	18.5mm(0.728")	Yellow brass	366mm (14-3/8")	Clear lacquer	827mm	BB-67			
	YBB-321S						Silver-plated					
	YBB-201						Clear lacquer					
	YBB-201S		Silver-plated									
	YBB-105		16.8mm(0.661")	Yellow brass	366mm (14-3/8")	Clear lacquer	827mm	BB-67				
YBB-105S	Silver-plated											
C Tubas	YCB-861	CC	5 rotary	20.7mm(0.815")	Yellow brass	450mm (17-3/4")	Clear lacquer	1018mm	BB-67C4			
	YCB-822		4 front pistons +1 rotary	19.5mm(0.768")		500mm (19-5/8")	Clear lacquer	943mm				
	YCB-822S					Silver-plated						
	YCB-621		4 front pistons	17.5-18.5mm (0.689-0.728")		Yellow brass	366mm (14-3/8")	Clear lacquer		825mm		
	YCB-621S							Silver-plated				
E ^b Tubas	YEB-632	E ^b	3 top + 1side, compensating	17.5-18.5mm (0.689-0.728")	Yellow brass	480mm (19")	Clear lacquer	867mm	BB-66D4			
	YEB-632S					Silver-plated						
	YEB-321		4 top pistons	17.5-18.5mm (0.689-0.728")		Yellow brass	386mm (15-1/4")	Clear lacquer		863mm		
	YEB-321S							Silver-plated				
	YEB-201		3 top pistons	17.5mm(0.689")		Yellow brass	386mm (15-1/4")	Clear lacquer		863mm		
	YEB-201S							Silver-plated				
F Tubas	YFB-822	F	4 front pistons +1 rotary	19.5mm(0.768")	Yellow brass	446mm (17-1/2")	Clear lacquer	874mm	BB-67B4			
	YFB-822S			Silver-plated								
	YFB-621		17.5-18.5mm (0.689-0.728")	Yellow brass		366mm (14-3/8")	Clear lacquer	825mm				
	YFB-621S						Silver-plated					
Euphoniums	YEP-842S	B ^b	3 top + 1side, compensating	15.0-16.8mm (0.591-0.661")	Yellow brass	300mm (11-4/5")	Silver-plated with Gold-plated trim	664mm	EP-53DL			
	YEP-842TS						Clear lacquer		SL-51L			
	YEP-642II						Silver-plated					
	YEP-642T					3 top + 1side	14.5-16.8mm (0.571-0.661")	Yellow brass	280mm (11")	Clear lacquer	664mm	SL-48S
	YEP-642SII									Silver-plated		
	YEP-642TS					4 top pistons	14.5-15.5mm (0.571-0.610")	Yellow brass	280mm (11")	Clear lacquer	664mm	SL-48S
	YEP-621		Silver-plated									
	YEP-621S		3 front pistons	14.5mm(0.571")		Yellow brass	280mm (11")	Clear lacquer	664mm	SL-48S		
	YEP-321							Silver-plated				
	YEP-321S		3 top pistons	14.5mm(0.571")		Yellow brass	280mm (11")	Clear lacquer	664mm	SL-48S		
	YEP-211							Silver-plated				
	YEP-211S		3 top pistons	14.5mm(0.571")		Yellow brass	280mm (11")	Clear lacquer	664mm	SL-48S		
	YEP-201							Silver-plated				
YEP-201S	Silver-plated											
Baritones	YBH-831	B ^b	3 top pistons, compensating	13.2-14.0mm (0.520-0.551")	Yellow brass	240mm (9-3/5")	Clear lacquer	598mm	SL-48S			
	YBH-831S						Silver-plated					
	YBH-621		3 top + 1side	12.8-13.5mm (0.504-0.531")		Yellow brass	211mm (8-3/8")	Clear lacquer	592mm	SL-45C2S		
	YBH-621S							Silver-plated				
	YBH-301		3 top pistons	12.8mm(0.504")		Yellow brass	211mm (8-3/8")	Clear lacquer	592mm	SL-45C2S		
YBH-301S	Silver-plated											
Tenor (Alto) Horns	YAH-803	E ^b	3 top pistons	11.9mm(0.469")	Yellow brass	210mm (8-1/4")	Clear lacquer	521mm	AH-38D4			
	YAH-803S			Silver-plated								
	YAH-203			1173mm(0.462")		Yellow brass	205mm (8-1/6")	Gold lacquer	547mm	AH-37C4		
	YAH-203S							Silver-plated				



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YAMAHA CORPORATION

W-257R WIND INSTRUMENTS CATALOG (P10028736) Printed In Japan 2018.3



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