



Band & Orchestral Division



Sales Manual

Saxophones

■ Content

3	Introduction
4/5	Yamaha's unique strengths
6	Saxophone Introduction
7	Student Saxophones YAS/YTS-280
8	Intermediate Saxophones YAS/YTS-480
9	Introduction YAS/YTS-62 and YAS/YTS-82Z NEW
10/11	Professional Saxophones YAS/YTS-62 NEW
12/13	Custom Z Saxophones YAS/YTS-82Z NEW
14/15	Custom EX Saxophones YAS/YTS-875EX
16	Custom Saxophone Necks
17	Intermediate Soprano Saxophone YSS-475II
18	Custom Z Soprano Saxophones YSS-82Z
19	Custom EX Soprano Saxophones YSS-875EX
20	Intermediate and Professional Baritone Saxophones YBS-32/YBS-62E
21	Glossary

■ Introduction

You'll find Yamaha instruments in the hands of musicians of all ages and levels all over the world.

Whether we are making a professional level instrument or a student model, the aim is to provide the musician with an instrument that sounds and plays as well as possible, is reliable, and is good for both the user and the environment.

Much like making music, crafting instruments is an art that requires dedication and a passion for perfection.

Through our art, we bring the instrument to form, through the musician's art, that form comes to life.

We take great pride in passing our art to musicians young and old, and watching them mature and bloom with the products we make.



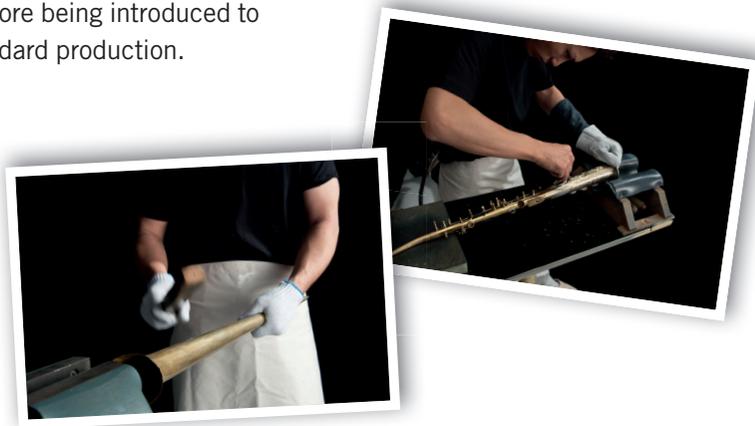
Yamaha's unique strengths

■ Research & Development

Research and development is at the heart of Yamaha's musical instrument making and as a result, Yamaha holds thousands of both domestic and international patents.

Many of these patents were developed in Yamaha's Worldwide network of Ateliers where professional players and craftsmen come together to develop new ways to improve instruments.

These developments are then tried and tested before being introduced to Yamaha's standard production.



■ Dedicated Designers

Yamaha is the only wind instrument maker that maintains a complete staff of experienced, full-time designers for each individual wind instrument.

In close collaboration with many of the greatest musicians in the World, the ideas and insights we receive are incorporated into every instrument we make, from a piccolo to a tuba.

■ Tradition & Technology

Since building its first instrument in 1887, Yamaha has been committed to supporting total musical excellence in every instrument made.

This philosophy is applied throughout the Yamaha Corporation and embraces manufacturing facilities around the globe.

Over the years Yamaha have developed many new manufacturing processes.

Yamaha combines these new technologies with its knowledge of traditional craftsmanship and ensures that Yamaha instruments are not only made to the highest possible standards, but also maintain the 'soul' that only hand-crafting can impart on the instrument.

■ Artists

Played by many of the World's leading musicians, Yamaha instruments can be heard in some of the most prestigious venues and concert halls.

Yamaha is in a unique position to be able to work very closely with artists from all corners of the World and in 1978, Yamaha opened its first Atelier in Tokyo.

Since then it has opened Ateliers in New York, Los Angeles, Hamburg and Vienna giving Yamaha a global platform from which to collaborate with its artists.

Over the years, some of Yamaha's most significant developments have come from the musicians who play its instruments.

This very special two-way relationship allows Yamaha to have constant feedback and advice and means that Yamaha are constantly improving and developing its instruments.

■ Education

Yamaha's educational activities include a number of ground-breaking initiatives aimed at supporting and ensuring music continues to enrich people's lives long into the future.

One of the most innovative activities of recent years is Yamaha ClassBand where a school class becomes a symphonic wind band. An experience enjoyed by secondary school students, there are over 1,300 ClassBands to date with students learning to play an orchestral wind instrument within their normal class.

Alongside of this, Yamaha Music Schools are well established as promoting the enjoyment of making music together in a group with more than 5,000,000 students starting their musical life at a Yamaha Music School.

The continuation of support as musicians progress is also an important part of Yamaha's philosophy and the Yamaha Music Foundation of Europe is the perfect

example of this. Providing scholarships to students in higher education, this programme helps to support musicians as they continue their studies at Conservatories and Universities across Europe.

No other manufacturer does more than Yamaha to promote music through education. And no other company is more committed to excellence.



■ Support

Yamaha proudly supports a number of initiatives throughout the World to help promote music making.

Whether it is helping students take their first musical breath or by supplying a concert marimba for the World Marimba Competition, encouraging and supporting music making is one of Yamaha's highest priorities and something that is an integral part of the way Yamaha works.

Yamaha has many partners and works with both established organisations such as the European Brass Band Association and the European Union Youth Orchestra as well as young talented musicians who are just starting their musical journey.

This is at the heart of Yamaha's philosophy and something that epitomises Yamaha's commitment to music.

■ Environment

The future of our children depends upon how we treat the World today. That is why we spend time considering how we can manufacture our instruments in an ethical and environmentally friendly way.

For example, the Yamaha Corporation continues to develop its reforestation initiative, the "Yamaha Forest". Now entering the 2nd phase, in the first 5 years 115,110 saplings over 127 hectares were planted with a further 14,000 saplings of 18 different varieties of trees to be planted in 2012.

Alongside of this commitment, Yamaha also pioneered the use of lead free solder in wind instruments. This was a major breakthrough in the manufacture of brass and woodwind instruments and enabled Yamaha to remove the use of potentially hazardous elements from production.

All of this is part of Yamaha's on-going commitment to the environment.

LEAD FREE SOLDER

Introduction to Yamaha saxophones

Yamaha has a reputation for making some of the world's finest saxophones. With a range of saxophones that can take players from their very first musical breath right through to their performances in some of the most famous jazz venues and concert halls in the world, Yamaha saxophones can take you places.

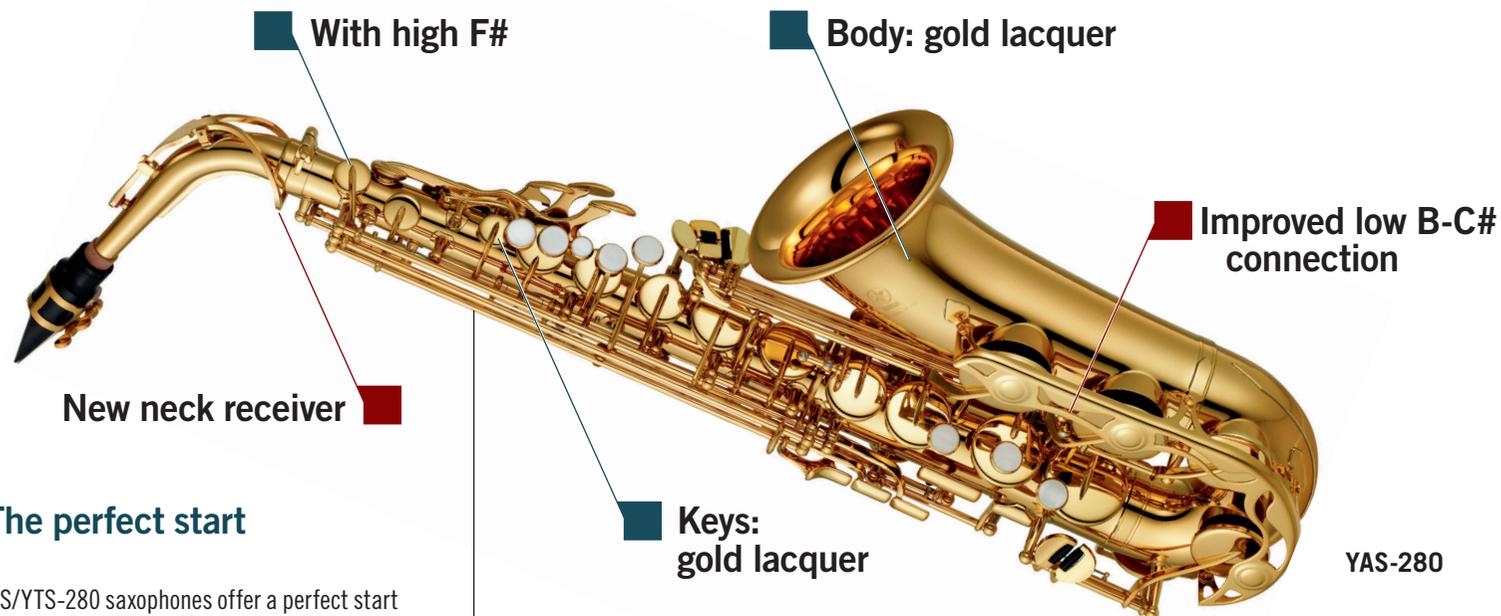
Yamaha's global R&D network is an integral part of the development process. Giving the company a platform from which to discuss with artists around the world, this network gives the development team the ability to listen to what is needed by today's musicians.

From here, the designs come to life in the hands of skilled craftspeople who deliver some of the best instruments in the world.

Like most Yamaha instruments, the saxophone range benefits from a number of technological developments during manufacturing, however, Yamaha still find the best way to get some jobs done is by hand. Whether it is a Custom or a student model, constant contact with the instrument is of paramount importance to ensuring that the instrument produced is of the highest quality.

Student Saxophones

YAS/YTS-280



YAS-280

YTS-280

The perfect start

The YAS/YTS-280 saxophones offer a perfect start because they are designed with the young beginner in mind. Relatively light-weight and ergonomically shaped, they are easy to hold and to play. The intonation is perfect, as you would expect from Yamaha, and it is easy to get a great sound. The Yamaha design offers beginners optimum support, thus greatly assisting both learning progress and creativity.

Based on the highly recommended YAS/YTS-275 saxophones the new YAS/YTS-280 are even further enhanced with a new, more stable neck receiver and a new low B-C# connection for better adjustment.

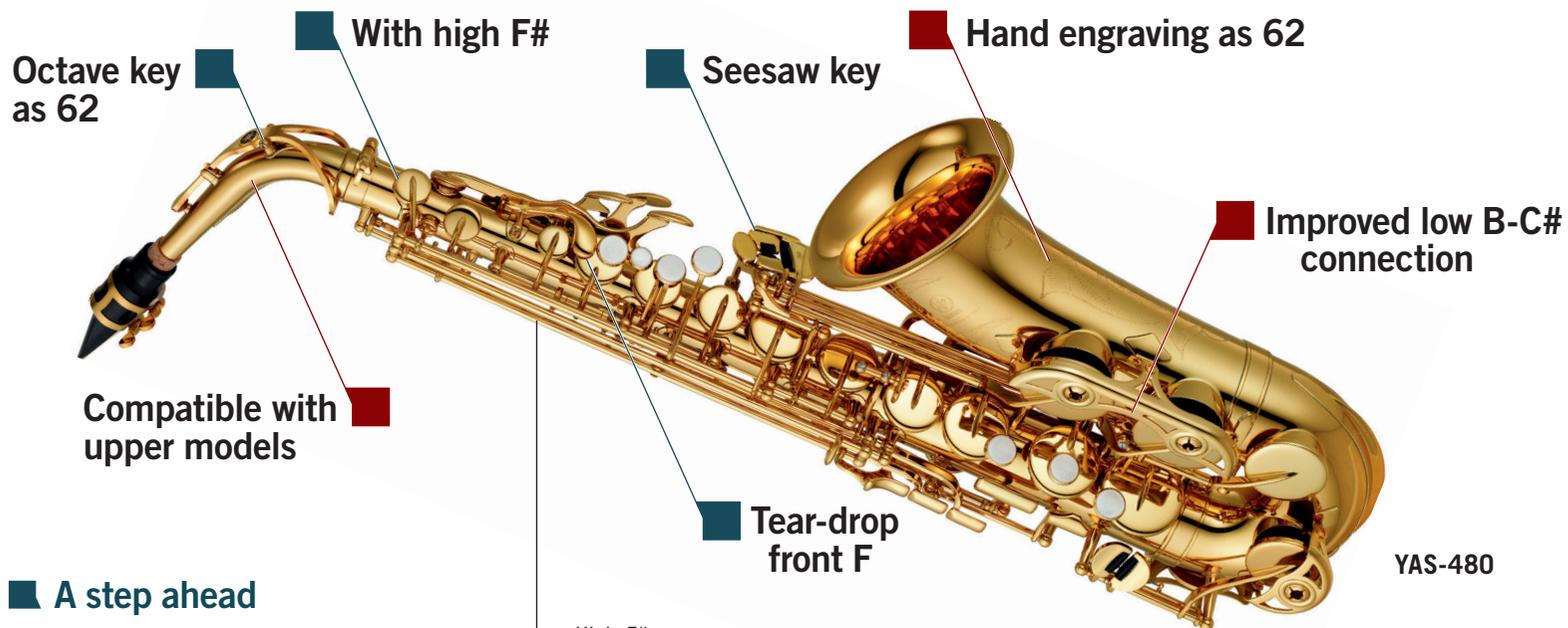
- High-F#
- Front-F
- Adjustable thumb hook
- Keys gold lacquered
- Body gold lacquered
- New neck receiver (475 style)
- Improved low B/C# connection
- 4C mouthpiece
- Silver plated (YAS/YTS-280S)
- Case: ASC/TSC-200EII light case (back pack style)

What's new

Old Model	Specification	New Model	Advantage
275	Neck receiver	280	
Small neck receiver	Neck receiver	475 style neck receiver	More stable, screw is more robust, set-up is more comfortable
Current low B/C# connection	Low B/C# connection	Improved low B/C# connection with longer arm	Fingering remains the same but the new connection has a longer lever and keeps adjustment more stable. Improved response of lower notes.

Intermediate Saxophones

YAS/YTS-480



YAS-480

YTS-480

A step ahead

The YAS/YTS-480 saxophones are a step ahead. With a little bit more resistance, they have an authoritative sound yet a great flexibility due to the separated key guards. Ergonomics, playability and intonation are excellent as you would expect from Yamaha.

Based on the popular YAS/YTS-475 the new YAS/YTS-480 saxophones feature an improved low B-C# connection for better adjustment while the new octave key (from the 62 Series) facilitates the use of custom necks.

- High-F#
- Front-F in tear-drop style
- **Seesaw mechanism**
- Keys gold lacquered
- Body gold lacquered
- **New octave key**
(like 62, compatible with upper models)
- Improved low B-C# connection
- 4C mouthpiece
- Silver plated (YAS/YTS-480S)
- Case: ASC/TSC-400EII light case (back pack style)

What's new

Old Model	Specification	New Model	Advantage
475	Low B/C# connection	480	
Current low B/C# connection	Low B/C# connection	Improved low B/C# connection with longer arm	Fingering remains the same but the new connection has a longer lever and keeps adjustment more stable. Improved response of lower notes.
Current octave key system	Octave key system	62 octave key system	Allows for use of Custom necks
Simple decoration	Engraving	Hand-engraved	Enhanced aesthetics

■ Introducing the new 62 and 82Z series ...

After rigorous testing with artists from around the world, Yamaha have managed to implement a number of significant new specifications that enhance the sound and feel for players. Both the new 62 and new 82Z have had some great new features added to improve these already well received instruments.

The 62 series has a new low B-C# connection added whilst also benefitting from a new neck, new engraving design and new case, all of which really add to the overall feel, sound and look of this versatile instrument.

Building upon its excellent reputation amongst professional musicians, the new alto and tenor 82Z have had a number of new specifications added to improve the playability and sound of these great instruments.

The new neck, low B-C# connection, a new light-weight thumb hook and rest, adjustable front F, metal resonator pads and a new one piece hand hammered bell, all combine to create an instrument that has excellent playability throughout the range whilst giving players the flexibility to create their own individual sound and feel.

Key Advantages

■ New Sound Concepts

With a more open sound than the previous model, the new 62 series is more flexible and gives players excellent control throughout the range.

The new 82Z has an expressive sound with a more solid core which has come as a result of the hand hammered bell.

■ New Low B – Low C# Connection

The improved low B – low C# connection ensures that the low C# closes securely. This gives players real confidence when playing in lower registers.

■ New Necks

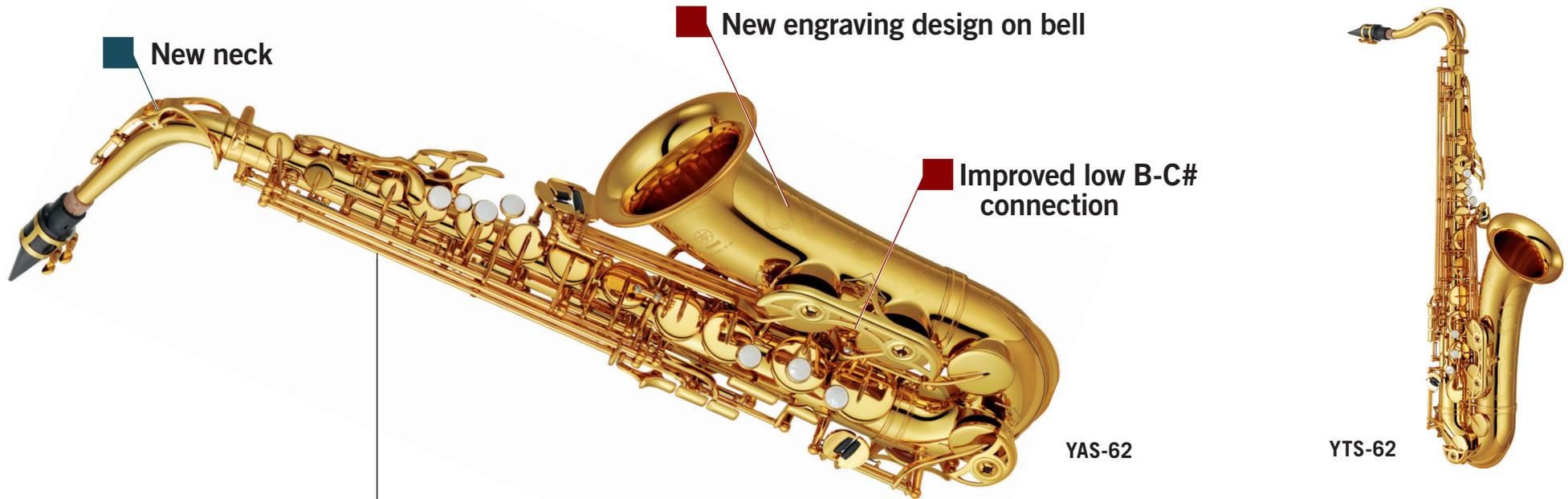
The neck on the **YAS 62 & YTS 62** has been improved for a faster response, excellent control and a more comfortable feel. The new **YAS 82Z & YTS 82Z** now features the V1 neck. This neck helps to create a more expressive 82Z, made possible by the more open feel that this neck gives along with a wider dynamic range.

■ New Engravings

Both the 62 and 82 Z benefit from new engravings which gives these instruments an eye-catching look.

NEW Professional Saxophones

YAS/YTS-62



A modern day classic

Highly expressive, with a rich resonant tone, the new 62 series maintains the flexibility and excellent response of previous models whilst benefitting from a new neck design, improved pitch, greater musical expression and a redesigned case.

The 62 series is perfect for those looking for a versatile saxophone for all walks of musical life.

- **New 62 series neck**
- Front-F, High F# key
- Yellow brass, gold lacquered
- **Acoustic annealing**
- Drawn toneholes
- **Posts on ribs**
- Two-piece bell
- **New engraving on the bell**
- Tilting style low Bb key
- Improved low B-C# connection
- Silicone treated leather pads
- Polyester key buttons
- Blue steel needle springs
- Tapered pivot screws, nylon tip with head
- **Gold lacquered ligature and mouthpiece cap**
- 4C mouthpiece
- Adjustable thumb-rest
- Case: ASC/TSC-600E
- Optional models: Silver plated YAS/YTS-62S

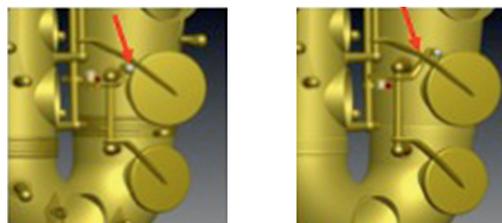
YAS/YTS-62 Key Features

New 62 neck



Slightly narrower bore, blows comfortably and gives a faster response. Easy to control, slightly darker tone with a more solid tonal core.

Improved low B/C# connection



current

new

Fingering remains the same but the new connection has a longer lever and keeps adjustment more stable. Improved response of lower notes.

New Cases



ASC/TSC-600E

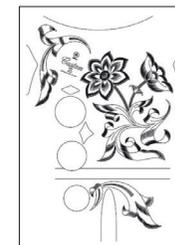
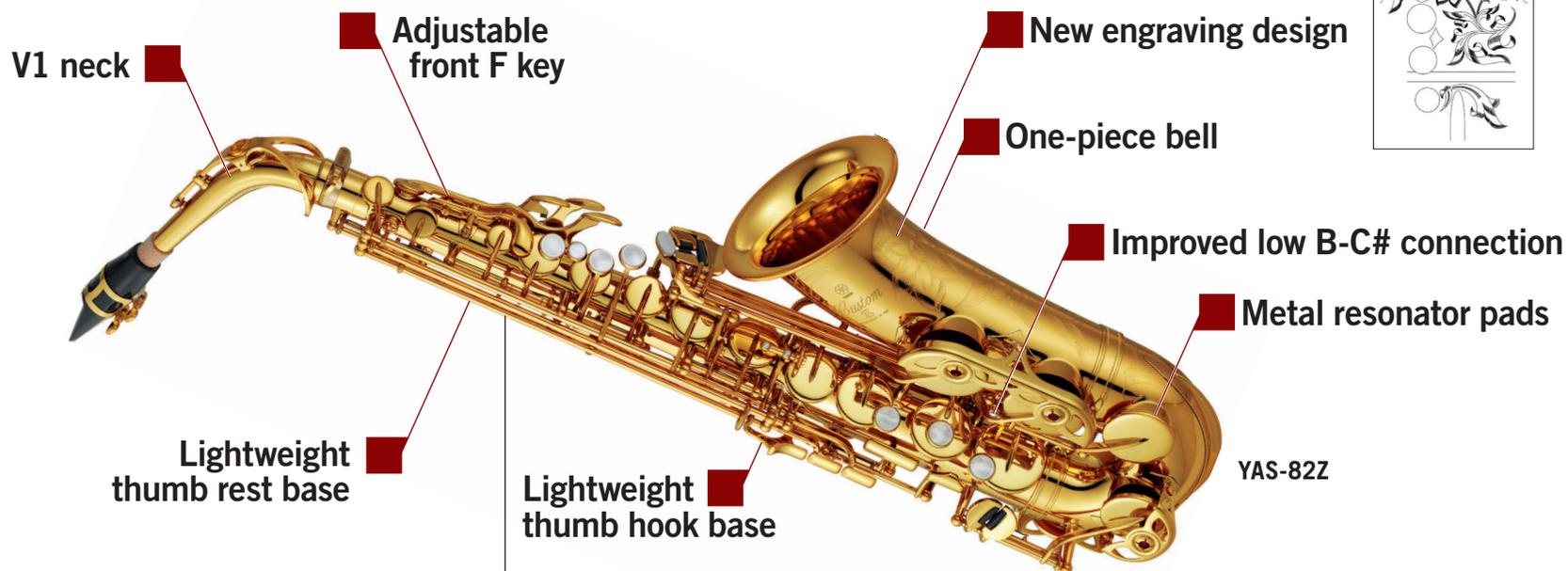
Lightweight semi-hard case that can be carried by hand, with shoulder strap or like a backpack.

What's new

Former Series YAS/YTS-62	Specification	New Series YAS/YTS-62	Advantage
G1 Neck (in Germany C-Neck)	Neck	New 62 neck	Slightly narrower bore, blows comfortably and gives a faster response. Easy to control, slightly darker tone with a more solid tonal core.
Current low B/C# connection short arm	Low B/C# connection	Improved low B/C# connection with longer arm	Fingering remains the same but the new connection has a longer lever and keeps adjustment more stable. Improved response of lower notes.
Simple design	Engraving	New Design	Beautifully elaborated with finer detail.
Lightweight semi-hard case with shoulder strap	Case	Lightweight semi-hard case	Two handles, shoulder strap and rucksack and additional pocket for music and accessories.

Custom Z Saxophones

YAS/YTS-82Z



YAS-82Z

YTS-82Z

Freedom of expression

A saxophone that gives players the maximum freedom of expression, the new 82Z alto and tenors have a one piece hand hammered bell that gives flexibility throughout the range. Now supplied with a V1 neck which gives an open more expressive sound, the low B-C# connection has also been improved and the new lighter thumb hook and rest gives the instrument better response and a more cohesive tone. The Custom Z saxes “have it all”.

- V1 neck
- Adjustable front-F key
- High F# key
- Yellow brass, gold lacquered
- Drawn toneholes
- Posts on ribs
- Hand-hammered one-piece bell
- New engraving on the bell
- Tilting style low Bb key
- Improved low B/C# connection
- Silicone treated leather pads
- Metal resonator pads
- Mother of pearl key buttons
- Blue steel needle springs
- Tapered pivot screws, nylon tip with head
- Gold lacquered ligature and mouthpiece cap
- Ebonite 4CM mouthpiece
- Adjustable thumb-rest
- Lighter thumb hook and thumb rest base
- Case: ASC/TSC-820

Improved low B/C# connection

Longer lever keeps adjustment more stable and improves response of lower notes.

Specification	YAS/YTS-82ZS	YAS/YTS-82ZUL	YAS/YTS-82ZGP	YAS/YTS-82ZULWOF
Silver plated	Yes	–	–	–
Unlacquered	–	Yes	–	Yes
Gold plated	–	–	Yes	–
Without High-F#	–	–	Yes	Yes

YAS/YTS-82Z Key Features

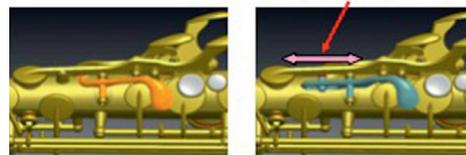
■ Metal resonator pad



Outstanding response that delivers a wider dynamic range. High to low range has clear pronunciation making fast passages easier to play.

■ Adjustable Front F-key

Opening is now adjustable



current

new

Using an adjustable front F key allows players to adjust how much the pad opens to meet their individual preferences.

■ V1 neck



The V1 neck features the largest bore of Yamaha's Custom necks making it very open and offering a wide dynamic range. The sound has a solid core with overtones which gives players more expression to convey their musical ideas.

■ Lighter thumb hook base and thumb rest

Improved response and a more cohesive tone.

■ What's new

Former Series YAS/YTS-82Z	Specification	New Series YAS/YTS-82Z	Advantage
G1	Neck	V1	Improved intonation, free blowing, wide dynamic range. Sound with solid core and a lot of overtones.
With short arm	Low B/C# connection	Improved with longer arm	Longer lever keeps adjustment more stable. Improved response of lower notes.
Simple design	Engraving	New design	Beautifully elaborated with finer detail.
Plastic resonators	Pads	Metal resonators	Outstanding response, wider dynamic range. Improved overall playability.
Standard	Thumb hook and thumb rest base	Lighter	Improved response and a more cohesive tone.
Two-piece bell	Bell	One-piece bell	Easier response of low notes, more solid tonal core. Improves transition from low to mid range drastically.

Custom EX Saxophones

YAS/YTS-875EX

V1 neck

Adjustable front F key

Two-point bell/body brace

Hand-hammered one piece bell

Silicone treated leather pads



YAS-875EX

YTS-875EX



A refined sound

The EX saxophones provide great flexibility with a wide dynamic range. Played by some of the finest musicians in the world, the EX series offers smooth key response, comfortable blowing, and delivers a deep refined sound, rich with colour and is the result of years of research and testing.

Made with a one-piece bell, EX saxes are ideal for those looking for a warm sound with depth and projection.

- V1 neck
- Adjustable front-F key
- High F# key
- Yellow brass, gold lacquered
- Drawn toneholes
- Posts on ribs
- Hand-hammered one-piece bell
- Tilting style low Bb key
- Silicone treated leather pads
- Mother of pearl key buttons
- Blue steel needle springs
- Tapered pivot screws, nylon tip with head
- Gold lacquered ligature and mouthpiece cap
- Ebonite 4CM mouthpiece
- Adjustable thumb-rest
- Case: ASC/TSC-875
- Silver plated: YAS/YTS-875EXS
- Gold plated: YAS/YTS-875EXGP

YAS/YTS-875EX Key Features

■ V1 neck



The V1 neck features the largest bore of Yamaha's Custom necks making it very open and offering a wide dynamic range. The sound has a solid core with overtones which gives players more expression to convey their musical ideas.

■ Bell brace



The bell/body brace features two-point contact for enhanced projection and a free-blowing response.

■ Bow



The bow is designed for a free-blowing resistance in low register and a clear response. The centre-bow reinforcement plate is attached to the bow of the EX tenors.

■ Finish options

The EX saxes are available with gold plate, silver plate and black lacquer finishes by special order.



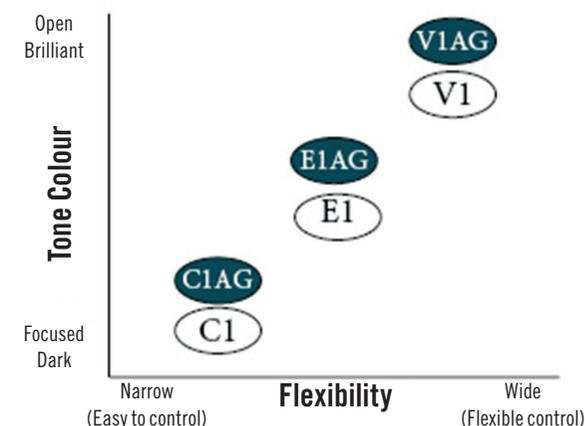
Custom Saxophone Necks



Bore Shape Comparison



Neck Character Guide



Find your own sound

The new line up of sax necks makes it easier for players to select the best neck for their playing. The more refined range offers a wide selection of playing possibilities with different finishes offering further variety of sounds. Yamaha's new range of Custom sax necks perfectly complement the fantastic range of Custom EX & Z saxes and for the first time Yamaha are offering solid silver necks.

Alto Saxophone Necks

New Neck	Bore Size	Available Finishes
AC1	Small	Gold Lacquer, Gold Plated (GP), Silver Plated (S), Black (B), Un-lacquered (UL) & Sterling Silver (AG)
AE1	Medium	Gold Lacquer, Gold Plated (GP), Silver Plated (S), Black (B), Un-lacquered (UL) & Sterling Silver (AG)
AV1	Large	Gold Lacquer, Gold Plated (GP), Silver Plated (S), Black (B), Un-lacquered (UL) & Sterling Silver (AG)

Tenor Saxophone Necks

New Neck	Bore Size	Available Finishes
TC1	Small	Gold Lacquer, Gold Plated (GP), Silver Plated (S), Black (B), Un-lacquered (UL) & Sterling Silver (AG)
TE1	Medium	Gold Lacquer, Gold Plated (GP), Silver Plated (S), Black (B), Un-lacquered (UL) & Sterling Silver (AG)
TV1	Large	Gold Lacquer, Gold Plated (GP), Silver Plated (S), Black (B), Un-lacquered (UL) & Sterling Silver (AG)

Intermediate Soprano Saxophone

YSS-475II



Professional features, intermediate price

Outstanding response, tone and intonation, the YSS-475 is free-blowing with a lightweight body. Delivering professional qualities, much of the design is based on Yamaha's Pro and Custom models. The YSS-475II is the perfect instrument for a player to develop the soprano side of their playing.

- Auxiliary keys – high F#, front F
- Laser engraved bell decoration
- Adjustable thumb hook
- New bullet point, non head pivot screw
- Polyester key buttons that are hard wearing and feel good
- 4C mouthpiece
- Finish: gold lacquer
- Case: SSC-475II lightweight rucksack style case

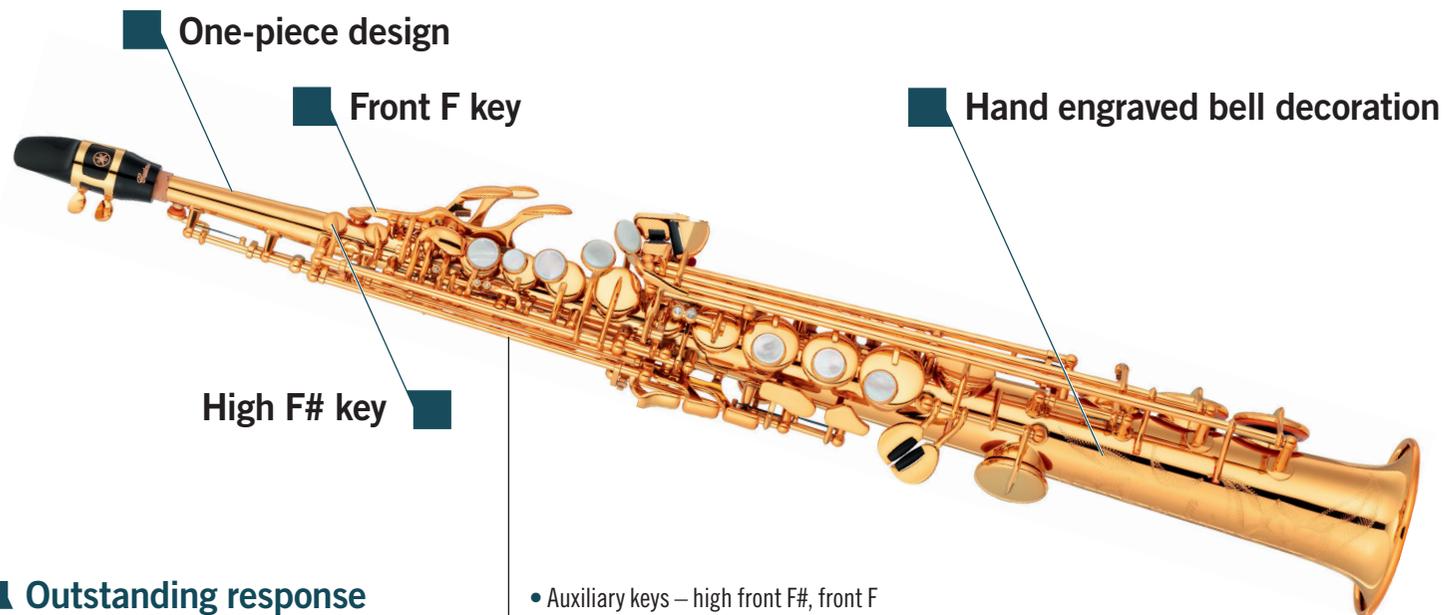
Case



Lightweight rucksack style case

Custom Z Soprano Saxophones

YSS-82Z/YSS-82ZR

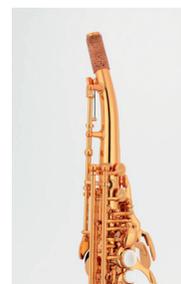


YSS-82Z

Outstanding response and flexibility

The 82Z Custom soprano saxophone has a direct and powerful sound and represents the newest addition for the soprano sax range. Outstanding response, tonal flexibility and even throughout the registers, the 82Z has a one piece neck-through-bell design and is available in both straight and curved neck versions. A great sax for those who want to set their music free.

- Auxiliary keys – high front F#, front F
- Hand engraved bell decoration
- Adjustable thumb hook
- Bullet point with head pivot screw
- Mother of pearl key buttons for a great look that's extremely durable
- Ebonite 4CM mouthpiece
- Finishes: gold lacquer, unlacquered, silver plated and black
- Available in both straight and curved neck versions
- Case: SSC-875 hard case



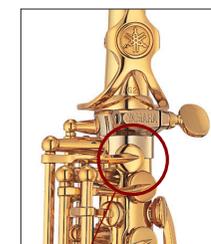
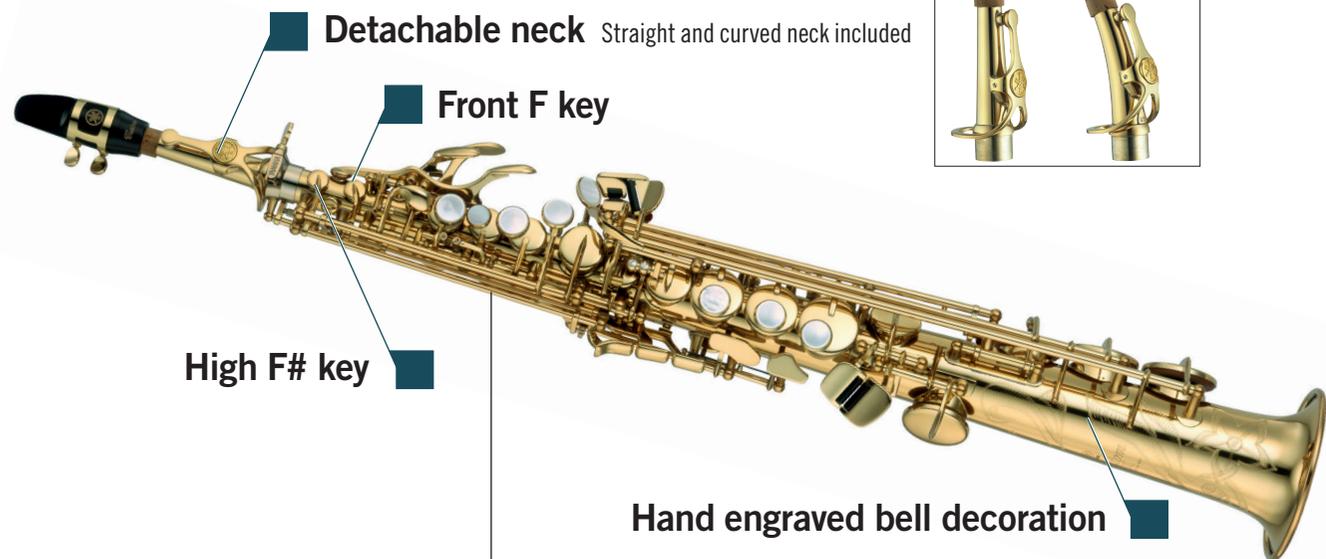
Curved neck version

Available Models

	Straight neck	Curved neck
Gold lacquer	YSS-82Z	YSS-82ZR
Silver plated	YSS-82ZS	YSS-82ZRS
Black	YSS-82ZB	YSS-82ZRB
Unlacquered	YSS-82ZUL	YSS-82ZRUL

Custom EX Soprano Saxophones

YSS-875EX



The **High-G key** lets you comfortably play high G with greater stability (a semitone higher than usual soprano saxophones)

Case



SSC-875

YSS-875EX

Rich tone, unbelievable projection

EX soprano saxophones offer professionals a rich tone whilst still being able to project clearly.

With a wide dynamic range, extremely accurate intonation and a beautiful tone, the EX soprano saxophones come complete with both straight and curved necks and are perfect for players who are looking for a sax that gives a deep warm sound.

- Auxiliary keys – YSS-875EX high F#, front F / **YSS-875EXHG additional high G key**
- Hand engraved bell decoration
- Adjustable thumb hook
- Bullet point with head pivot screw
- Mother of pearl key buttons
- Ebonite 4CM mouthpiece
- Finishes: gold lacquer, silver plated and black
- Straight and curved necks included
- Case: SSC-875 hard case

Available Models

	Standard	with High-G key
Gold lacquer	YSS-875EX	YSS-875EXHG
Silver plated	YSS-875EXS	YSS-875EXHGS
Black	YSS-875EXB	YSS-875EXHGB
Gold plated	YSS-875EXGP	YSS-875EXHGPP

Baritone Saxophones

YBS-32E/YBS-62E



YBS-32E



YBS-62E

High F# key

Hand engraved bell decoration

Octave Mechanism



For ease of play and smooth octave transitions

Expressive freedom, big sound!

The **YBS-32E** makes it easy for players to create a big sound without the effort normally associated with the baritone saxophone. The keywork is designed to suit all hand shapes and sizes and makes playing such a big instrument surprisingly easy. This is great for those looking for a doubling instrument.

The **YBS-62E** has a big sound with a rich, yet clear tone. With excellent intonation, sound quality and durability, this is a saxophone that has become established as one of the leading baritone saxes on the market and is chosen by some of the world's best saxophonists.

The YBS-62E is ideal for those serious about the baritone sax!

	YBS-32E	YBS-62E
Auxiliary keys	Low A & front F	High F#, low A & front F
Bell design	–	Hand engraved bell
Thumb hook	Adjustable	Adjustable
Mechanism	Pivot screw with bullet point design with head	Pivot screw with bullet point design with head
Key buttons	Polyester that feel comfortable and are hard wearing	Mother of pearl key buttons
Finish	Gold lacquer	Gold lacquer and silver plated (YBS-62ES)
Mouthpiece	5C	5C
Case	BSC-41II hard case for excellent protection	BSC-62II hard case for excellent protection

Glossary

Black lacquer On Yamaha saxes, a thicker coating than clear or gold lacquers which produces a darker sound. (see clear and gold lacquer)

Clear lacquer An electrostatically applied epoxy (resin) coating to protect the finish of brass bodied instruments.

Conical bore The tubing is tapered. Oboes and bassoons also have conical bores, piccolos have a reverse conical bore.

Drawn toneholes The instrument's tone holes are drawn from the same tubing as the body.

Gold lacquer On some models, Yamaha uses a special tinted lacquer, which gives an appearance similar to gold plating. (see clear and black lacquer)

Gold plate Yamaha first plates with copper and then silver before applying a final gold plate finish.

Needle springs Are so called because needles were originally used. Blue needle springs are resistant to moisture and rust. The tapered design of a needle provides very quick response with a minimum of depression resistance.

Posts on ribs Posts are silver-soldered to plates called 'ribs' which are then soft-soldered to the body for better strength and tonal characteristics.

Silver plating Yamaha first plates with copper and then plates it with silver. Silver plating offers a heavier sound with more overtones.

Metal resonator pads With a metal centre, these pads offer outstanding response, wider dynamic range and clear pronunciation.

Plastic resonator pads The standard pad for saxophones which is very durable and which gives a balanced amount of reflections.

Un-lacquered Some saxes are available in un-lacquered finish. This is a natural finish that over time changes as the metal reacts with the atmosphere and offers slightly lighter resistance and a more open and flexible sound concept.

