



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



## *Custom* YBB-841

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



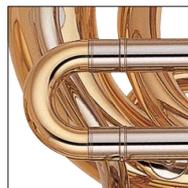
## *Custom* YCB-861

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



Professional  
**YBB-645G**

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



## *Custom* YFB-822

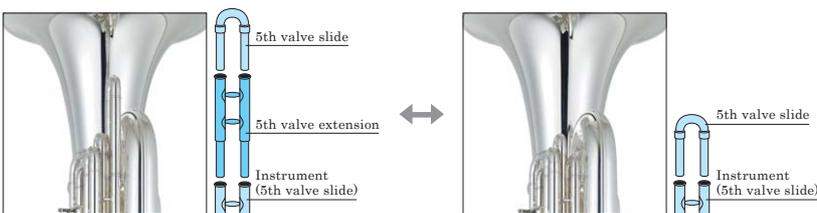
In F, Valves=4 front pistons + 1 rotary  
 Bore Size=19.5mm(0.768"), Material=Yellow brass  
 Bell Size=446mm(17-1/2"), Finish=Clear lacquer  
 Height=874mm, Mouthpiece=67B4



## *Custom* YFB-822S

In F, Valves=4 front pistons + 1 rotary  
 Bore Size=19.5mm(0.768"), Material=Yellow brass  
 Bell Size=446mm(17-1/2"), Finish=Silver-plated  
 Height=874mm, Mouthpiece=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<sup>♭</sup>, 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=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=67C4

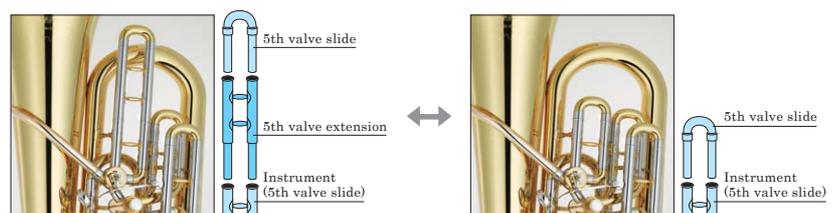


Professional  
**YFB-621**

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=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<sup>b</sup>, 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=66D4



## Neo YBB-632

In BB<sup>b</sup>, 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=66D4



## Neo YEB-632S

In E<sup>b</sup>, 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=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 before, 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=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=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=66D4



# Tubas

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## Student YBB-201

In BB<sup>b</sup>, 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=67C4



## Student YEB-201

In E<sup>b</sup>, 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=66D4



## Student YBB-105

In BB<sup>b</sup>, 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=67





Human Skill and Passion  
Breathe Life Into Metal



# Euphoniums



## *Custom* YEP-842S

In B<sup>b</sup>, 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=53DL



## *NEO* YEP-642S II

In B<sup>b</sup>, 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-642II  
Silver-plated YEP-642SII(photo)  
Height=664mm, Mouthpiece=51L



## Professional YEP-621S

In B<sup>b</sup>, 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=51L

### 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.





Intermediate  
**YEP-321S**

In B<sup>b</sup>, 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=48S



Student  
**YEP-211**

In B<sup>b</sup>, 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=48S



Student  
**YEP-201**

In B<sup>b</sup>, 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=48S



# Baritones



## Neo YBH-831S

In B<sup>2</sup>, 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=48S



## Professional YBH-621S

In B<sup>2</sup>, 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=45C2S



## Intermediate YBH-301

In B<sup>2</sup>, 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=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 new 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<sup>b</sup>, Valves=3top pistons  
Bore Size=11.9mm(0.469")  
Material=Yellow brass, Bell Size=210mm(8-1/4")  
Finish=Silver-plated, Height=521mm  
Mouthpiece=38D4



## Neo YAH-803

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



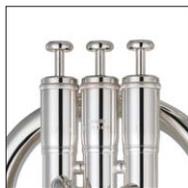
## Student YAH-203S

In E<sup>b</sup>, 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=37C4

### YAH-803/803S



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



A new, heavier valve casing design produces a richer, more authoritative tone.



The bottom bow features a new design that offers improved pitch and greater tone color. The main tuning slide is designed with a new 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



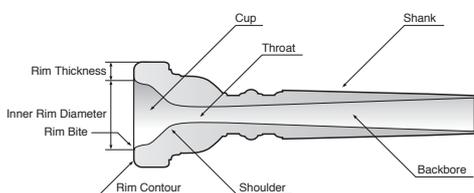
## Standard

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)

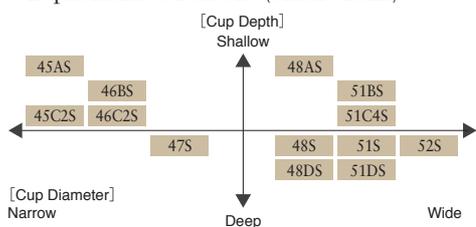
Model No.	Rim			Cup Depth	Throat (mm)	Backbore	Grade
	Inner Diameter(mm)	Contour	Thickness				
45AS	24.26	Standard	Standard	Shallow	5.85	Semi-narrow	Standard
45C2S	24.26	Semi-round	Standard	Standard	5.85	Semi-narrow	Standard•GP
46BS	24.58	Standard	Standard	Semi-shallow	5.85	Semi-narrow	Standard
46C2S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

## Euphoniums/Baritones (Large Shank)

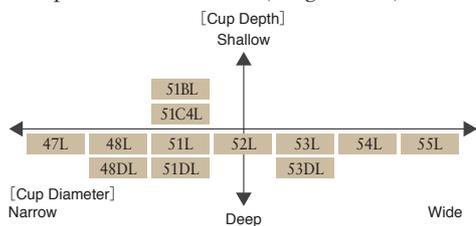
Model No.	Rim			Cup Depth	Throat (mm)	Backbore	Grade
	Inner Diameter(mm)	Contour	Thickness				
47L	24.98	Standard	Standard	Standard	5.85	Standard	Standard
48L	25.25	Standard	Standard	Standard	6.62	Semi-narrow	Standard•GP
48DL	25.25	Standard	Standard	Semi-deep	6.62	Semi-narrow	Standard
51BL	25.23	Standard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

## Comparison Chart

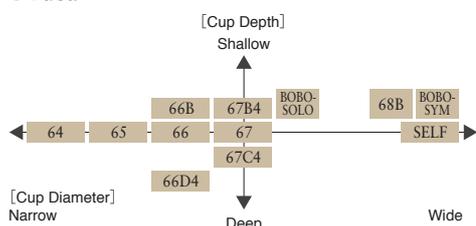
### ●Euphonium & Baritone (Small Shank)



### ●Euphonium & Baritone (Large Shank)



### ●Tuba



## Tenor(Alto) Horns

Model No.	Rim			Cup Depth	Throat (mm)	Backbore	Grade
	Inner Diameter(mm)	Contour	Thickness				
37C4	18.60	Semi-flat	Standard	Standard	5.25	Standard	Standard
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				
64	30.45	Standard	Thick	Standard	8.35	Standard	Standard
65	30.95	Standard	Semi-thin	Standard	8.35	Semi-wide	Standard
66B	31.37	Standard	Standard	Semi-shallow	8.35	Semi-wide	Standard
66	31.37	Standard	Standard	Standard	8.35	Standard	Standard
66D4	31.49	Semi-flat	Semi-thick	Semi-deep	8.87	Semi-wide	Standard
67B4	32.06	Semi-flat	Semi-thick	Semi-shallow	7.02	Standard	Standard
67	31.93	Standard	Standard	Standard	8.35	Semi-wide	Standard
67C4	32.06	Semi-flat	Semi-thick	Standard	8.10	Standard	Standard
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			
Tenor(Alto)	SWHITE	19.10	Standard	Standard	Deep	5.07	Semi-narrow
TUBA	SELF	32.86	Standard	Semi-thick	Standard	8.00	Standard
	BOBO-SOLO-S	32.20	Semi-flat	Standard	Semi-shallow	7.50	Standard
	BOBO-SOLO-GP						
	BOBO-SYM-S	32.90	Standard	Standard	Semi-shallow	7.50	Standard
BOBO-SYM-GP							

# 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."



### Stéphane Labeyrie

Principal Tuba of The Orchestra de Paris

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



### Chris Olka

Principal Tuba of Seattle Symphony and Seattle Opera

"I've been playing Yamaha Tubas for my entire career. From my first tuba in high school, the YBB-641, to my two YCB-826S tubas that I use in the orchestra, my Yamaha Tubas have all shared the common characteristics of ease of response and playability combined with a warm, rich, beautiful tone. I love playing my Yamaha tubas because they allow me to focus on what I love most - making music!"



### 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."



### 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."

## 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



### Sheona White

International Soloist, Solo Horn Brighouse and Raistrick Band

I had a clear vision as to what I wanted from the instrument. Superb tonal quality with projection is vital for the modern role of the tenor horn along with great intonation. The YAH-803(S) provides me with an instrument that meets all the demands and my needs as a horn player of the present generation.



## 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 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 <sup>b</sup> Tubas	YBB-841 G	BB <sup>b</sup>	4 rotary	20.7mm(0.815")	Gold brass	450mm (17-3/4")	Clear lacquer	1018mm	67C4	
	YBB-841				Yellow brass					
	YBB-641				4 rotary	20.6mm(0.811")				419mm (16-1/2")
	YBB-645G		20.7mm(0.815")	Gold brass						
	YBB-632		3 top + 1 side, compensating	18.5-20.0mm (0.728-0.787")	Yellow brass	500mm (19-5/8")		Silver-plated	1048mm	66D4
	YBB-632S							Clear lacquer	825mm	67C4
	YBB-621		4 front pistons	17.5-18.5mm (0.689-0.728")	Yellow brass	366mm (14-3/8")	Silver-plated			
	YBB-621S						Clear lacquer	1018mm		
	YBB-321		4 top pistons	18.5-19.5mm (0.728-0.768")		443mm (17-1/2")	Clear lacquer			
	YBB-321S						Silver-plated			
	YBB-201		3 top pistons	18.5mm(0.728")		366mm (14-3/8")	Clear lacquer	827mm	67	
	YBB-201S						Silver-plated			
	YBB-105				16.8mm(0.661")		Clear lacquer			
YBB-105S	Silver-plated									
C Tubas	YCB-861	CC	5 rotary	20.7mm(0.815")	Yellow brass	450mm (17-3/4")	Clear lacquer	1018mm	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")		366mm (14-3/8")	Clear lacquer	825mm		
	YCB-621S						Silver-plated			
E <sup>b</sup> Tubas	YEB-632	E <sup>b</sup>	3 top + 1 side, compensating	17.5-18.5mm (0.689-0.728")	Yellow brass	480mm (19")	Clear lacquer	867mm	66D4	
	YEB-632S						Silver-plated			
	YEB-321		4 top pistons	386mm (15-1/4")		Clear lacquer	863mm			
	YEB-321S					Silver-plated				
	YEB-201		3 top pistons	17.5mm(0.689")		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	67B4	
	YFB-822S			Silver-plated						
	YFB-621			17.5-18.5mm (0.689-0.728")		366mm (14-3/8")	Clear lacquer	825mm		
	YFB-621S						Silver-plated			
Euphoniums	YEP-842S	B <sup>b</sup>	3 top + 1 side, compensating	15.0-16.8mm (0.591-0.661")	Yellow brass	300mm (11-4/5")	Silver-plated with Gold-plated trim	664mm	53DL	
	YEP-642II						Clear lacquer		51L	
	YEP-642SII						Silver-plated			
	YEP-621		3 top + 1 side	14.5-16.8mm (0.571-0.661")		Clear lacquer	664mm			
	YEP-621S					Silver-plated				
	YEP-321		4 top pistons	14.5-15.5mm (0.571-0.610")		Clear lacquer	664mm			
	YEP-321S					Silver-plated				
	YEP-211		3 front pistons	14.5mm(0.571")		Clear lacquer	48S			
	YEP-211S					Silver-plated				
	YEP-201		3 top pistons	14.5mm(0.571")		Clear lacquer	48S			
	YEP-201S					Silver-plated				
Baritones	YBH-831	B <sup>b</sup>	3 top pistons, compensating	13.2-14.0mm (0.520-0.551")	Yellow brass	240mm (9-3/5")	Clear lacquer	598mm	48S	
	YBH-831S						Silver-plated			
	YBH-621		3 top + 1 side	12.8-13.5mm (0.504-0.531")		211mm (8-3/8")	Clear lacquer	592mm	45C2S	
	YBH-621S						Silver-plated			
	YBH-301		3 top pistons	12.8mm(0.504")		Clear lacquer	592mm			
YBH-301S	Silver-plated									
Tenor (Alto) Horns	YAH-803	E <sup>b</sup>	3 top pistons	11.9mm(0.469")	Yellow brass	210mm (8-1/4")	Clear lacquer	521mm	38D4	
	YAH-803S			Silver-plated						
	YAH-203			1173mm(0.462")		205mm (8-1/6")	Gold lacquer	547mm	37C4	
	YAH-203S						Silver-plated			

