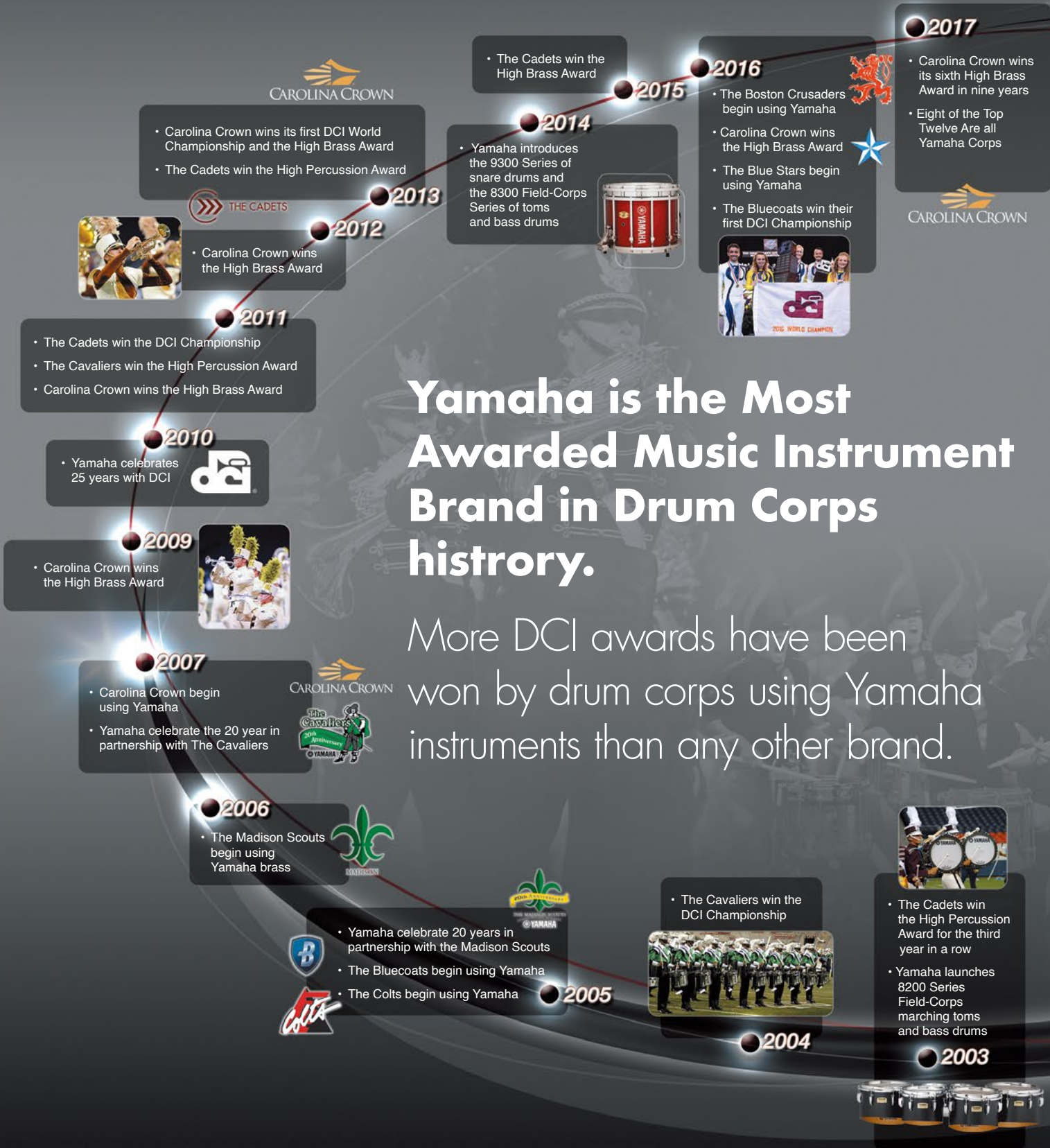




MARCHING INSTRUMENTS



Yamaha has Proudly Sup in Drum Corp



Yamaha is the Most Awarded Music Instrument Brand in Drum Corps history.

More DCI awards have been won by drum corps using Yamaha instruments than any other brand.

ported Music Education s since 1985

2018

- Santa Clara Vanguard wins its first DCI Championship and first High Brass Award using Yamaha



1985

- The Madison Scouts begin using Yamaha percussion
- First year of Yamaha marching percussion instruments in DCI



1986

- The Cavaliers begin using Yamaha



1988

- The Madison Scouts win the DCI Championship



1990

- Yamaha introduces the Corps-Custom marching snare drum



1992

- The Cavaliers win the DCI Championship and the High Percussion Award



1993

- Yamaha introduces the SFZ marching snare drum and the Black Forest line of percussion



1994

- Yamaha debuts the Red Forest line



1995

- The Cavaliers win the DCI Championship and High Percussion Award



1999

- Yamaha presents the first Multi-Frame for pit percussion instruments



2000

- The Cadets begin using Yamaha brass and win the High Brass Award; they're also named DCI Co-Champions
- The Cavaliers are named DCI Co-Champions and win the High Percussion Award
- Yamaha introduces the MTS marching snare drum



2001

- The Cavaliers begin using Yamaha brass and win the DCI Championship
- The Cadets begin using Yamaha percussion and win the High Percussion Award
- The Crossmen begin using Yamaha



2002

- The Cavaliers win the DCI Championship and High Brass Award
- The Cadets win the High Percussion Award for the second year in a row



12 High Brass Awards
15 High Percussion Awards
18 World Championships





MARCHING PERCUSSION

Yamaha offers an extensive lineup of marching drums, from high-end instruments with refined sound and playability to basic models that provide an ideal introduction for beginners and young students. There are also keyboard and multi-frame percussion instruments that incorporate concert percussion technology and have been optimized for marching applications.

FINISHES

《9300,8300 SERIES》

▶ Wrap Finishes

Enhanced durability is achieved by using a PVC wrap for shell coloring. The wrap also subdues superfluous overtones, resulting in a clean, soft tone.



White [WH]

▶ Lacquer Finishes

Since no PVC wrap is applied, the shell can vibrate freely for a bright, clear tone.



Red Forest [RF]



Blue Forest [BU]



Black Forest [BF]

《6300,4300 SERIES》

▶ Wrap Finishes

Enhanced durability is achieved by using a PVC wrap for shell coloring. The wrap also subdues superfluous overtones, resulting in a clean, soft tone.



White [WH]



Festive Red [FR]

SHELLS

Materials carefully chosen for superior sonic properties, advanced shell forming technology, and a manufacturing process that is designed to ensure perfect roundness all contribute to excellent sound and response. Yamaha continues to be dedicated to the pursuit and production of outstanding musical tone.

"AIR-SEAL SYSTEM" TECHNOLOGY

Introduced by Yamaha 50 Years Ago

Shells and hoops are constructed using Yamaha's original Air-Seal System. Air pressure is used to achieve uniform thickness and roundness that is as close as possible to perfect, for excellent tone and durability.

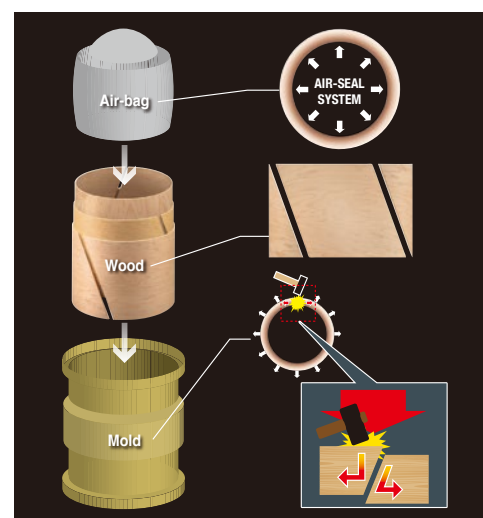
The ply material is cut into parallelograms

The ply material is cut into parallelogram sections and hammered into the outer form. Because the edges run at an angle, outward pressure is uniform and optimum roundness is achieved. Multiple plies are fitted into the form while taking care that the edges do not overlap.

Air-bag forming

An Air-bag is inserted into the form, inside the plies, and inflated to apply even pressure all around.

All Yamaha concert and marching drums are manufactured using this process.



MICROWAVE HEATING

Microwave Heating

A special microwave oven efficiently heats only the water content of the adhesive used on the shell plies without damaging the wood or causing deformation, thus maintain precise roundness and uniform thickness. The combination of Yamaha's Air-Seal System and this heating method produces drum shells of consistently high quality.

9300 Series

Snare Drums

MS-9313/MS-9314/MSS-9314

The MS-9300 Series has been created on the basis of experience and an enviable track record at some of the world's top fields. New features include maple shells and a design that allows high-tension tuning.



MS-9313
White [WH]

MS-9314
White [WH]

MSS-9314
White [WH]

Maple Shells

Maple, performance proven through the DCI championships, has been chosen for the shells. Original Yamaha high-pressure Air-Seal System shell forming technology creates maple shells that exhibit sharp attack and wide dynamic range for complex, expressive sound.



Head

A Yamaha Remo White Max top head is supplied as standard, providing a sound that is dry while being solid and powerful.

Aluminum Insert Ring

An aluminum ring on the inner surface of the shell supports high-tension tuning of the snare head.

Models	Sizes	Shells	Bolts	Batter/Bottom Heads	Weight
MS-9313	13"×11"	Maple	10	Yamaha Remo White Max /	7.1kg
MS-9314	14"×12"			Yamaha Remo Falams Snare Side	8.1kg
MSS-9314	14"×9"	6-ply	12	Yamaha Remo Falams Snare Side	7.2kg

- Compatible with MSH-9150(S), MSH-8250 carriers.
- Tuning key is included.

Snare Drums

MS-9314CH/MSS-9314CH

A chrome finish is provided on MS-9314 and MSS-9314 hoops, suspension rings, tube lugs, sound posts, and other hardware, adding elegant visual appeal as well as durability.



MS-9314CH
White [WH]

MSS-9314CH
White [WH]

Models	Sizes	Shells	Bolts	Batter/Bottom Heads	Hardware	Weight
MS-9314CH	14"×12"	Maple	12	Yamaha Remo White Max /	Chrome Plated	8.1kg
MSS-9314CH	14"×9"	6-ply		Yamaha Remo Falams Snare Side	Aluminum Alloy	7.2kg

- Compatible with MSH-9150(S), MSH-8250 carriers.
- Tuning key is included.

8300 Series

Bass Drums

MB-8314 - 8332

The MB-8300 Series features maple shells and a consistent 14" shell depth throughout the lineup, adding solid power and presence to the bass line.



Models	Sizes	Shells	Bolts	Heads	Weight
MB-8314	14"×14"	Maple 7-ply	8	Yamaha Remo Power Max	6.5kg
MB-8316	16"×14"				6.9kg
MB-8318	18"×14"				7.3kg
MB-8320	20"×14"				8.3kg
MB-8322	22"×14"	10	10		8.7kg
MB-8324	24"×14"				9.1kg
MB-8326	26"×14"				9.5kg
MB-8328	28"×14"				10.0kg
MB-8330	30"×14"				10.9kg
MB-8332	32"×14"				11.5kg

- Compatible with MBH-915(S), MBH-825 carriers.
- Tuning key is included.
- MB-8328/8330/8332 heads are sold separately in some regions.

Shell Design



All shells in the MB-8300 Series are maple, and all have a 14" depth. Air hole size and location has been individually optimized for each drum size. Ample power and punchy bass is provided in relatively slim shells that are manageable and mobile.



Reinforced Tension Bolts

Specially processed tension bolts provide increased strength that can easily handle high tension tuning.



Heads

The supplied heads feature internal ring mutes that control resonance while delivering solid bass to the audience.

Toms

QD-8313/QT-8313/ST-8313

The 8300 Series features a new design with an extra deep cut as well as support for high-tension tuning.



QD-8313
White [WH]



High Tension Tuning Supported

In addition to an aluminum insert ring inside the shell (on all except the 6" model), large washers are provided below the lugs to allow high-tension tuning. Shell deformation is prevented, and pitch remains stable.



Deep Cut

The shell is notably deeper than normal, for stunning power and projection.

Ultra Hoop

2.3mm steel Ultra Hoop with unique inward profile helps to protect the bearing edge from mallet sweeps.



Heads

This head is an ideal choice for high tension tuning, bringing out the full resonance of the shell.



QT-8313
White [WH]

ST-8313
White [WH]

Types	Models	Sizes	Shells	Heads	Weight
Quad	QD-8313	8"×10"×12"×13"	Maple 6-ply	Yamaha Remo	11.2kg
Quint	QT-8313	6"×8"×10"×12"×13"		Clear Pinstripe	11.7kg
Sextet	ST-8313	6"×6"×8"×10"×12"×13"		Climplock	12.2kg

- Compatible with MTH-910(S), MTH-825 carriers.
- Tuning key is included.
- The interior shell finishes of the White and Natural Gloss models are natural. All other models have black interior finishes.

6300 Series

Snare Drums

MS-6313/MS-6314

Lighter and better sounding than ever, these models feature birch ply shells and straight cable snares that contribute to wide dynamic range and richly nuanced tone.

Straight Cable Strainer

The straight cable strainer delivers a more musical snare sound with a wider range of expression.



MS-6313
White [WH]

MS-6314
Festive Red [FR]

Models	Sizes	Shells	Bolts	Batter/Bottom Heads	Weight
MS-6313	13"×11"	Birch Ply	8	Yamaha Remo UT C3 /	4.4kg
MS-6314	14"×12"	6-ply	10	Yamaha Remo UT Snare Ambassador	5.1kg

- Compatible with MSH-9150(S), MSH-8250, MSH-420 carriers.
- Tuning key and ring mute are included.

Bass Drums

MB-6316 - 6326

Internal mutes are just one of the features that add up to solid sound with reduced weight. The lineup includes six sizes to meet the needs of just about any band.



Heads with Ring Mute

Heads incorporate a ring mute on the inner surface of the head to eliminate unwanted overtones and deliver greater sustain. (MB-6300/4000 Series)



MB-6316~6326
White [WH]

Models	Sizes	Shells	Bolts	Heads	Weight
MB-6316	16"×13"				6.2kg
MB-6318	18"×13"				6.7kg
MB-6320	20"×13"	Birch Ply	8	Yamaha Remo UT	7.2kg
MB-6322	22"×13"	6-ply		Power Stroke	7.8kg
MB-6324	24"×13"				8.2kg
MB-6326	26"×13"		10		9.4kg

- Compatible with MBH-915(S), MBH-825, MBH-425 carriers.
- Tuning key is included.



QD-6312
Festive Red [FR]

QD-6313
White [WH]

Toms

QD-6312/QD-6313

The Super Projection Cut helps to achieve extraordinary projection and a high-pitch sound.

Types	Models	Sizes	Shells	Heads	Weight
Quad	QD-6312	6"+8"+10"+12"	Birch Ply	Yamaha Remo UT	6.6kg
	QD-6313	8"+10"+12"+13"	6-ply	Batter Ambassador	7.9kg

- Compatible with MTH-6200, MTH-420 carriers.
- Tuning key is included.

4000 Series

Snare Drums

MS-4012/MS-4013

Tenor Drums

MT-4012/MT-4013

Birch shells deliver outstanding tone indoors or out. A choice of 12" and 13" models makes it easy to accommodate the stature of any young player.

Types	Models	Sizes	Shells	Bolts	Batter/Bottom Heads	Weight
Snare Drums	MS-4012	12"×10"	Birch Ply	6	Yamaha Remo UT C3 /	3.2kg
	MS-4013	13"×10"		8	Yamaha Remo UT Snare Ambassador	3.6kg
Tenor Drums	MT-4012	12"×10"	4-ply	6	Yamaha Remo UT C3 /	3.0kg
	MT-4013	13"×10"		8	Yamaha Remo UT Batter Ambassador	3.3kg

- Compatible with MSH-420 carriers.
- Tuning key and ring mute are included.



MS-4012
Festive Red [FR]



MT-4013
White [WH]



Snare Stand SS662

The ideal stand for a 12" snare.

- Height : 43-62cm

Bass Drums

MB-4016 - 4026

These entry models feature internal mutes that are similar to those in the MB-6300 series, offering an excellent balance of light weight and outstanding sound.



Models	Sizes	Shells	Bolts	Heads	Weight
MB-4016	16"×10"	Birch Ply	6	Yamaha Remo UT Power Stroke	4.2kg
MB-4018	18"×10"				4.5kg
MB-4020	20"×10"	4-ply	8	Yamaha Remo UT Power Stroke	5.0kg
MB-4022	22"×10"				5.8kg
MB-4024	24"×10"				6.1kg
MB-4026	26"×12"				7.0kg

MB-4016 - 4026
White [WH]

- Compatible with MBH-425 carriers.
- Tuning key is included.

Trio

TR-4012

The same Super Projection Cut as in the high-end models achieves superb projection.

Types	Models	Sizes	Shells	Heads	Weight
Trio	TR-4012	8"×10"×12"	Birch Ply 4-ply	Yamaha Remo UT Batter Ambassador	4.3kg

- Compatible with MTH-420 carriers.
- Tuning key is included.



TR-4012
Festive Red [FR]

Keyboard Percussion

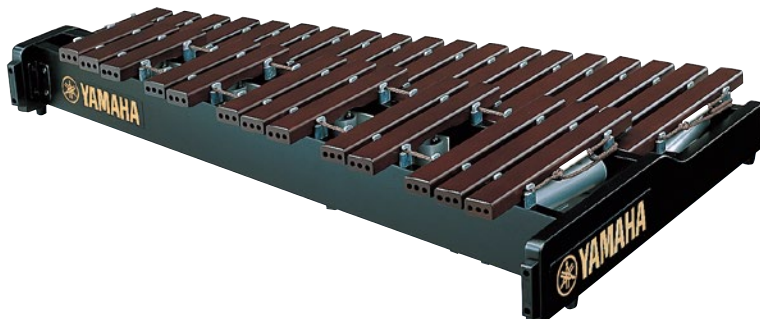
Not available in some regions.

Xylophones

MXL-32AF

F57 - C88 (2 1/2 octaves)

Ample volume and deep, clear tone in a compact instrument. The MXL-32AF bars feature an Acoustalon™ (FRP) material that maintains accurate pitch in the face of changing temperature and humidity.



Models	Bars	Bar Thickness	Bar Size	Weight	Compatible Carriers
MXL-32AF	Acoustalon (FRP)	18mm	33mm	8.7kg	MKH-8200, MKH-4200

• Mallet (ME-10W) and resonators are included.

Bells

MBL-832A

F57 - C88 (2 1/2 octaves)

High-strength aluminum alloy tone bars are shot blasted and finished in Alumite, resulting in clear, well-defined tone. As in our concert glockenspiel, contact between the bars and suspension strings is reduced to a minimum to ensure full resonance.



Bells

MBL-32A

F57 - C88 (2 1/2 octaves)

High-strength aluminum alloy bars in an instrument ideally proportioned for marching.



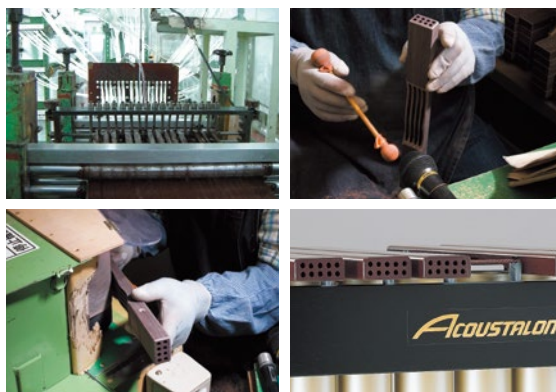
Models	Bars	Finish	Bar Thickness	Bar Size	Weight	Compatible Carriers
MBL-832A	Aluminum Alloy	Satin Finish	10.3mm	32.0mm	7.5kg	MKH-8200, MKH-4200
MBL-32A	Aluminum Alloy	Mirror Finish	8.3mm	27.7mm	4.5kg	MKH-8200, MKH-4200

• Mallet (ME-10W) is included.

Acoustalon™ FRP Material Replaces Endangered Woods and is Ideal for Outdoor Use

To develop materials that can effectively replace rosewood and other rare woods, Yamaha engineers employed an advanced finite element method (FEM)* to analyze the resonance characteristics of traditional marimba and xylophone bars. The result was Acoustalon™ FRP, an innovative material that has been used in instruments since 1985. FRP (Fiber Reinforced Plastic) is a composite in which glass fibers are embedded in a plastic resin. By arranging the fibers like the grain in natural wood it is possible to achieve tone and response that are similar to rosewood.

Acoustalon™ has allowed Yamaha to reduce the amount of rare wood used in musical instruments. Acoustalon™ offers some significant advantages too. It is not affected as much by changes in temperature and humidity that can negatively affect the sonic characteristics of natural wood. This stability is particularly important for outdoor performances, ensuring that consistent pitch and tone are maintained under strong sunlight or cloudy skies. Yamaha continues to design instruments using traditional materials while simultaneously working to develop new materials that have equal musical potential. The goal is to protect our endangered species while offering musical instruments of the highest quality.



* Finite element method (FEM) or finite element analysis (FEA) is a numerical technique used for analyzing structure and strength characteristics.

Drum Stands

Not available in some regions.

Snare Stand
MSS-810A



Bass Stand
MBS-810A



Tom Stand
MTS-810B



Tom Stand
MTS-410A



Models	Size	Compatible Models	Weight
MSS-810A	ℓ=470-720mm	Marching Snare and Tenor Drums(13" and 14")	3.9kg
MBS-810A	ℓ=740-1090mm	MB-8300/6300/4000 Series	5.7kg
MTS-810B	ℓ=710-810mm	QD/QT/ST-8313, QD-6300 Series*	4.8kg
MTS-410A	ℓ=620-790mm	QD-6300, TR-4000 Series	2.5kg

* A separate MTH-6200 attachment is required for use with QD-6300 Series.

Carriers

9500 Series

Our designers have implemented feedback from countless user interviews in products designed to provide ultimate ease of use. High quality washable pads and waist belts improve fit and comfort, while refined adjustment mechanisms provide new setup freedom. The new models are finished in black and can be worn over uniforms without detracting from their visual impact.

Snare/Tenor Carriers

Models	Size	Compatible Models	Weight
MSH-9500	ℓ=530 - 640mm	MS(MSS)-9000 Series MS-6300,600 Series *	3.6kg
MSH-9500S	ℓ=440- 550mm	MS/MT-4000 Series * MS-800 Series *	3.4kg
MSH-420	ℓ=446 - 598mm	MS-4000, MT-4000 MS-6300 Series	1.8kg

* An optional MSAT-600 is required for use with MS-6300,600,800, MS/MT-4000 Series. Refer to the "MSAT-600 Tongue Plate for MSH-9500" on page 13.



Bass Carriers

Models	Size	Compatible Models	Weight
MBH-9500	ℓ=530- 640mm	MB-8300,800 Series MB-6300,600 Series	2.9kg
MBH-9500S	ℓ=440- 550mm	MB-4000 MB-6300 Series	2.8kg
MBH-425	ℓ=446- 598mm	MB-4000 MB-6300 Series	1.8kg



Tom Carriers

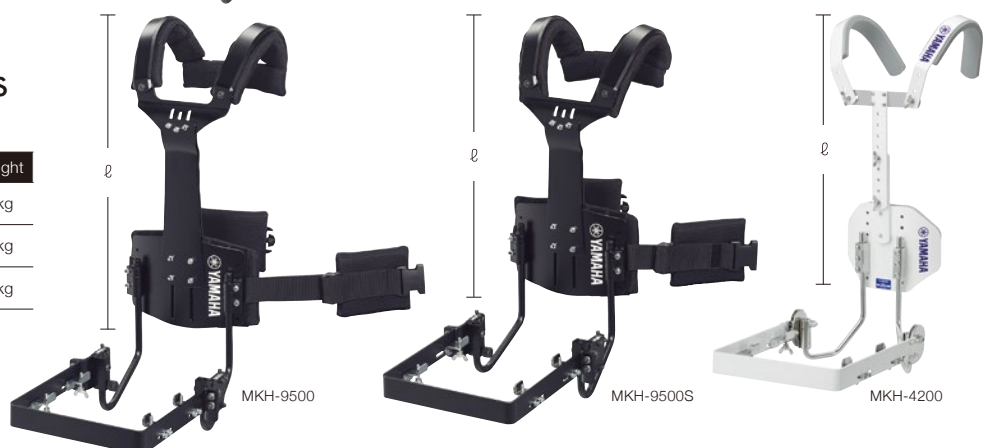
Models	Size	Compatible Models	Weight
MTH-9500	ℓ=530- 640mm	QD/QT/ST- 8300,8130,813F Series *	2.9kg
MTH-9500S	ℓ=440- 550mm	QD-6300 Series *	2.8kg
MTH-420	ℓ=446- 598mm	TR-4000, QD-6300 Series	1.8kg

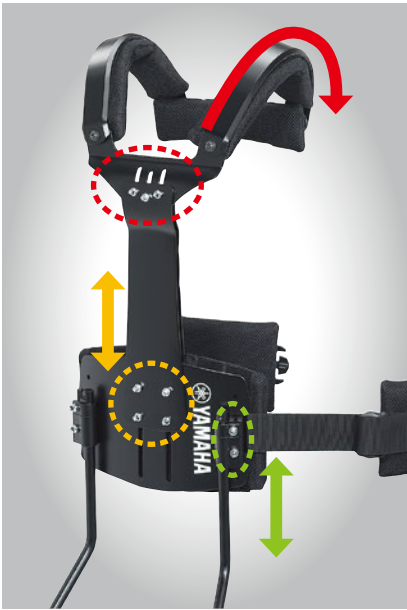
* Attachment assy multi tom set1 is required for use with old multi tom. Refer to the "Changes to Related Products for MTH-9500 Compatibility" on page 13.



Bell/Xylophone Carriers

Models	Size	Compatible Models	Weight
MKH-9500	ℓ=530- 640mm	MBL-32A/832A MXL-32AF	4.1kg
MKH-9500S	ℓ=440- 550mm	MBL-32A/832A MXL-32AF	4.0kg
MKH-4200	ℓ=446- 598mm	MBL-32A/832A MXL-32AF	3.5kg





Adjustment features

Adjustment mechanisms provided for the belly plate, chest plate, and arm attachment sections make it easy to achieve an optimum fit for users with a wide range of body shapes, while also allowing easy adjustment of instrument height to suit personal preference and maximize playability.



High-performance pads

To improve fit and comfort the belly pad, shoulder pads, and waist belt employ a high-resilience pad material. With high reliability and minimal degradation over time, plus excellent antibacterial properties, this same material is used for medical applications where quality is critical. Hook-and-loop fasteners allow easy removal and reattachment for laundering at home.



Waist belt with quick-action buckle

In addition to being supported on the player's shoulders, a waist belt that adds extra support and stability is provided. The instrument is stably held to ensure consistent playability even through dynamic marching and dance moves. The belt and pads significantly reduce stress on the user's body, reducing fatigue during long practice sessions and performances. A central quick-action buckle makes attachment and detachment easy, and hook-and-loop fasteners are provided to secure excess belt material during use.



Aluminum arms

New aluminum arms replace the conventional iron types, for a significant reduction in weight. To ensure ample strength for a range of instruments, arm diameter has been increased by 2 mm from the previous model to 14mm.

Slide attachment
(Instrument-side)



"MSAT-600" Tongue Plate for MSH-9500

The MSH-9500 can be used with MS-6300/MS-4000/MS-2000 series instruments that do not have long tubes via an optional MSAT-600 tongue plate secured to the MSH-9500 attachment with the supplied screws. A standard screwdriver is required for installation.



"MBARMHP-1418" High Position Arms for MBH-9500

These high position arms allow small 14" to 18" bass drums to be mounted higher on the carrier so that the playing position is closer to the player's face.



Current



Old

Changes to Related Products for MTH-9500 Compatibility

Some specification changes to related products have been required to match the updated specifications of the MTH-9500. The rod receivers on the Multi-Tom attachment has been modified to accept the larger diameter of the MTH-9500 rods. The following part will be required for old Multi-Tom users who wish to use their instrument with a new carrier.
Part name: Attachment assy multi tom set1
Part number: ZY417800 (left/right set)



Instrument angle adjustment screw (MSH, MKH)

In previous models it was necessary to remove the instrument from the carrier in order to change its angle. In the new model an adjustment screw allows the angle of the playing surface to be adjusted as required while the instrument remains attached to the carrier.



Memory clamps

Once the angle and height of the arms are set as required, the memory clamps retain those settings even when the arms are folded for storage. Ideal angle and height can be quickly restored the next time the carrier is used. It is also easy to adjust height even after the arm angles have been set.

Multi-Frame Percussion

Not available in some regions.

Marimbas

YMRD-2400 **SPECIAL ORDER**

A25 - C79 (4 1/3 octaves)



RD-2400 **SPECIAL ORDER**

* Separate YMRD-2400 frame.



Models	Bars	Bar Thickness	Bar Size	Height	Casters
YMRD-2400	Acoustalon (FRP)	23mm	38-58mm	89-104cm(Gas Spring System)	φ150mm

RDC-10 (4 pieces) are included.

Models	Height	Casters
RD-2400	89-104cm(Gas Spring System)	φ150mm

Xylophones

YX-500FT **SPECIAL ORDER**

F45 - C88 (3 1/2 octaves)



RD-500 **SPECIAL ORDER**



Models	Bars	Bar Thickness	Bar Size	Casters
YX-500FT	Acoustalon (FRP)	23mm	38mm	φ150mm

Models	Height	Casters
RD-500	85-100cm(Gas Spring System)	φ150mm

RDC-10 (4 pieces) are included.

The photo shows the YX-500FT mounted on the RD-500.

Vibraphones

YVRD-2700/2700G **SPECIAL ORDER**

F33 - F69 (3 octaves)



YVRD-2700G

Models	Bars	Bar Thickness	Bar Size	Height	Casters
YVRD-2700	Silver Satin Finish Aluminum Alloy	13mm	39-57	81-96cm (Gas Spring System)	φ150mm
YVRD-2700G	Gold Mirror Finish Aluminium Alloy		mm		

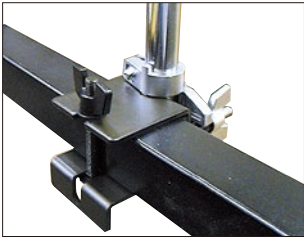
RDC-10(4pieces) are included.

Multi-frame Percussion Clamp

RDC-10 **SPECIAL ORDER**

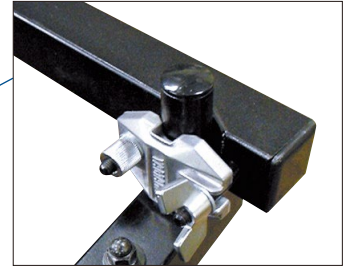


YMRD-2400 Features



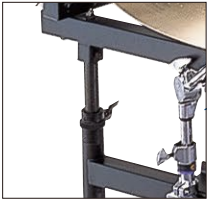
Multi-Frame Percussion Clamp RDC-10

Specifically designed to clamp securely to a square cross-section.



Easy Assembly

The rack is a simple structure consisting of just four components: the left and right legs, brace, and rack pipe (for attaching optional instruments). The whole assembly goes together quickly and easily with clamps.



Gas Spring Height Adjustment

Gas spring assisted height adjustment is extremely smooth. A 15-centimeter adjustment range makes it easy to set the most comfortable height.



Add Optional Instruments

Optional instruments can be attached not only to the audience side of the frame, but to the right and left sides as well for extra setup flexibility.



Rugged Design

The legs and support structure have been built for maximum strength, and a design that encloses the instrument protects the instrument's vital bars and pipes.



Large Casters

Large casters with a diameter of 150 millimeters enhance portability. Double stoppers prevent unwanted movement.

RD-500 Features

This stable rack is easy to assemble. It also allows flexible setup, and can even be used as a tom-tom rack if required.





MARCHING BRASS

Yamaha marching brass instruments have long been favorites with world-class bands, including DCI (Drum Corps International) champions. Specifications and quality have been refined to a high level through repeated field tests at actual competitions, resulting in instruments that offer everything leading bands need to perform at their very best. Yamaha wind instrument manufacturing expertise is behind brass instruments that bring extraordinary tone together with lightweight comfort and balance. Quite simply: unrivalled sound and playability.

Marching Brass



YMP-204MS

Mellophones
YMP-204MS/204M



YHR-302MS

French Horns
YHR-302MS/302M



YBH-301MS

Baritones
YBH-301MS/301M



YEP-201MS

Convertible Euphoniums
YEP-201MS/201M



YEP-202MS

Euphoniums
YEP-202MS/202M

	Models	Key	Valves	Bore Size	Bell Size	Material	Finish	Weight	Length	Mouthpiece
Mellophones	YMP-204MS	F		11.73mm	268.5mm		Silver-plated	1.6kg	438mm	MP-14F4
	YMP-204M			11.73mm	268.5mm		Clear Lacquer	1.6kg		
French Horns	YHR-302MS			12.0mm	257mm		Silver-plated	1.6kg	471mm	HR-30C4
	YHR-302M			12.0mm	257mm		Clear Lacquer	1.6kg		
Baritones	YBH-301MS	3 Pistons		14.5mm	254mm	Yellow Brass	Silver-plated	2.5kg	501mm	SL-48L
	YBH-301M			14.5mm	254mm		Clear Lacquer	2.5kg		
Euphoniums	YEP-201MS	B ^b		14.5mm	280mm		Silver-plated	3.5kg	662mm	SL-48S
	YEP-201M			14.5mm	280mm		Clear Lacquer	3.5kg		
	YEP-202MS			14.5mm	300mm		Silver-plated	3.3kg	602mm	SL-51L
	YEP-202M			14.5mm	300mm		Clear Lacquer	3.3kg		



YBB-105MS

Convertible BB[♭] Tubas
YBB-105MS/105M



YBB-201MS

Convertible BB[♭] Tubas
YBB-201MS/201M



YBB-202MS

BB[♭] Tubas
YBB-202MS/202M

Models	Key	Valves	Bore Size	Bell Size	Material	Finish	Weight	Length	Mouthpiece
YBB-105MS	BB [♭]	Vertical 3 Pistons	16.8mm	366mm	Silver-plated	6.2kg	827mm	BB-67	
YBB-105M			16.8mm	366mm					Clear Lacquer
YBB-201MS			18.5mm	443mm	Silver-plated	9.0kg	1,018mm	BB-67C4	
YBB-201M			18.5mm	443mm	Clear Lacquer	9.0kg			
YBB-202MS			18.5mm	500mm	Silver-plated	9.3kg	1,052mm	BB-67C4	
YBB-202M			18.5mm	500mm	Clear Lacquer	9.3kg			



YSH-301



YSH-411S

Sousaphones YSH-301/301S

Sousaphones YSH-411S/411

	Models	Key	Valves	Bore Size	Bell Size	Material	Finish	Weight	Mouthpiece
Sousaphones	YSH-301	BB ^b	3 Pistons	18.5mm	663mm	ABS Resin Bell, FRP Body	Clear Lacquer (Slides, Valve Casing and Leadpipe)	9.1kg	BB-67C4
	YSH-301S			18.5mm	663mm		Silver-plated (Slides, Valve Casing and Leadpipe)	9.1kg	
	YSH-411S			18.5mm	660mm	Yellow Brass	Silver-plated	12.5kg	
	YSH-411			18.5mm	660mm		Clear Lacquer	12.5kg	

A Lead-Free Future with Yamaha Wind Instruments

Yamaha wind instruments except gold flutes are constructed using 100% lead-free solder.

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 are subject to change without notice.
- Colors shown in this catalog may not be represented exactly as the original colors due to printing process involved.
- Some models are not available in some regions. Please contact your dealers for more information.

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