

## Yamaha Marching Brass Specifications

Model	Key	Bore size	Bell size	Material	Valves	Finish	Weight	Mouthpiece
Marching Mellophone	YMP-203M/S	F	11.73mm (0.462")	253mm (9-15/16")			1.5kg (3.3lb)	15F4
Marching French Horn	YHR-302M/S	B $\flat$	12.00mm (0.472")	257mm (10-1/8")			1.6kg (3.5lb)	30C4
Marching Baritone	YBH-301M/S	B $\flat$	14.50mm (0.571")	254mm (10")			2.5kg (5.5lb)	48L
Convertible Euphonium	YEP-201M/S	B $\flat$	14.50mm (0.571")	280mm (11")			3.5kg (7.7lb)	48
Convertible Tuba	YEB-201M/S	E $\flat$	17.50mm (0.689")	386mm (15-1/4")	3 pistons	Clear lacquer/ Silver-plated	7.1kg (15.7lb)	66D4
Convertible Tuba	YBB-105M/S	BB $\flat$	16.80mm (0.661")	366mm (14-3/8")			6.2kg (13.7lb)	67
Convertible Tuba	YBB-201M/S	BB $\flat$	18.50mm (0.728")	443mm (17-1/2")			9.0kg (19.8lb)	67C4
Marching Tuba	YBB-202M/S	BB $\flat$	18.50mm (0.728")	500mm (19-11/16")			9.3kg (20.5lb)	67C4
Sousaphone	YSH-411/S	BB $\flat$	18.50mm (0.728")	660mm (26")			12.5kg (27.6lb)	67C4
Sousaphone	YSH-301	BB $\flat$	18.50mm (0.728")	663mm (26-1/8")	ABS resin bell, FRP body	—	9.1kg (20.1lb)	67C4

All specifications subject to change without notice.



# MARCHING BRASS

Marching Mellophone / Marching French Horn / Marching Baritone  
Convertible Euphonium / Convertible Tubas / Marching Tuba / Sousaphones



## YAMAHA MARCHING DRUMS

### New 8200 Series

Our new Field Corps marching toms and bass drums utilize a new light weight aluminum die-cast lug design that offers enhanced tone production and greater tuning stability.

Our Field-Corps marching toms deliver a pure, focused tone that is maximized by our new deep balanced set of toms. And now for even greater tone, these toms are equipped with a new lug, which utilizes an arch-shape which allows the shell to vibrate freely thus delivering greater tone. The Field-Corps marching toms are also equipped with a 2.3mm thick, steel DynaHoop™ rim that is specially designed by Yamaha. Its profile protects the bearing edge from mallet sweeps, which is especially important as the rim height lowers as the drum head stretches. The drums also utilize a high-strength aluminum reinforcement ring inserted just below the bearing edge to maintain shell integrity especially when high-tension tuning is used.

A 14-inch marching bass drum, perfect for indoor use, is now available in the 8200 series lineup.



MQ8200 Series



MB8200 Series

For details please contact:



**YAMAHA**  
YAMAHA CORPORATION

Head Office: EC00J0249  
Toyooka Plant: EC00J0045  
Saitama Plant: EC99J1065

ISO 9001 Certified  
JQA-QM6245

W-231

51401B Printed in Japan



# DESIGNED FOR THOSE WHO USE THEM

When creating our orchestral model instruments we work together with some of the world's top artists. We find out what they need, and where their own instruments are lacking. Then we build prototypes which they field-test in actual performances. We put exactly the same care and attention into developing our marching brass. We go to the directors to learn exactly what they are looking for in an instrument. Then we interview the players to find out what their needs are and understand precisely how the instrument will be used.

We put all the knowledge we gain from this research into the design of prototypes, which we bring back for serious road tests—often waiting and watching an entire season to make sure that they hold up as they should.

And that's why Yamaha marching brass are so right for your band: they were designed precisely with you in mind.

## Why do the Top Marching Bands Choose Yamaha

- They produce the finest sound available
- They offer the highest quality, the best consistency
- They feature unmatched durability
- They have been field-tested with the world's top marching ensembles

*"Whether I'm with the Cavaliers Drum and Bugle Corps or at Carmel High School, I know that I can count on Yamaha to provide the instruments we need to continue our pursuit of musical excellence. As the marching activity continues to grow, Yamaha continues to grow."*

Richard Saucedo - Arranger for the Cavaliers and the Director of Bands at Carmel High School in Carmel, Indiana.

*"We're overwhelmingly pleased with the Yamaha marching brass and the sound that we continue to produce and refine."*

Jeff Fiedler - Director Cavaliers Drum & Bugle Corps

## Special Features

### • Well balanced

All Yamaha marching instruments are well-balanced, so they are easy to hold and maneuver while marching.

### • Hand-lapped valves and slides

Hand-lapping ensures an absolutely perfect fit and seal between the valve pistons and casing or slide parts. Such a fit helps to achieve smooth air flow and smooth action, and improves the response and intonation of the instrument.

### • Laser-fused pluzuma-welded bells

A high-energy laser fuses the brass together for a virtually seamless bell, which results in continuous, even vibrations.

### • Pressure-formed tubing

The perfectly rounded tubing results in less turbulence and a smoother air flow, thus making possible an excellent scale and reduced resistance.

### • Heavy bracing

All Yamaha marching instruments have heavy bracing throughout, so they are more durable at vulnerable points and can withstand the rigors of use in a marching band.

### • 1st valve thumbhook

Our marching mellophone, horn, and baritone feature a thumbhook on the 1st valve tuning slide for subtle adjustments in intonation.



YMP-203MS



YHR-302M



YBH-301M



YEP-201MS

## F Marching Mellophone

### YMP-203M

In F  
with mouthpiece adapter

Originally based on a concert mellophone but in a marching configuration, the 203M has been redesigned to make it friendlier to both trumpet and horn players. Players of either instrument will find this mellophone, which includes mouthpiece adapters for both, very easy to play. It is characterized by a rich vibrant sound, and the wide bell shape gives ample tonal projection. With its great sound, ease of play, and quick response, this is the ideal Marching Mellophone. The YMP-203M is also available with a silver-plated finish (YMP-203MS).

## B<sup>b</sup> Marching French Horn

### YHR-302M

In B<sup>b</sup>  
1st slide thumb hook

Yamaha is one of the world's leading manufacturers of French horns, and the YHR-302M shares many of the same warm tonal colors as our concert models. But more than a traditional French horn, the 302M has been designed to project its rich tonal colors across the marching field; we've added strength to the natural beauty of its sound. The YHR-302M marching French horn is available with a silver-plated finish (YHR-302MS).

## B<sup>b</sup> Marching Baritone

### YBH-301M

In B<sup>b</sup>  
1st slide thumb hook

Featuring a large bore for a deep and warm sound, the YBH-301M is ideal for DCI style marching ensembles which have no trombones. It can add a unique voice to your band, darker than a trombone yet brighter than an euphonium—a very rich and strong sound. In addition, the 301M is a well-balanced instrument, making it easier to play, and easier to maneuver with in formations. The YBH-301M marching baritone is available with a silver-plated finish (YBH-301MS).

## B<sup>b</sup> Convertible Euphonium

### YEP-201M

In B<sup>b</sup>  
For left shoulder, converts to right shoulder

A true concert euphonium, the convertible leadpipe makes it simple to change the 201M into a marching configuration model. It offers the versatility of a single instrument which is perfectly at home in either marching ensemble or in the concert hall. In addition to this excellent value, the 201M features an easy playability and highly accurate intonation. And its durable construction guarantees a long life of performances. The YEP-201M euphonium is available with a silver-plated finish (YEP-201MS).



## Special Features

### • Hand-lapping

Hand-lapped valves and slides results in superior fit for noiseless, responsive action and easy intonation adjustments.

### • Heavy bracing throughout

Because these tubas are designed for use in marching bands, they have heavy bracing throughout to make them more durable at the vulnerable points.

### • Precision brace design and placement

The design and placement of the braces ensure maximum durability as well as optimum tone.

### • Leadpipe taper

Faultless intonation and well-centered notes are the result of the extended taper on the leadpipe.



YEB-201MS



YBB-105MS



YBB-201MS

### *E<sup>b</sup> Convertible Tuba*

## YEB-201M

In E<sup>b</sup>  
For left shoulder

This is a convertible version of the very popular YEB-201 E<sup>b</sup> concert tuba which has been well-accepted by professional musicians. Though used in a marching configuration, this instrument's sound is virtually the same as that of a concert model: rich, warm and refined. Its lighter weight, which has been achieved without sacrificing any tonal integrity, makes it easier for smaller children to carry. The YEB-201M convertible tuba is available with a silver-plated finish (YEB-201MS).

### *B<sup>B<sup>b</sup></sup> Convertible Tuba*

## YBB-105M

In B<sup>B<sup>b</sup></sup>  
For left shoulder

The 105M is smaller and lightweight, allowing bands with small children to be able to march with a genuine tuba sound. Despite its smaller size, this instrument offers a surprisingly big tone. The .661" bore achieves the ideal balance between easy response and solid, authoritative sound, and the 105M has been designed to be easy to handle while marching. It's perfect for those facing budget restrictions as the convertible leadpipe makes it perfect for both concert or marching bands. The YBB-105M is available with a silver-plated finish (YBB-105MS).

### *B<sup>B<sup>b</sup></sup> Convertible Tuba*

## YBB-201M

In B<sup>B<sup>b</sup></sup>  
For left shoulder

The 201M is a tuba for those who need flexibility with their instruments. The same tuba is equally suited for use on the field or in a formal concert performance. The 17-inch bell delivers a rich full sound, yet the tuba is lightweight for carrying ease and offers great cost performance. The marching and concert leadpipe conversion is simple and can be easily accomplished by the player. The YBB-201M convertible tuba is available with a silver-plated finish (YBB-201MS).



## Special Features

- **Vertical valve configuration**

For better comfort and improved playability.

- **Designed by users**

The 202M has been designed to facilitate shouldering, and is easy to maneuver in complicated formations.

- **Double body bracing between bows**

Helps protect this accident-prone part of the tuba.

- **Huge 20 inch bell**

This is the largest tuba bell Yamaha makes; it creates a powerful foundation to your ensemble's sound.

- **Adjustable leadpipe**

Allows each individual player to set the ideal center of gravity for perfect balance. The leadpipe is also very strong and won't accidentally move out of position during performance.

- **Special tubing configuration**

Prevents condensation from pouring back into the leadpipe during 'bell up' passages.

- **Raised bell angle**

Makes the 202M visually exciting and aids with tonal projection.



YBB-202MS

### *BB<sup>b</sup> Marching Tuba* **YBB-202M**

In BB<sup>b</sup>  
For left shoulder

This has to be the ultimate tuba for any marching ensemble. The huge bell produces a massive sound, yet the 202M is easy to hold and easy to play. Despite its wide powerful sound, this instrument is actually lighter in weight than any other comparable tubas. Adjustable leadpipe positioning allows the player to control the balance of the entire tuba, and the vertical valve configuration provides comfortable, natural hand positioning. The YBB-202M is available with a silver-plated finish (YBB-202MS).

## Special Features

- **Extra mouthpiece bit**

The 411 features specially designed bits for comfortable mouthpiece positioning.

- **Well-balanced**

Yamaha Sousaphones are extremely well-balanced, making them easy to hold while marching.

- **Heavy bracing throughout**

Because the Sousaphone is for use in a marching band, it has heavy bracing throughout to make it more durable at the vulnerable points.

- **Pressure formed tubing**

Perfectly rounded tubing results in less turbulence and a smoother air flow, thus allowing for an excellent scale and reduced resistance.



YSH-301

### *Fiberglass Sousaphone* **YSH-301**

In BB<sup>b</sup>  
ABS resin bell, FRP body  
With soft case (Without case or hard case also available)

Yamaha's 'classic' Sousaphone, the 301 can be found in bands across the globe. Its ABS resin bell makes it lightweight and comfortable to play, and when used properly the material is almost indestructible. The fiber-reinforced body material of the YSH-301WB makes it lightweight to help reduce fatigue while marching. Though lightweight, the 301 offers a full rich sound combined with the exciting visual image of a Sousaphone.



YSH-411S

### *Brass Sousaphone* **YSH-411**

In BB<sup>b</sup>  
Yellow brass  
(Without case, case available by separate order)

The 411 is made of brass and offers a larger bore configuration for a large broad sound very close to that of a concert tuba. The visual impact of the brass or silver plated bells thrills the audiences, but real reason most leading bands choose the 411 to give their ensemble a more powerful harmonic fundamental. The YSH-411 is available with a silver-plated finish (YSH-411S).