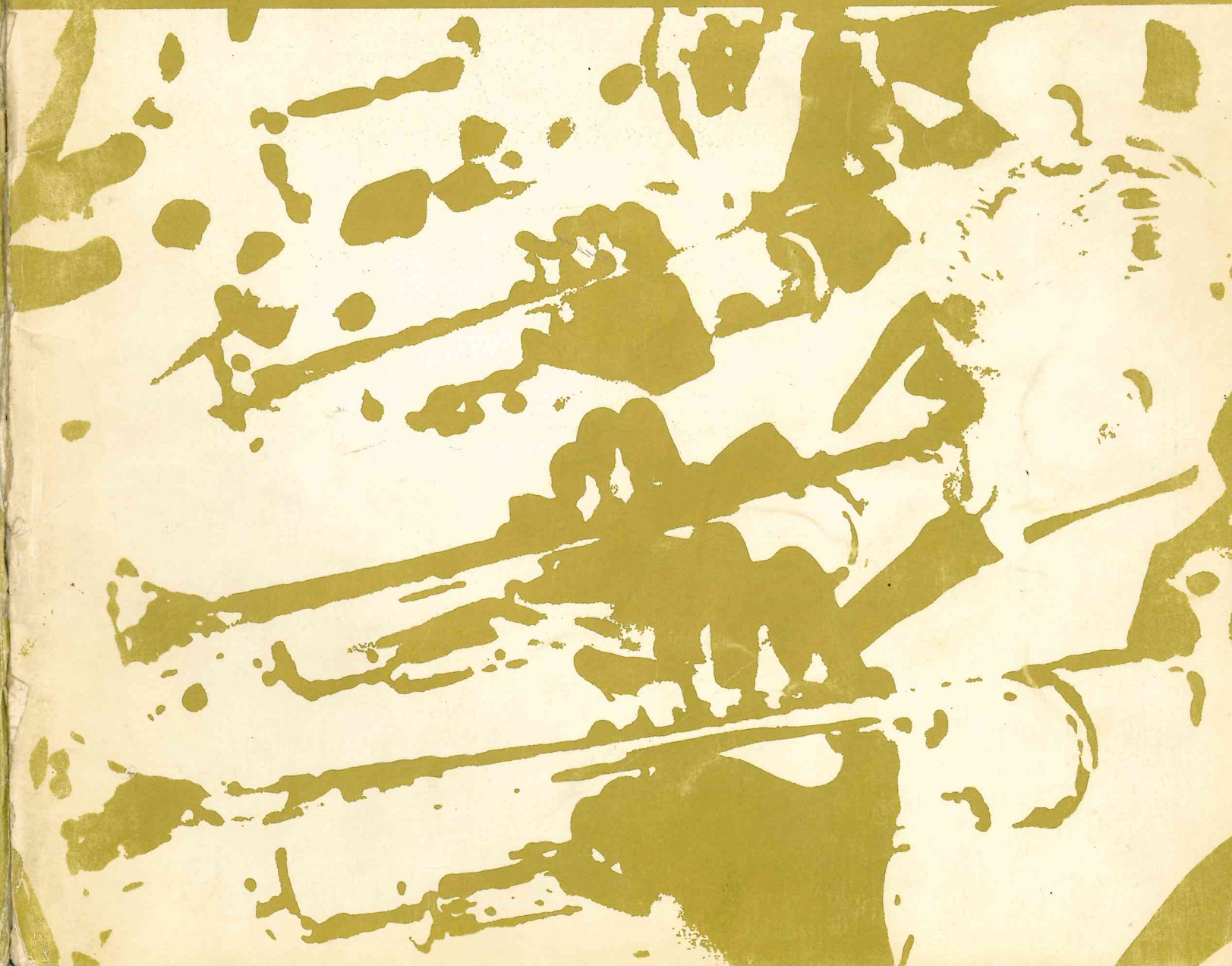




OLDS

**CUSTOM CRAFTED
BAND
INSTRUMENTS**

F/E/OLDS & SON BAND INSTRUMENTS



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CORNETS

1



Mendez: Designed under the personal supervision of Rafael Mendez, this long model cornet is a perfect companion in both design and response for the famous Mendez Trumpet, combining Olds craftsmanship and an artist's experience to produce an outstanding instrument.

Lightning-fast valve action, medium large bore, first and third valve trigger tuning, special lightweight brass alloy for extra strength, valve assembly centered for unusual balance, distinctive mouthpiece taper for even response in all registers, goldplated finger buttons.

M-5 Mendez Cornet, deluxe case

Opera: This newest addition to the Olds line of fine cornets is designed for extra tonal capacity, unlimited power, and a brilliance which makes it an artist instrument for the solo performer.

Lightning-fast valve action, extra large bore, dent resistant—solid nickel-silver bell, mouthpipe and trim, first valve trigger tuning mechanism, mouthpipe taper designed to afford a free-blowing, large tone, oversized bell section.

O-5 Opera Cornet, deluxe case

Recording: In the compact Recording model, the design with its sweeping curves gives complete expression to the full, round cornet tone. With its eye-catching coloring, beautiful engraving, and mechanical features, it is an unusual combination of beauty and artistry.

Lightning-fast valve action, medium large bore, Re-O-Loy bell—nickel-silver slides, tuning slide trigger tuning mechanism offers instantaneous alteration of notes, completely solves all intonation adjustments, exclusive, offset middle valve combining extreme comfort and flexible hand position.

R-5 Recording Cornet, deluxe case

Super: The Olds reputation for professional quality was established on the Super model and this streamlined cornet offers a combination of restrained power and smooth, effortless response. Your ear will tell you—this is a custom crafted Olds in every sense of the word.

Lightning-fast valves, medium large bore, combination of polished brass and nickel-silver, first valve intonation adjustment, long model modern design, tone control band for that covered quality.

S-5 Super Cornet, deluxe case

Studio: The Studio cornet differs greatly in basic design or "layout" from the other cornets in the Olds line. It is traditionally styled, nickel-plated, and possesses a dark, truly cornet, tone quality. It is fitted with an adjustable third slide stopping mechanism, and first slide trigger for intonation adjustment.

T-5 Studio Cornet, deluxe case

Special: The Special combines traditional Olds craftsmanship and attention to construction detail with a breadth of tone, flexibility, and power with which to explore the full, singing range of the cornet. The "continuous flow air column" construction—compact but comfortable—is enhanced by the beautiful combination of bronze, nickel-silver and brass.

Lightning-fast valve action, third valve intonation adjustment with unique stop, medium large bore, "spectrum tone" bell and body, functional bracing combining strength with less weight, unusual balance and comfort.

L-5 Special Cornet, deluxe case

Ambassador: In the Ambassador, Olds has retained all the basic properties essential to a fine instrument—good intonation, balanced range, flexible response, and ease of tone production. To these essentials, usually found only in professional models, have been added a ruggedness and durability which make it the outstanding student instrument on the market.

Lightning-fast valve action, medium large bore, polished brass reinforced with nickel-silver, third valve intonation adjustment with unique stop, rugged, three point bracing, hexagonal mouthpiece receiver and distinctive water key assembly.

A-5 Ambassador Cornet, in gladstone Vac-a-Bond case

Flugel Horn: With its wide-curved, traditional styling, Re-O-Loy bell and excellent intonation Olds offers an instrument whose range is the same as the cornet or trumpet, but whose rich, dark tone bridges the tone color gap between trumpet and trombone.

A truly rewarding addition to the concert band brass choir, the Flugel Horn is fast becoming the standard double for the jazz trumpeter. Its voice provides both a new sound in solo work and a fine blend with both brass and sax sections in the dance band.

L-12 Flugel Horn in deluxe case

Mendez

Opera

Recording

Super



Studio

Special

Ambassador

Flugel Horn



Features

1/The heart of tone production and response of an Olds brass instrument is the taper of the lead-pipe in the section between mouthpiece and full bore tubing, and the way this taper is matched to the amplifying proportions of the bell section. Here's the secret of valve instrument performance and the differing, yet proportioned, qualities of every Olds model. Tool-steel mandrels hold every lead-pipe to dimensional accuracy and make possible a continuity and uniformity of product which assures the same qualities in every Olds model today that made it an outstanding instrument in the past.

2/The purpose of a brace is to provide strength and rigidity. Olds bracing design goes several steps further however by reducing weight, offering clean, attractive design, and placement which never dampens the vibrating air column or interferes with balance and a comfortable hand grip.

3/The lightning-fast valve action on all Olds valve instruments is the product of design and engineering know-how implemented by quality control which holds tolerances to extremely close limits. The oversized heavy-gauge valve springs distribute the load evenly and prevent "piston bounce" on the return stroke. Newly installed procedures of machining the pistons assures a "perfect round" and, after

special-alloy nickel-plating, each piston is hand-fitted into its matching valve. The specially-constructed single-slot spring guide and valve seat holds the spring firmly in place, centers its action, and assures the fast and trouble-free valve action which is an Olds tradition.

4/The protective coating applied to Olds instruments has been found by independent test laboratories to possess outstanding characteristics. Subjected to chemical spray and abrasion tests, the Olds epoxy coating demonstrated extreme durability. Absolutely transparent, it is the most durable coating in the industry, and assures the Olds owner of lasting beauty and protection for his instrument.

5/"Re-O-Loy"—the alloy used on Olds Recording bells—is an example of the cooperative research engaged in by Olds in conjunction with the metals industry. The tonal properties, ductility, and strength of metallic combinations are varied to produce the exact properties specified by Olds. The net result—a custom-crafted basic material which, in the skilled hands of Olds craftsmen, produces finer, more durable instruments with extra tonal color and interest.

6/The plus values of bell spinning combine metals in the bell sections for additional harmonics and tone color without distortion. The work-hardened product has given Olds its famous "Re-O-Loy," "Brilliant" and "Spectrum Tone" bells. The manufacturing method which makes this possible is of equal importance even on bells of the same alloy, where the spinning of the outer bell joined to the work-hardened inner bell produces a dent-resistant metal and additional tone color.

7/Every Olds instrument has response and musical individuality which sets it apart. For example, the "Tone Control" band of pure nickel-silver spun on to every Super bell reduces vibration and results in power-controlled tone, the trademark of the Olds Super model. Here is Olds ingenuity in producing a specific end result—and something like it is a part of every Olds.

8/To provide tension-free intonation adjustment on low-note, first and third valve combinations, Olds has developed the finest tuning mechanism available today. Its short-stroke, balanced action allows the player to lengthen tubing almost a semi-tone, without disturbing embouchure, while playing. Oil-and-moisture-resistant neoprene rings silence the return stroke and micrometer fitting of tube sleeves assures continuing service on this valuable player aid.

Studio: This newly designed instrument represents a departure from the standard Olds trumpets of the past inasmuch as it possesses a dark, sonorous tone when played in the lower and middle registers and has a greater amount of resistance than any other model in the Olds line. This characteristic of resistance is sought after by many professional trumpet players; particularly those who must play high or forte for extended periods of time.

It is an ideal instrument to be used in a concert band where the band director prefers cornets, as it more closely approximates cornet tone than any other trumpet model. However, it is an extremely good instrument for the high register. Additionally, it is fitted with an adjustable third slide stopping mechanism and a first slide trigger, and is the only nickel-plated trumpet in the line.

T-10 Studio Trumpet, gladstone case

Special: The beautiful combination of Re-O-Loy, nickel-silver, and brass, used on the Special Trumpet adds complex harmonics to the tone, enhances the appearance, and provides additional strength and durability. Free-blowing—quick response—an ideal combination of craftsmanship and quality.

Lightning-fast valve action, medium large bore, third valve intonation adjustment, tri-colored "spectrum-tone" bell and body.

L-10 Special Trumpet, gladstone case

Ambassador: In the Ambassador, Olds has retained all the basic properties essential to a fine instrument—good intonation, balanced range, flexible response, and ease of tone production. To these essentials, usually found only in professional models, have been added a ruggedness and durability which make it the outstanding student instrument on the market.

Lightning-fast valve action, medium large bore, polished brass reinforced with nickel-silver, third valve intonation adjustment with unique stop, rugged—three point bracing, hexagonal mouthpiece receiver, and distinctive water key assembly.

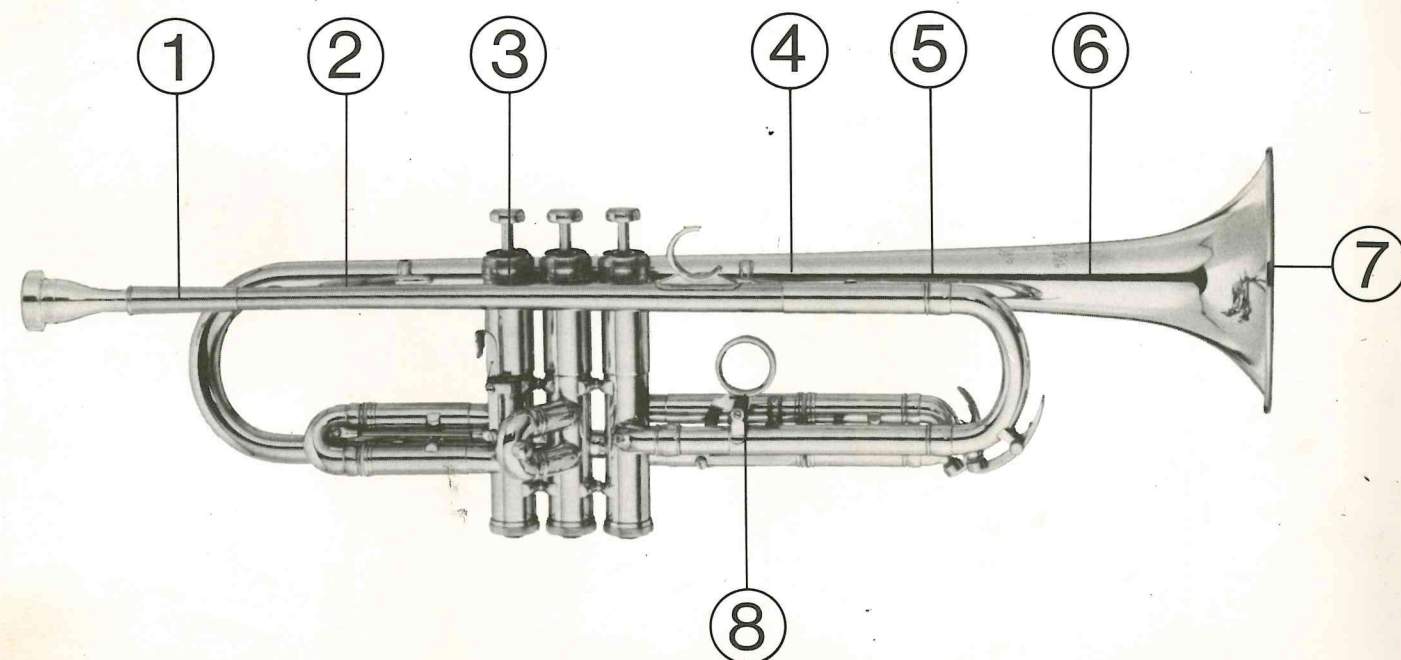
A-10 Ambassador Trumpet, Vac-A-Bond case

Aida Trumpet: (*not illustrated*) The Aida (Herald) trumpet is a combination of fine intonation, brilliant sound, ease of tone production, and pageantry. Equally adaptable to a football show with pennants flying, to antiphonal brass choir, or to an effective stage band show—the Olds Aida Trumpet adds glamour and showmanship to every band performance. 53" long.

O-10 Aida Trumpet, case

Coach Horn: (*not illustrated*)

O-110 Coach Horn, B \flat -C, without valves, 48 $\frac{1}{4}$ " long, in carrying case.



Super

Studio

Special

Ambassador



Features

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2/The purpose of a brace is to provide strength and rigidity. Olds bracing design goes several steps further however by reducing weight, offering clean, attractive design, and placement which never dampens the vibrating air column or interferes with balance and a comfortable hand grip.

3/The lightning-fast valve action on all Olds valve instruments is the product of design and engineering know-how implemented by quality control which holds tolerances to extremely close limits. The oversized heavy-gauge valve springs distribute the load evenly and prevent "piston bounce" on the return stroke. Newly installed procedures of machining the pistons assures a "perfect round" and, after

special-alloy nickel-plating, each piston is hand-fitted into its matching valve. The specially-constructed single-slot spring guide and valve seat holds the spring firmly in place, centers its action, and assures the fast and trouble-free valve action which is an Olds tradition.

4/The protective coating applied to Olds instruments has been found by independent test laboratories to possess outstanding characteristics. Subjected to chemical spray and abrasion tests, the Olds epoxy coating demonstrated extreme durability. Absolutely transparent, it is the most durable coating in the industry, and assures the Olds owner of lasting beauty and protection for his instrument.

5/"Re-O-Loy"—the alloy used on Olds Recording bells—is an example of the cooperative research engaged in by Olds in conjunction with the metals industry. The tonal properties, ductility, and strength of metallic combinations are varied to produce the exact properties specified by Olds. The net result—a custom-crafted basic material which, in the skilled hands of Olds craftsmen, produces finer, more durable instruments with extra tonal color and interest.

6/The plus values of bell spinning combine metals in the bell sections for additional harmonics and tone color without distortion. The work-hardened product has given Olds its famous "Re-O-Loy," "Brilliant" and "Spectrum Tone" bells. The manufacturing method which makes this possible is of equal importance even on bells of the same alloy, where the spinning of the outer bell joined to the work-hardened inner bell produces a dent-resistant metal and additional tone color.

7/Every Olds instrument has response and musical individuality which sets it apart. For example, the "Tone Control" band of pure nickel-silver spun on to every Super bell reduces vibration and results in power-controlled tone, the trademark of the Olds Super model. Here is Olds ingenuity in producing a specific end result—and something like it is a part of every Olds.

8/To provide tension-free intonation adjustment on low-note, first and third valve combinations, Olds has developed the finest tuning mechanism available today. Its short-stroke, balanced action allows the player to lengthen tubing almost a semi-tone, without disturbing embouchure, while playing. Oil-and-moisture-resistant neoprene rings silence the return stroke and micrometer fitting of tube sleeves assures continuing service on this valuable player aid.

CUSTOM MODELS

Professional Trumpets in C D E \flat and F Alto:

For the specialized field of symphonic and professional level ensemble playing, these light-weight, well-balanced trumpets offer unusually fine intonation, brilliant tone and quick response. For the symphony player C trumpets are fast becoming "a must." The D and E \flat models fit all needs in the oratorio and small ensemble field, including the new Baroque interest, and the F alto is not only a welcome addition to the brass ensemble groups but, with its E \flat slide, enables the small combo dance trumpeter to double on alto sax parts.

C-10 Professional Trumpet, deluxe case

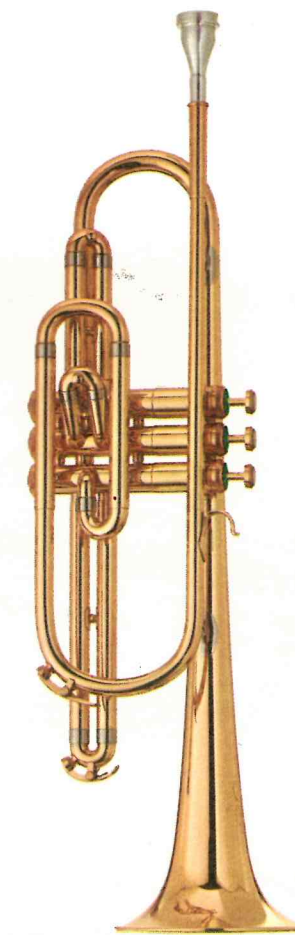
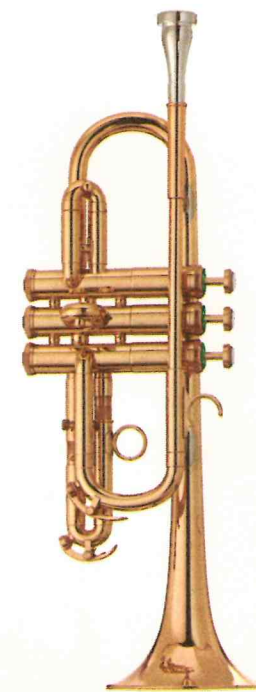
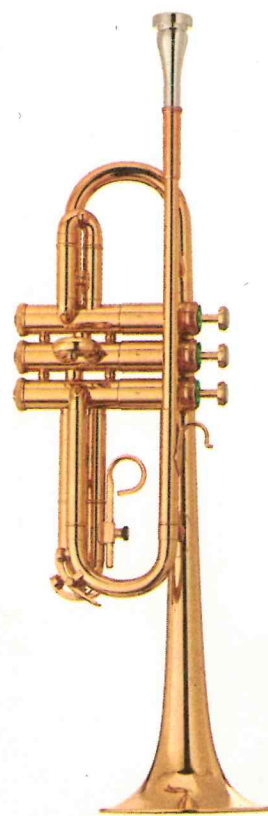
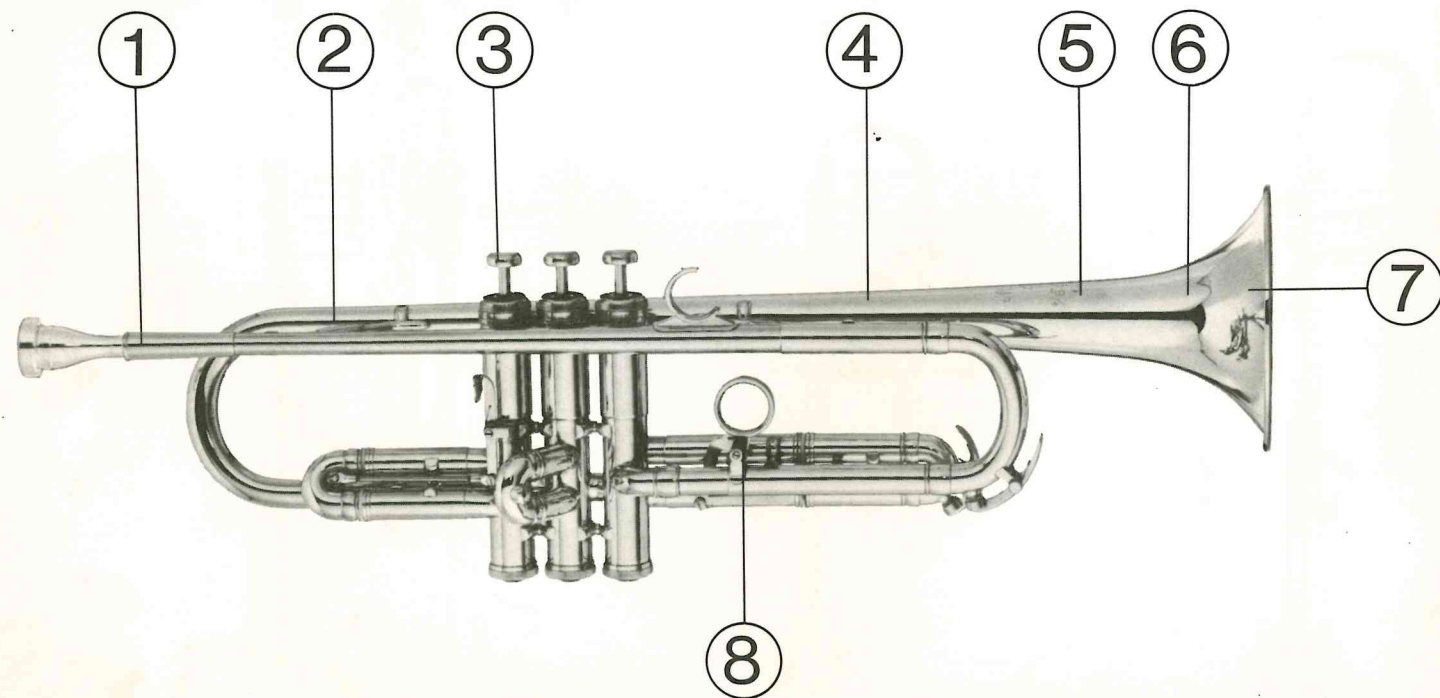
D-10 Professional Trumpet, deluxe case

E-10 Professional Trumpet, deluxe case

(not illustrated)

F-10 Professional Alto Trumpet with extra

E \flat slide, deluxe case



TROMBONES

Custom Trumpet Kit: The recent addition of the Custom Trumpet to the existing Olds line is a result of the growing need for specially designed instruments for professional use. To accommodate the advanced player, the basic design of the model offers fatigue-free light-weight design, balanced range from top to bottom and a centered tone production which feels right to the player and has unusual projection qualities.

Virtually every trumpet players' requirements can be met through experimentation with the trial "Custom" kit available through Olds dealers. The kit contains a valve and slide section to which can be assembled three different bells and five different mouthpieces, each with different characteristics and all coded to facilitate the correct choice for every player.

Bells should be selected first, based on the following characteristics: No. 1 has a "compact feel" and is probably best adapted to small combo and dance or show band work. No. 2 produces an open or "dark" tone often associated with the requirements of symphonic or brass ensemble performance. No. 3 is an average resistance, brilliant bell best suited to large dance, show or studio groups.

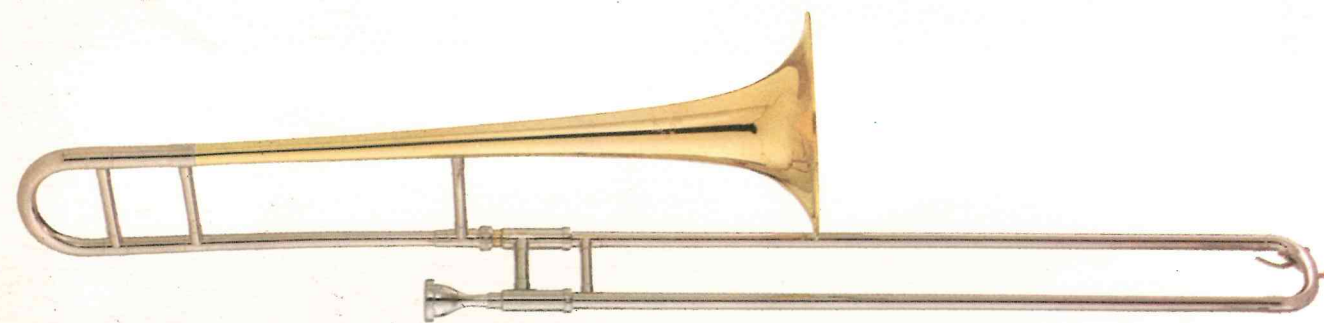
After selection of the bell section, experimentation with the various mouthpieces will enable every player to find the best combination for his specific requirements. Order by code number of bells and mouthpieces and the "Custom" instrument will be produced and shipped within 30 days.

Custom Trombone: The "Custom" trombone offers the advanced player an extremely lightweight, responsive and resonant instrument capable of meeting the exacting technical demands and extreme ranges of modern trombone writing. The comparatively large bore (.500) complements the 8 inch bell. Spacing of the slide tubes is wider to effect smoother slide action. Bell section is made of .018" lightweight "Lub-A-Loy," a new material.

P-15 Custom Trombone in deluxe case

Recording Bass (not illustrated): The Recording Bass is the newest of the professional instruments developed by Olds Engineering and Research. Olds has engineered this bass to meet the need for a full-bodied, quick-responding instrument. Special features include the choice of upright or recording bells, and unusually fine intonation in the upper register. Olds features of bracing, rugged leader pipe construction and solid guards against dent damage are retained. Major advances have been made in tone quality, intonation and playing ease.

O-98 Recording Bass (case extra)



Opera: To meet the needs of the growing number of large bore trombone players Olds has created the Opera model. Its instant response, light weight, and full-throated tone (even in the highest register) is readily recognized. The Opera is solid nickel-silver. Feather-touch slide action, chrome-plated, nickel-silver inside slides, both slide and bell locks, extra large bore (.554).

O-15 Opera Trombone, deluxe case

Recording: The beauty of its richly engraved Re-O-Loy bell, the balanced response and fast slide action identify this large bore product of Olds trombone leadership. An instrument of advanced design for the advanced player.

Feather-touch slide action, chrome-plated—nickel-silver inside slides fluted for ball-bearing speed, both slide and bell locks, large dual bore (.495-.510), conical proportioned tuning slide—joining dual bore slide tubes, Re-O-Loy bell—solid nickel-silver slide section.

R-15 Recording Trombone, deluxe case also in deluxe oval gladstone case (special order)

Super: The cornerstone of the Olds line—three generations of trombonists have attested to the high quality of the Super model. Incomparable balance, restrained power from the "tone control band" on the bell, amazingly fast slide action with its "fluted" pinciple are the basic reasons for its continuing popularity.

Feather-touch slide action, chrome-plated, nickel-silver inside slides fluted for ball-bearing speed, both slide and bell locks, medium large bore, conical proportioned tuning slide—joining dual bore slide tubes, tone control band on the bronze bell, patented one-piece bracing for extra strength and lightness.

S-15 Super Trombone, deluxe Vac-A-Bond case also in deluxe oval gladstone case (special order)

Studio: With a straight bore of .500, the Studio trombone offers the optimum in contemporary trombone design and tonal quality. It is nickel-plated with reinforced bell bead. The balancer is detachable so that the center of gravity may be altered. Feather-touch slide action, chrome-plated—nickel-silver slides, both slide and bell locks, medium large bore.

T-15 Studio Trombone, deluxe case

Special: The beautiful combination of bronze, nickel-silver, and brass used on the Special adds complex harmonics to the tone, enhances the appearance, and provides additional strength and durability. Free-blowing—quick response—an ideal combination of craftsmanship and quality. Feather-touch slide action, chrome-plated—nickel-silver inside slides, both slide and bell locks, medium large bore, conical proportioned tuning slide—joining dual bore slide tubes, tri-colored "spectrum-tone" bell and body. Balancer weight in tuning crook.

L-15 Special Trombone, deluxe Vac-A-Bond case

Ambassador: In the Ambassador, Olds has retained all the basic properties essential to a fine instrument—good intonation, balanced range, flexible response, and ease of tone production. To these essentials, usually found only in professional models, have been added ruggedness and durability which make it the outstanding student instrument on the market.

Feather-touch slide action, chrome-plated—nickel-silver inside slides, both slide and bell locks, medium large bore—counter balance on tuning slide, conical proportioned tuning slide—joining dual bore slide tubes.

A-15 Ambassador Trombone, form fit Vac-A-Bond case

F Alto (not illustrated): Unique tonal characteristics, pitched in the key of F between trombone and trumpet. Uses a small trombone mouthpiece, same key as F French horn. Originally designed for the small beginner, this model is of interest to both the professional trombone or trumpet player as a double and as a reinforcing voice for the school band French horn section.

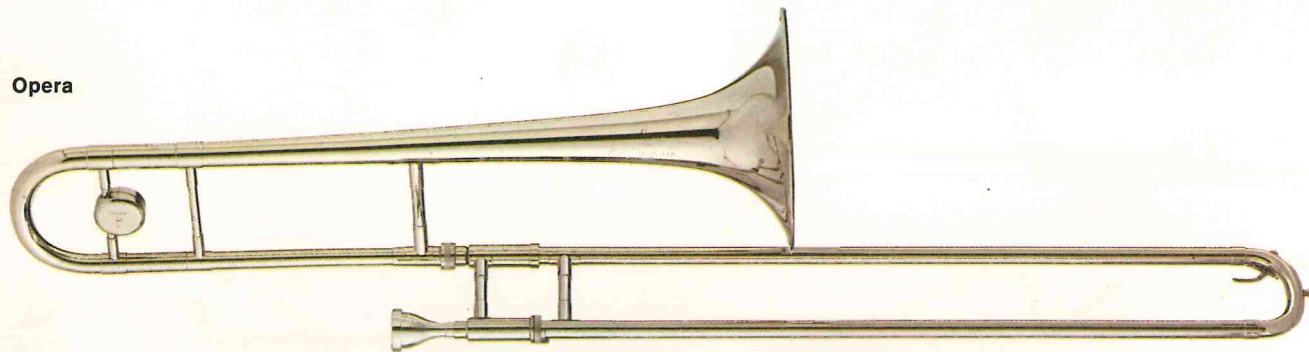
F-15 F Alto Trombone, gladstone case

Custom (not illustrated): The Custom model is the newest addition to the Olds trombone line. It offers the advanced player an extremely lightweight, responsive and resonant instrument capable of meeting the exacting technical demands and extreme ranges required in modern trombone writing. Special alloys selected for resonance and workability in very thin gauges have been used. The comparatively large bore (.500), complements the 8" bell. Spacing of the slide tubes is wider to effect simpler slide action. Bell section is made of .018" lightweight "Lub-A-Loy," a new material.

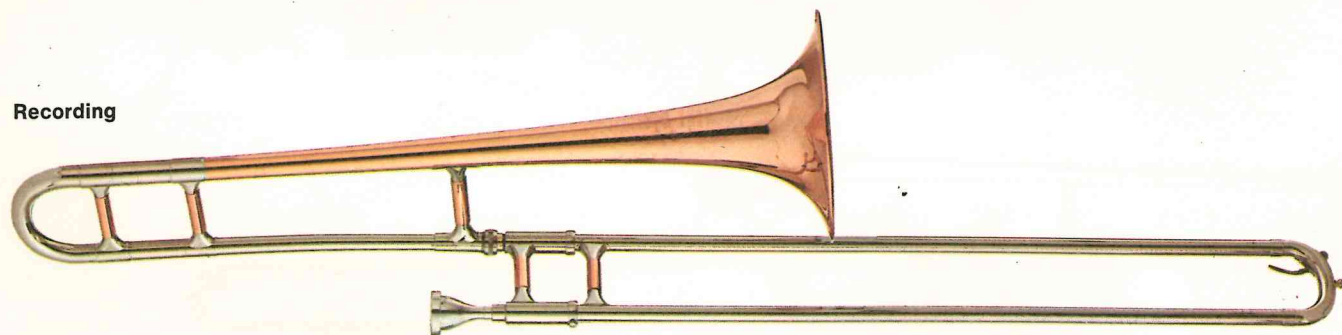
Feather-touch slide action, chrome-plated—nickel-silver inside slides, both slide and bell locks. An ideal instrument for fatigue free performance over long sessions of recording, solo and dance work.

P-15 Custom Trombone, deluxe case

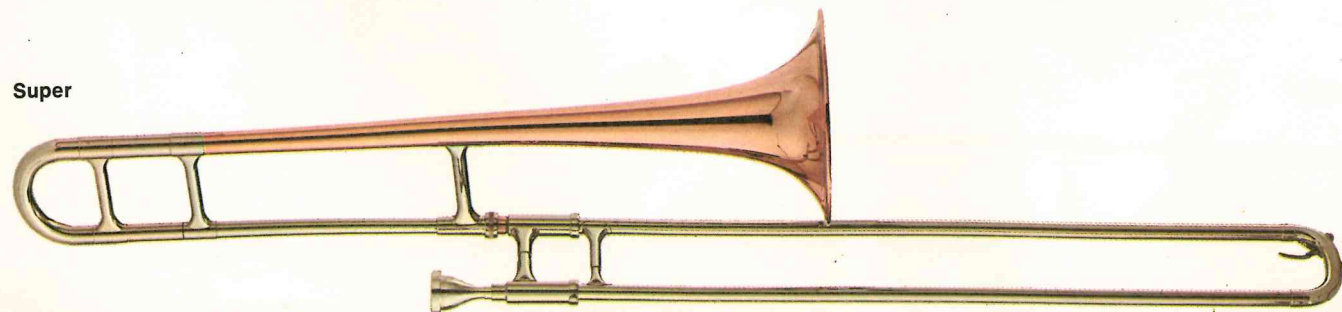
Opera



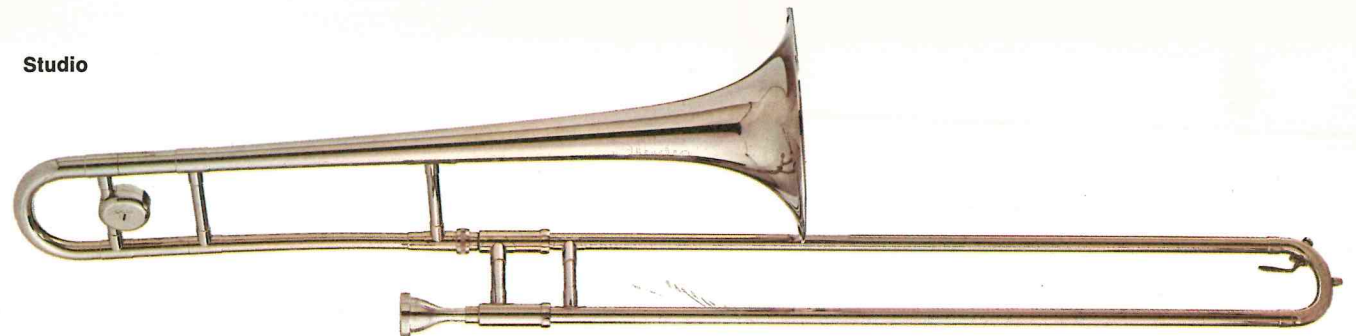
Recording



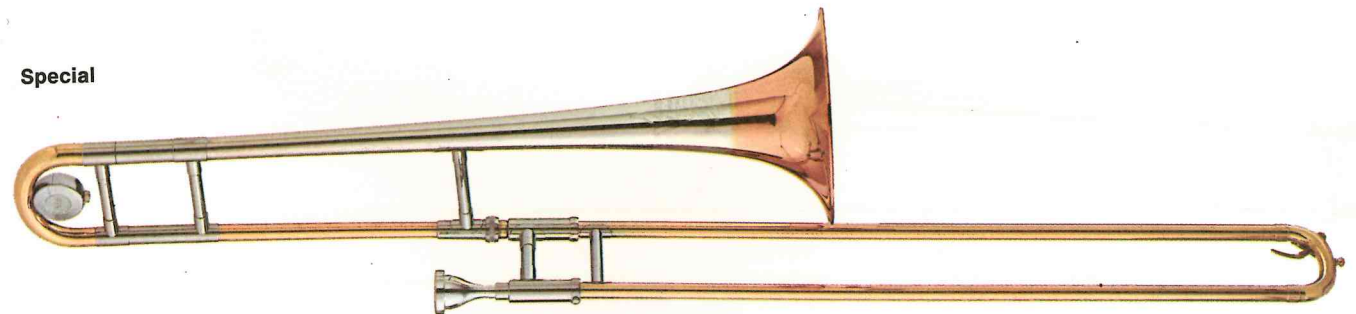
Super



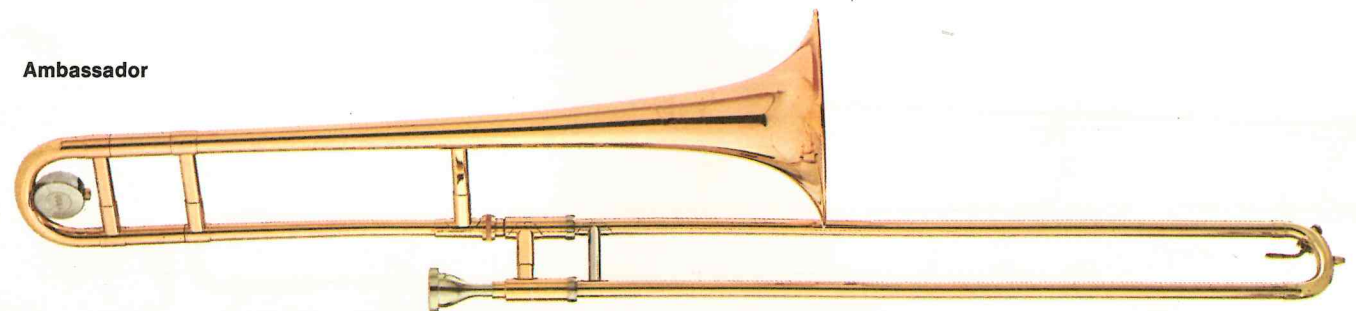
Studio



Special



Ambassador



BASS TROMBONES

5

Features

1/The protective coating applied to Olds instruments has been found by independent test laboratories to possess outstanding characteristics. Subjected to chemical spray and abrasion tests, the Olds epoxy coating demonstrated extreme durability. Absolutely transparent, it is the most durable coating in the industry, and assures the Olds owner of lasting beauty and protection for his instrument.

2/The plus values of bell spinning combine metals in the bell sections for additional harmonics and tone color without distortion. The work-hardened product has given Olds its famous "Re-O-Loy," "Brilliant" and "Spectrum Tone" bells. The manufacturing method which makes this possible is of equal importance even on bells of the same alloy, where the spinning of the outer bell joined to the work-hardened inner bell produces a dent-resistant metal and additional tone color.

3/"Re-O-Loy"—the alloy used on Olds Recording bells—is an example of the cooperative research engaged in by Olds in conjunction with the metals industry. The tonal properties, ductility, and strength of metallic combinations are varied to produce the exact properties specified by Olds. The net result—a custom-crafted basic material which, in the skilled hands of Olds craftsmen, produces finer, more durable instruments with

extra tonal color and interest.

4/Every Olds instrument has response and musical individuality which sets it apart. For example, the "Tone Control" band of pure nickel-silver spun on to every Super bell reduces vibration and results in power-controlled tone, the trademark of the Olds Super model. Here is Olds ingenuity in producing a specific end result—and something like it is a part of every Olds.

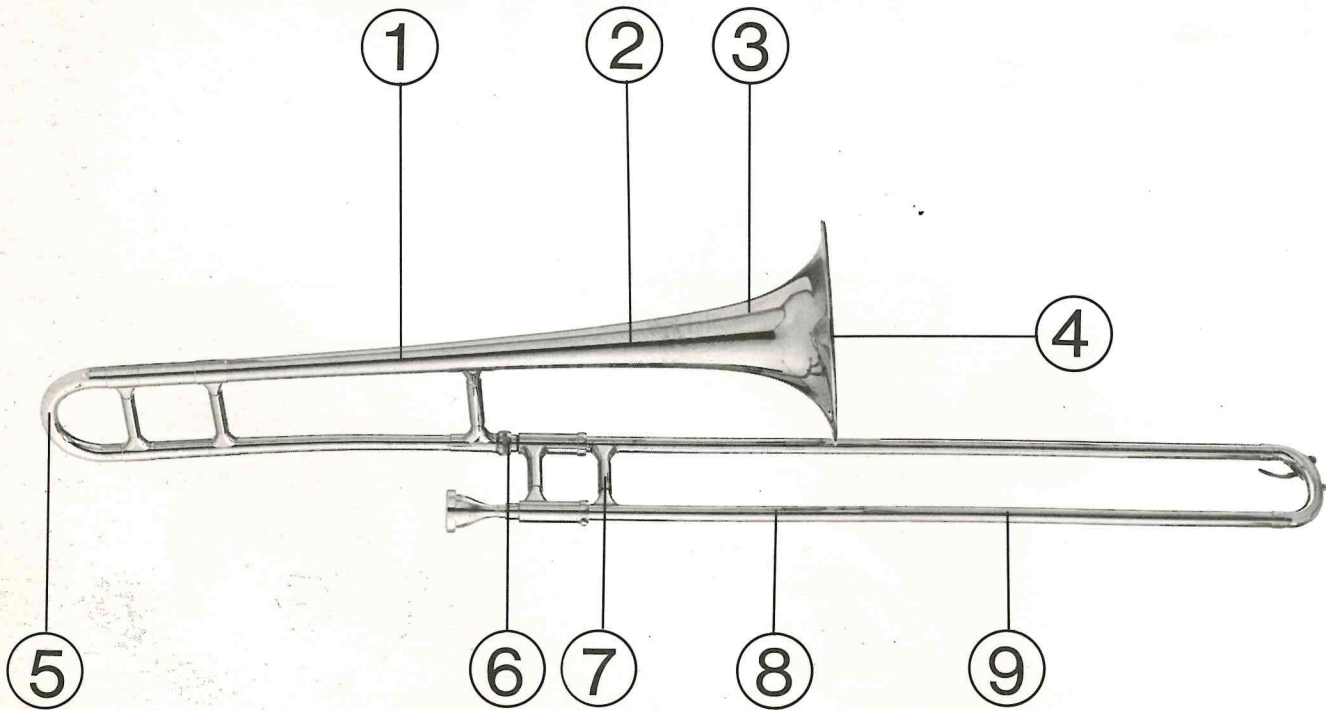
5/Olds pioneered the development of the conical approach to slide trombone bore which helps produce a full, rich tone. On all models except the extremely large bore bass and Opera tenor models, Olds slides are dual bore—the mouthpiece side expanding through a conical tapered bow into the larger diameter bell side slide. In addition, on all tenor models, the tuning slide is conically tapered to provide gradual expansion of the bore into the bell section, evidence of Olds design and engineering skill where the smallest construction detail contributes to the finest in musical instruments.

6/For safety and player comfort, Olds tenor trombones are supplied with both bell and slide locks. Light in weight, easily adjustable, and positive in setting and maintaining bell and slide position, these locks contribute to player comfort and instrument durability.

7/The purpose of a brace is to provide strength and rigidity. Olds bracing design goes several steps further however by reducing weight, offering clean, attractive design, and placement which never dampens the vibrating air column or interferes with balance and a comfortable hand grip.

8/The slide sections are drawn to exact dimensional size from mill stock to assure close tolerance, exact gauge of the metal, and feather-touch action. The mill tubing is supplied in heavy gauge and in the drawing process is pulled out to 2 times its original length, reduced 50% in wall thickness, made perfectly round (or fluted on some models), and work-hardened to form a perfect and lasting slide action. All inside slides are special nickel-silver alloy, chrome-plated. Outside slides are either special alloy brass or nickel-silver, depending on the model.

9/A patented feature on Super and Recording trombones, the Olds fluted slide avoids slide friction by reducing the contact area on inner and outer slides by 75%, and still prevents air loss by its close-tolerance round stocking. The raised sections of the fluting act as ball bearing surfaces for fast slide action, and the depressed sections carry and evenly distribute the oil and water lubricant on the outer slides, thus maintaining the thin barrier of lubricant between the inner and outer slides.



George Roberts Model: Comparable to the Olds S-20 model, this bass trombone is made of extremely thin gauge nickel-silver with Re-O-Loy 9" bell. Professional bass trombonists have indicated that this instrument in F-B \flat is the most responsive, rewarding, and "easy to play" instrument they have ever had in their hands.

S-22 George Roberts Bass Trombone, formfit case

Super: The Super Bass Trombone with a second rotary trigger to E offering additional technical facility and the complete orchestral range of the bass trombone score.

Furnished with 10" bell—available with 9" bell on special order.

S-23 Super Bass Trombone (illustrated), double trigger (B \flat -F-E), formfit case

The Super Bass Trombone is a truly symphonic instrument—with extra-large bore and bell, specially-designed oversize matching mouthpiece, tuning in the slide for better balance and reduced weight, and an effortless tone production which offers tenor-trombone-like upper range and sonorous low tones. Offered with 9" bell (also available with 10" bell on special order). Rotary change to F.

S-20 Super Bass Trombone (B \flat -F), formfit case (not illustrated)

Opera: This is the extra large bore Opera tenor equipped with rotary valve to F. Solid nickel-silver construction with 8½" bell, the instrument comes with mouthpiece adapter to accommodate any tenor mouthpiece desired.

O-23 Opera Bass Trombone, F attachment, deluxe case

Recording Symphony: Recording Symphony model bass combines all of the famous Recording features—Re-O-Loy bell and solid nickel-silver slide section—large bore—rich engraving—fluted slide—and adds the rotary F trigger for extra range and facility.

R-20 Recording Symphony Bass Trombone (illustrated) deluxe case

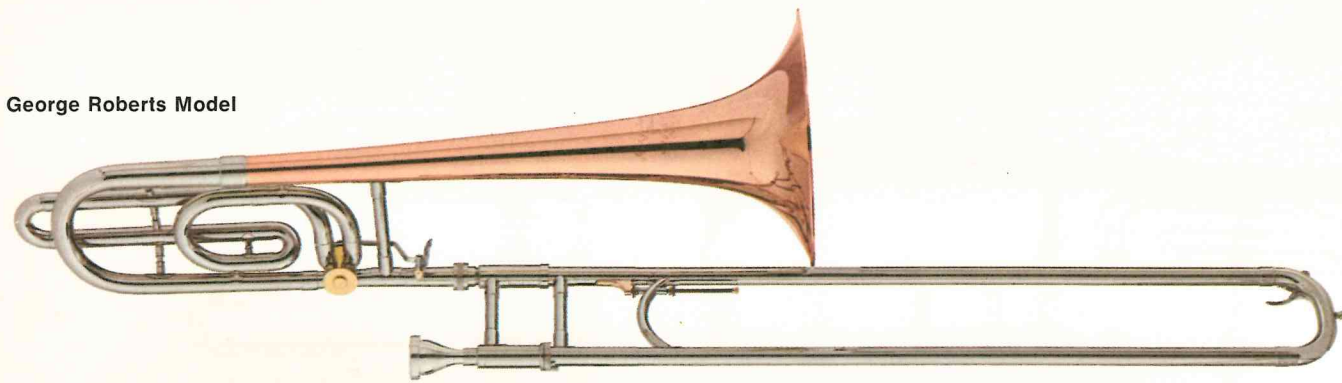
Valve: With this valve trombone, Olds has maintained true trombone tone, unusually fine intonation and lightning-fast valve action. A versatile instrument for the "swing" man in a brass section who fills out both the trumpet and trombone choir, or for the trombone or baritone specialist who likes to feature the unusual. The valve section can be purchased separately and fits all Olds tenor trombone bells made since 1950 except the Opera models. The case accommodates an extra slide section.

O-20 Valve Trombone, oval gladstone case
Valve section only (special order)
Extra Slide section (special order)

Ambassador (not illustrated): Another Olds first—a large bore tenor trombone with F attachment at a popular price. Music educators recognize the plus values of its added range, sonority and technical facility in their trombone sections. There's a new respect for it as a beginner instrument too—those "impossible to reach" sixth and seventh positions can be played in first and second by the use of the trigger. It is a well balanced and lightweight trombone even with its 8½" bell, large bore and solid construction.

A-20 Ambassador Bass Trombone in B \flat and F, deluxe case

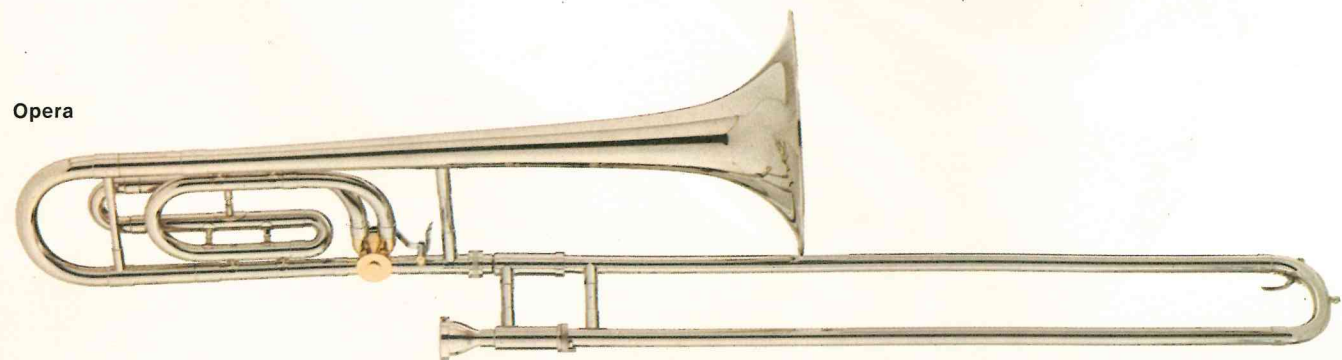
George Roberts Model



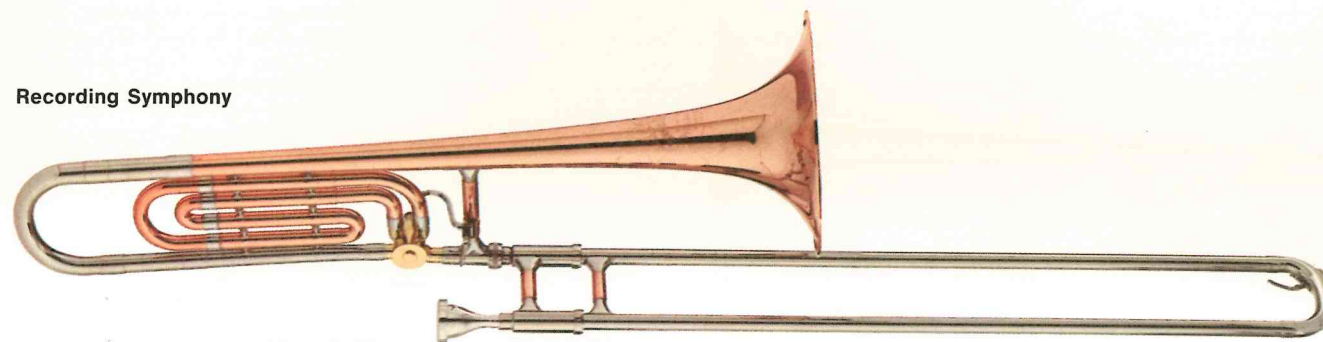
Super



Opera



Recording Symphony



Valve



FRENCH HORNS

Features

1/The protective coating applied to Olds instruments has been found by independent test laboratories to possess outstanding characteristics. Subjected to chemical spray and abrasion tests, the Olds epoxy coating demonstrated extreme durability. Absolutely transparent, it is the most durable coating in the industry, and assures the Olds owner of lasting beauty and protection for his instrument.

2/The plus values of bell spinning combine metals in the bell sections for additional harmonics and tone color without distortion. The work-hardened product has given Olds its famous "Re-O-Loy," "Brilliant" and "Spectrum Tone" bells. The manufacturing method which makes this possible is of equal importance even on bells of the same alloy, where the spinning of the outer bell joined to the work-hardened inner bell produces a dent-resistant metal and additional tone color.

3/"Re-O-Loy"—the alloy used on Olds Recording bells—is an example of the cooperative research engaged in by Olds in conjunction with the metals industry. The tonal properties, ductility, and strength of metallic combinations are varied to produce the exact properties specified by Olds. The net result—a custom-crafted basic material which, in the skilled hands of Olds craftsmen, produces finer, more durable instruments with extra tonal color and interest.

4/Every Olds instrument has response and musical individuality which sets it apart. For example, the "Tone Control" band of pure nickel-silver spun on to every Super bell reduces vibration and results in power-controlled tone, the trademark of the Olds Super model. Here is Olds ingenuity in producing a specific end result—and something like it is a part of every Olds.

5/Olds pioneered the development of the conical approach to slide trombone bore which helps produce a full, rich tone. On all models except the extremely large bore bass and Opera tenor models, Olds slides are dual bore—the mouthpiece side expanding through a conical tapered bow into the larger diameter bell side slide. In addition, on all tenor models, the tuning slide is conically tapered to provide gradual expansion of the bore into the bell section, evidence of Olds design and engineering skill where the smallest construction detail contributes to the finest in musical instruments.

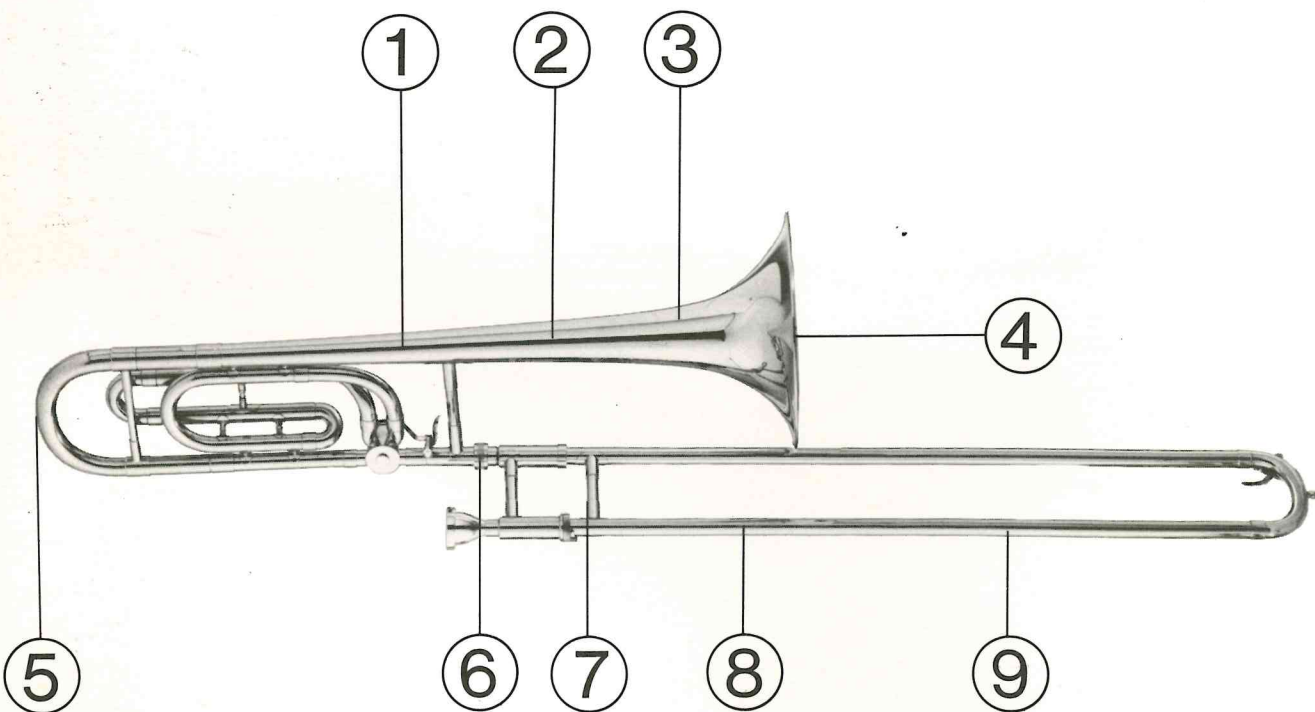
6/For safety and player comfort, Olds tenor trombones are supplied with both bell and slide locks. Light in weight, easily adjustable, and positive in setting and maintaining bell and slide position, these locks contribute to player comfort and instrument durability.

7/The purpose of a brace is to provide strength and rigidity. Olds bracing design goes several steps further however by reducing weight, offering clean, attractive design, and placement which never dampens the vibrating air column or interferes with balance and a comfortable hand grip.

8/The slide sections are drawn to exact dimensional size from mill stock to assure close tolerance, exact gauge of the metal, and feather-touch action. The mill tubing is supplied in heavy gauge and in the drawing process is pulled out to 2 times its original length, reduced 50% in wall thickness, made perfectly round (or fluted on some models), and work-hardened to form a perfect and lasting slide action. All inside slides are special nickel-silver alloy, chrome-plated. Outside slides are either special alloy brass or nickel-silver, depending on the model.

9/A patented feature on Super and Recording trombones, the Olds fluted slide avoids slide friction by reducing the contact area on inner and outer slides by 75%, and still prevents air loss by its close-tolerance round stocking. The raised sections of the fluting act as ball bearing surfaces for fast slide action, and the depressed sections carry and evenly distribute the oil and water lubricant on the outer slides, thus maintaining the thin barrier of lubricant between the inner and outer slides.

6



Double French Horn: This professional double horn in F and B \flat offers a unique combination of vibrant, centered response (made possible through the use of extra-thin, special-alloy solid nickel-silver) and unusual strength and bracing in bell and mouthpiece sections. The characteristic tonal and dynamic range of the double horn is fully exploited and the intonation and quality of tone is well balanced between F and B \flat sections.

Trouble free and long lasting oversize rotor bearings with oil receiver screw for lubricating inaccessible bearing. Flat nickel-silver key spatulas which are comfortable and durable. Rounded tubing bends eliminate moisture pockets. Positive short-stroke B \flat thumb key with direct entrance to the third valve, separate tuning adjustments—master, F section, and B \flat section.

O-48 Double French Horn, (illustrated) deluxe Vac-A-Bond case

5-Valve B \flat French Horn: The 5-Valve B \flat French Horn answers the needs of more and more top professionals. To the accuracy of the single B \flat horn has been added the thumb valve for muting and the fourth valve which lowers the pitch to F. This offers technical facility and more alternate fingerings without change in tone color.

O-49 5-Valve Single B \flat French Horn, deluxe Vac-A-Bond case (not illustrated)

Double French Horn: In polished, clear-lacquer brass, this double French Horn shows characteristic Olds attention to details of bracing, styling, and player comfort. The Olds method of bracing which separates the tubing allows free vibration and undistorted harmonics for extra tonal color.

Trouble free and long lasting oversize rotor bearings with oil receiver screw for lubricating inaccessible bearing. Flat nickel-silver key spatulas which are comfortable and durable. Rounded tubing bends eliminates moisture pockets.

O-45 Double French Horn, (illustrated) deluxe Vac-A-Bond case

Ambassador Single B \flat : The Ambassador Single B \flat horn meets every requirement of the growing number of music educators who favor the B \flat because of its higher pitch, resulting in greater accuracy in the upper range without discernible change in tone color. A-48 Ambassador B \flat French Horn, case (illustrated)

4-Valve B \flat French Horn: To the basic advantages of the single B \flat horn, Olds has added a thumb muting valve for needed compensation on stopped-horn passages. Comes equipped with extra tuning slide when used with valve slides pulled to indicate length. E \flat horn parts can be played without transposition.

O-41 4-Valve B \flat French Horn, Vac-A-Bond Case (not illustrated)

Single F French Horn: This nickel-silver single horn has the same vibrancy and centered tone which characterizes its double horn counterpart. Built in F—available with extra E \flat slide. O-40 Single F French Horn, deluxe Vac-A-Bond case (illustrated)

Ambassador Single F: The affectionate regard which educators have for this single horn in F results from its durable construction, easy and accurate tone production, and traditional French Horn tone.

Trouble-free and long lasting oversize rotor bearings with oil receiver screw for lubricating inaccessible bearing. Flat nickel-silver key spatulas which are comfortable and durable. Rounded tubing bends eliminate moisture pockets.

A-45 Ambassador Single F French Horn with Vac-A-Bond case, available with extra E \flat slide (not illustrated)

Ambassador Bell Front Alto: An increasing number of college and high school bands find that an integral harmony part in their music cannot be competently played "on the march" by the French Horn section. To answer this need, Olds has the Ambassador Bell Front or "Marching" Alto, for the achievement of tonal balance for parades and use during the football season. This instrument is attractively priced so that schools can afford them as seasonal doubles for their French Horn players. Built in F and supplied with extra E \flat tuning slide, the Bell Front Alto is also an ideal beginner instrument for younger bands.

A-44 Ambassador Bell Front Alto in Vac-A-Bond case

A plus value of the Bell Front Alto is its robust tone on the inner voices for the marching band. Olds provides every Bell Front Alto with an extra French Horn mouthpiece and mouthpiece adapter. Here's a chance for players to punch out parts without having to adapt a hard-won French Horn embouchure to the larger alto mouthpiece and then re-adapt for the concert and contest season. It's a real transition trainer for the converted cornet player too. A two-stage approach to French Horn mysteries: (1) first, embouchure training without the uncertainties of exacting tone placement and new fingering; (2) then, the easy move to French Horn itself after the embouchure is set.

Ambassador Mellophone: Providing inner voicing for the younger band, the Ambassador Mellophone provides a robust yet "covered" tone, good intonation, durable construction, and fast, typically Olds valve action. Here is the answer to the quick changeover of beginning cornet players to an alto voice without the time lag needed to learn the French Horn. Built in F—supplied with extra E \flat tuning slide.

A-40 Ambassador Mellophone in case (illustrated)

Ambassador Rotary Mellophone: The addition of a rotary valve to the Ambassador Mellophone provides for a quick change from F to E \flat —avoiding the necessity for changing tuning slides or transposition. Just pull valve slide to indicated positions and change rotor from F to E \flat marking.

A-43 Ambassador Rotary Mellophone in case (not illustrated)



BARITONES

Features

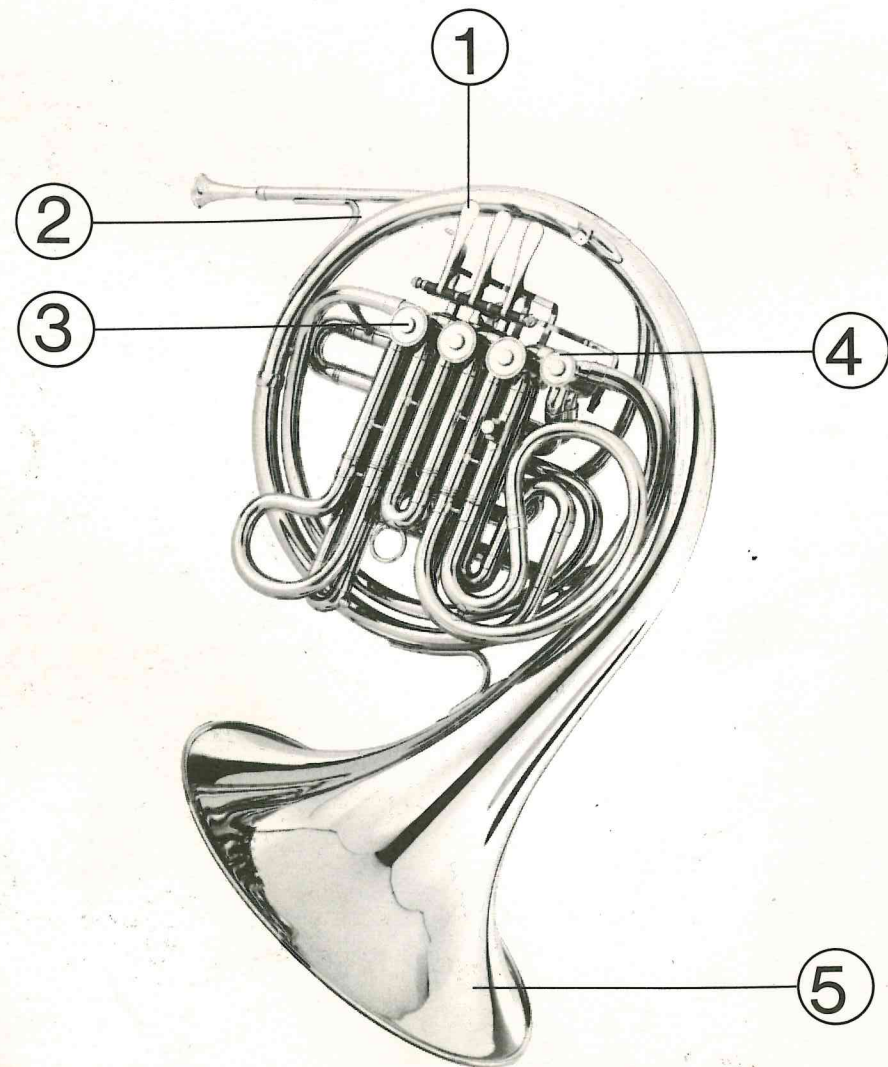
1/Keylevers are made from flat stock (instead of castings) for greater durability, and are shaped for ease of playing and to prevent slipping.

2/The purpose of a brace is to provide strength and rigidity. Olds bracing design goes several steps further, however, by reducing weight, offering clean, attractive design, and placement which never dampens the vibrating air column or interferes with balance and a comfortable hand grip.

3/Rotary valve design and workmanship is a key part of Olds French Horn superiority. Fast action is assured by perfect fitting of every part, and the oversize top and bottom bearings distribute the friction load over a wide surface with less wear and longer life.

4/To provide a simple and positive method of oiling the rotors without taking them apart, Olds has a screw cap on the bottom bearing which covers an oil reservoir. When the oiling screw is replaced, it forces the lubricant on to otherwise inaccessible bearing surfaces.

5/The protective coating applied to Olds instruments has been found by independent test laboratories to possess outstanding characteristics. Subjected to chemical spray and abrasion tests, the Olds epoxy coating demonstrated extreme durability. Absolutely transparent, it is the most durable coating in the industry, and assures the Olds owner of lasting beauty and protection for his instrument.



Studio: The Studio baritone helps the advanced player achieve that velvety tone and singing quality for which the instrument is so justly famous. The basic scale has been laid out to avoid the known intonation problems on the low valve combinations, the solid nickel-silver bell contributes to the matchless tone and quick response. The solid bracing and balance of the Studio tells the story of Olds craftsmanship and design know-how.

T-26 Studio 4-Valve Baritone (illustrated), adjustable bell, Vac-A-Bond case (added fourth valve for intonation adjustment and increased technical facility)

T-30 Studio Baritone, fixed bell, (illustrated) Vac-A-Bond case

T-31 Olds Studio Baritone, 3rd valve trigger tuning, fixed bell, (not illustrated) Vac-A-Bond case

T-25 Studio Baritone (illustrated) adjustable bell, Vac-A-Bond case

T-27 Olds Studio Baritone, 3rd valve trigger tuning, adjustable bell, (not illustrated) Vac-A-Bond case

Ambassador: Educators specify the Ambassador baritone because of its fine intonation, strength and playing ease. Well-balanced side-action valve placement, quiet and fast action, reinforcing caps and guards at vulnerable points, and a full, singing tone quality characterize these baritones.

A-30 Ambassador Baritone (illustrated) fixed bell, Vac-A-Bond case
A-31 Ambassador Baritone 3rd valve trigger tuning, fixed bell, (illustrated) Vac-A-Bond case

A-25 Ambassador Baritone, (illustrated) adjustable bell, Vac-A-Bond case
A-26 Ambassador Baritone 3rd valve trigger tuning, adjustable bell, (not illustrated) Vac-A-Bond case

A-35 Ambassador Upright Baritone (illustrated) case (The Upright or American model with horizontally mounted valves, enables player to hold instrument at an angle across the body without obstructing his view of the conductor)



Features

1/The plus values of bell spinning combine metals in the bell sections for additional harmonics and tone color without distortion. The work-hardened product has given Olds its famous "Re-O-Loy," "Brilliant" and "Spectrum Tone" bells. The manufacturing method which makes this possible is of equal importance even on bells of the same alloy, where the spinning of the outer bell joined to the work-hardened inner bell produces a dent-resistant metal and additional tone color.

2/The latest improvement in lacquer chemistry, combined with new methods of pre-heating and oven-baking of the finished product emphasizes the brilliant luster of Olds color-buffing. The extra-heavy, plastic lacquer coating assures the Olds owner lasting beauty and protection for his instrument.

3/Olds manufactures three different bell types on its baritones.

a. The adjustable bell-front model has the advantage of rotating the bell in any direction, with flange set-screws to hold it firmly in the desired position.

b. The fixed bell-front model has been gaining favor in recent years since there is less chance of bell damage when adjustments are made or the bell is loosened for change. There are no adjusting screws to come loose and vibrate, or become lost.

c. The upright bell model is made in the "American" style with valve section mounted horizontally so the player can cradle the instrument at an angle across his body. In this manner he can place the bell to give an unobstructed view of conductor and music.

4/The lightning-fast valve action on all Olds valve instruments is the product of design and engineering know-how implemented by quality control which holds tolerances to plus or minus .0001 of an inch. The over-sized heavy-gauge valve springs distribute the load evenly and prevent "piston bounce" on the return stroke. Centerless grinding of valves and pistons assures a "perfect round" and, after special-alloy nickel-plating, each piston is hand-fitted into its matching valve. The specially-constructed single-slot spring guide and valve seat holds the spring firmly in place, centers its action, and assures the fast and trouble-free valve action which is an Olds tradition.

5/The purpose of a brace is to provide strength and rigidity. Olds bracing design goes several steps further, however, by reducing weight, offering clean, attractive design, and placement which never dampens the vibrating air column or interferes with balance and a comfortable hand grip.

TUBAS SOUSAPHONES

8



O-96 Fiberglass Sousaphone: Olds introduces a new concept in design and mechanical excellence with this model. Full-size bore (just like the O-95 in brass)—not a scaled-down version. Exceptionally smooth bore and outer surfaces due to advanced techniques utilized in molding the fiberglass sections. Unusually strong joints. Junction braces for the valve section are imbedded in the fiberglass rather than bolted through the material so there are no projecting surfaces on the inside bore. No waves in the interior bore to create turbulence in the vibrating air column.

Valve and slide section easily detached by unscrewing four lug nuts—simplifying repairs and shipping either body or valve section. Extremely durable and dent-resistant, comfortably lightweight.

Available in gold, silver or white as stock colors—other colors available on special order at slight additional charge.

O-96 Fiberglass Sousaphone, case extra

O-98 Recording Bass: The O-98 Recording Bass is the newest of the professional instruments developed by Olds Engineering and Research. In response to the need for a full-bodied, quick-responding instrument. Olds has engineered this bass to meet every requirement. Special features include the choice of upright or recording bells, and unusually fine intonation in the upper register. Olds bracing, rugged leader pipe construction and solid guards against dent damage are retained. The O-98 offers new advances in tone quality, intonation and playing ease.

O-98 Recording Bass, case extra (available January 1967)

Upright Tuba: The Olds upright BB \flat tuba is an American model with side mounted valves, 16" bell, full BB \flat resonance. Weight is approximately 16 lbs., intonation and response are excellent and it has proven capable of meeting the needs of every player from grade-school band through professional performance.

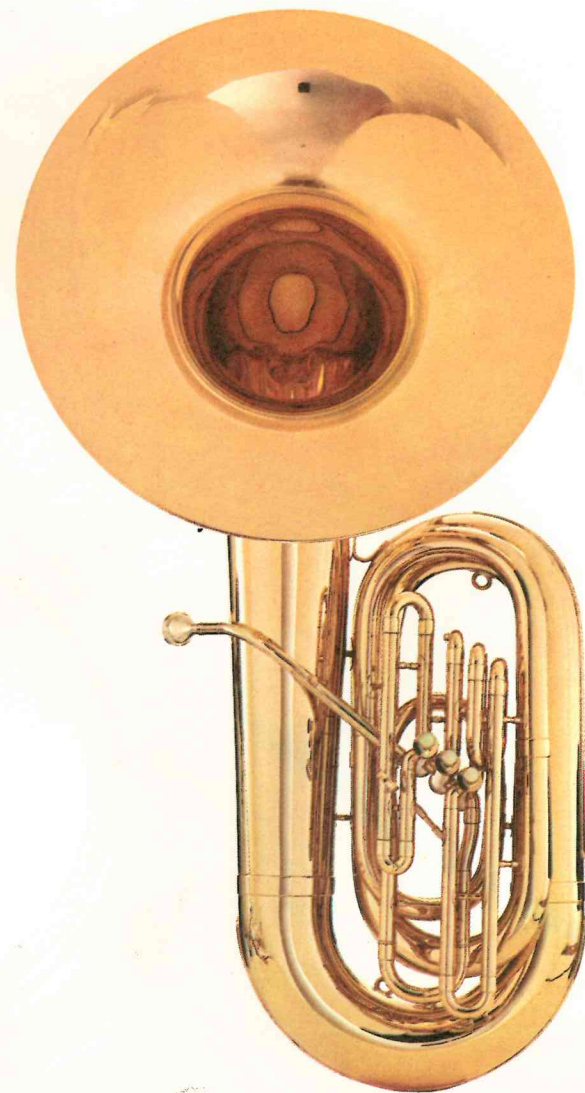
O-99 Upright BB \flat Tuba, case extra

BB \flat Sousaphone: This instrument meets all accepted Sousaphone standards. Weight is within the limits of easy portability, yet heavy enough to back up "Double B \flat " resonance. Olds sousaphones feature the ultimate in bracing and protecting guards. The vulnerable mouthpiece section is a marvel of counter-balancing braces. The back of the bell and other exposed sections, on which the instrument is rested when not in use, are reinforced with metal plates. The entire rim section is protected from dents by a strip of solid rod. The entire valve section is easily detachable to facilitate shipping of either body or valve section. Fully adjustable 26" bell. Safety-lock bell screws. Mouthpiece adjusting bits are easily moved to accommodate every body angle.

O-95 BB \flat Sousaphone, case extra (illustrated)

20 Sousaphone: The lightweight BB \flat sousaphone has all of the tonal characteristics of its bigger brother. With a "20" bell, slightly smaller bore, and weight subtracted only where it does not affect tone, this model is the answer to the problem of the younger school band where weight is a factor but where tone quality and intonation are important. Easy to carry on the march, it is sturdily built, durably braced, and reinforced at all critical points.

O-97 Olds "20" Sousaphone, case extra (not illustrated)



Features

1/The latest improvements in lacquer chemistry, combined with new methods of pre-heating and oven baking of the finished product emphasizes the brilliant luster of Olds color-buffing. The extra-heavy, plastic lacquer coating assures the Olds owner lasting beauty and protection for his instrument.

2/The purpose of a brace is to provide strength and rigidity. Olds bracing design goes several steps further, however, by reducing weight, offering clean, attractive design, and placement which never dampens the vibrating air column or interferes with balance and a comfortable hand grip.

3/Easily adjustable mouthpiece and extension bits provide for player comfort and proper playing position regardless of individual physical differences. Adjusting bits are machined to close tolerance tapers to hold positions, once adjusted.

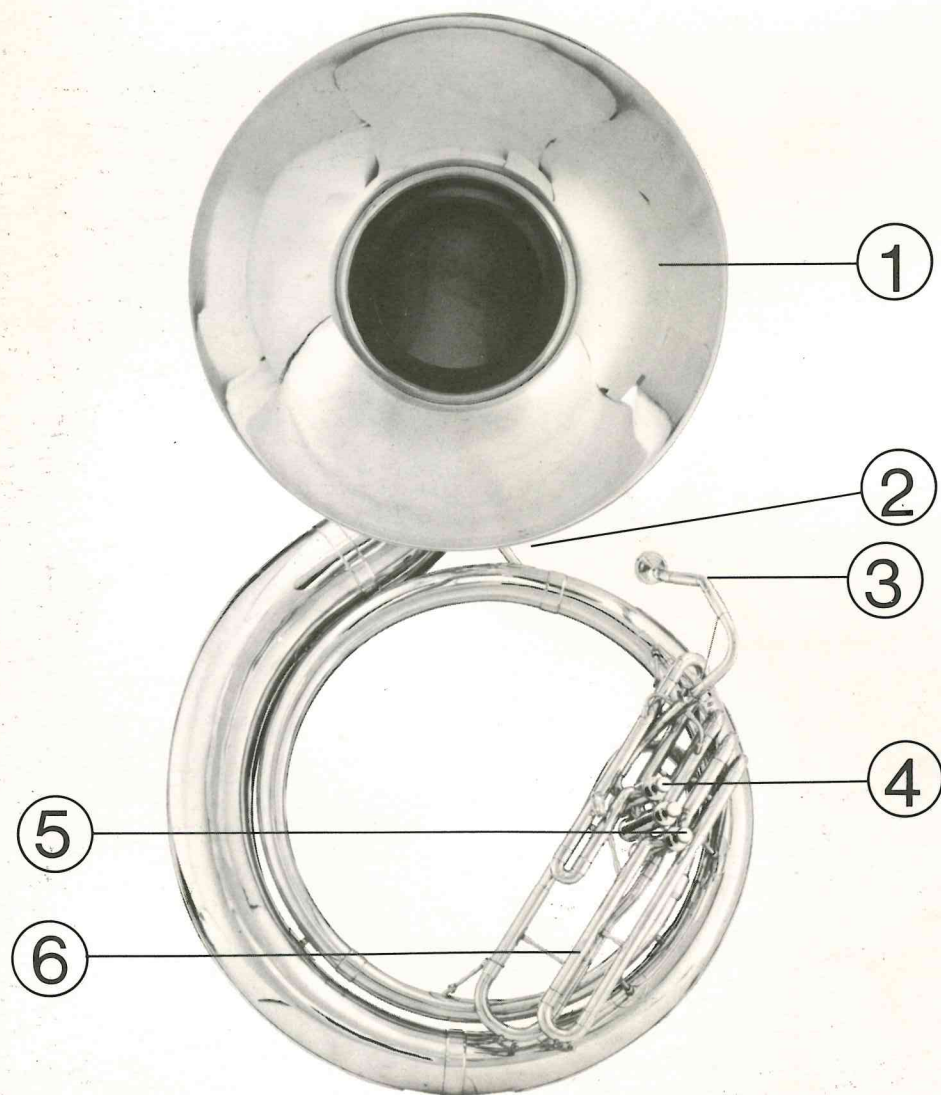
4/The lightning-fast valve action on all Olds valve instruments is the product of design and engineering know-how implemented by quality control which holds tolerances to plus or minus .0001 of an inch. The over-sized heavy-gauge valve springs distribute the load evenly and prevent "piston bounce" on the return stroke. Centerless grinding of valves and pistons assures a "perfect round" and, after special-alloy nickel-plating, each piston is hand-fitted into its matching valve. The specially-constructed single-slot spring guide and valve seat holds the spring firmly in place, centers its action, and assures that fast and trouble-free valve action which is an Olds tradition.

5/Tubas made in the American style with horizontal valves for better hand position and proper view of conductor—you see around, not through an Olds Tuba.

6/Olds fiberglass and metal sousaphone design allows for fast and simple removal of the entire valve and slide assembly for easy repair of either body or valve section. No delicate valve areas in the way when the repairman works on the body—no clumsy body section to balance and carry when working on valves, pistons or slides.

SAXOPHONES DOUBLE REEDS

9



Saxophones: Combining the talents of Olds engineering and styling with centuries-old woodwind experience and sensitivity of one of France's best saxophone producers, the Parisian Ambassadors feature trouble-free dependable performance and accurate intonation. From the outside mounted bell keys to the fast and accurate octave key mechanism there is a happy blend of precision design and hand craftsmanship. There's fine intonation, light yet positive key action. The sculptured keys seem to be custom-made for every hand. And every Parisian-Ambassador offers in addition: Drawn tone hole sockets, easily-demountable key guards, nickel-plated keys, solid nickel-silver rods with pivot screws, extra-strong bell-to-body and neck-pipe bracing. Shaped-post bases conform to body curve and offer extra-large solder area.

P-60 Parisian Ambassador Alto Saxophone, deluxe case
P-65 Parisian Ambassador Tenor Saxophone, deluxe case
P-70 Parisian Ambassador Baritone Saxophone, deluxe case

Double reeds: The Olds bassoons, with well-aged curly maple bodies, extra strong nickel-silver keys and rods, and multi-coated hand rubbed finish meet every bassoonist's requirements. Supplied with two bocals with whisper key. Fine intonation, accurate bore, and lasting adjustment tell the full story of the bassoonmakers' art.

Opera: Additional Opera features include: Individually fitted pad cups, individual spring posts for heavy bass and boot joint springs, body lock, hand rest, roller keys, heavy nickel-plating.

O-90 Opera Bassoon, deluxe case (not illustrated)

Special (illustrated): *L-90 Special Bassoon, deluxe case*

Oboes: The Olds oboes feature plateau mechanism on all models, fine intonation, resonant tone and accurate, trouble-free keywork for immediate response and lasting adjustment. Only the most carefully selected, close-grained Grenadilla wood is used. The solid nickel-silver keys and rods are heavily silver-plated. The double octave-key mechanism is positive and fast. Smoothly tapered bore supplies the dark, rich tone demanded by fine players. All models have plateau keys. Each instrument is supplied with a tested, handmade reed, and is carefully inspected and adjusted by a symphony oboist before shipment.

Plataux: The Olds Plataux is a full conservatory system with fork F resonance key, low B-C# trill, right-hand alternate C key, high B-C# trill.

O-80 Plataux Oboe, case

Ambassador A-85 Ambassador Oboe, full conservatory system, case (not illustrated)
A-80 Ambassador Junior Oboe, without low B \flat key, case
A-83 Ambassador Junior Oboe, plastic body, without low B \flat key, case (not illustrated)



Features

1/All keys, hinges, and posts are one-piece, drop-forged for additional strength and accurate dimensions.

2/Solid nickel-silver rods with tapered pivot-screws offer better adjustment and fewer repair problems.

3/Drop-forged buttresses carrying rods for upper-stack keys eliminate old style soft-cast posts.

4/Nickel-plated keys—impervious to wear and attractively contrasting in appearance.

5/Low B \flat -B-C keys on outside of saxophone body to prevent interference with clothing when instrument touches body. Rod and hinge mechanism engineered for extra leverage and silent action with roller-hinge foot not touching saxophone body.

6/Olds offers in the Parisian-Ambassador Saxophones drawn tone hole sockets, so there is not the slightest chance for leakage from a pin-hole in a solder joint.

1/Bassoon bodies are made from select and fully seasoned Maple. The several coats of lacquer covering the wood are hand-rubbed and richly lustrous.

2/Two bocals are supplied for intonation adjustment each with whisper key for quick and accurate response.

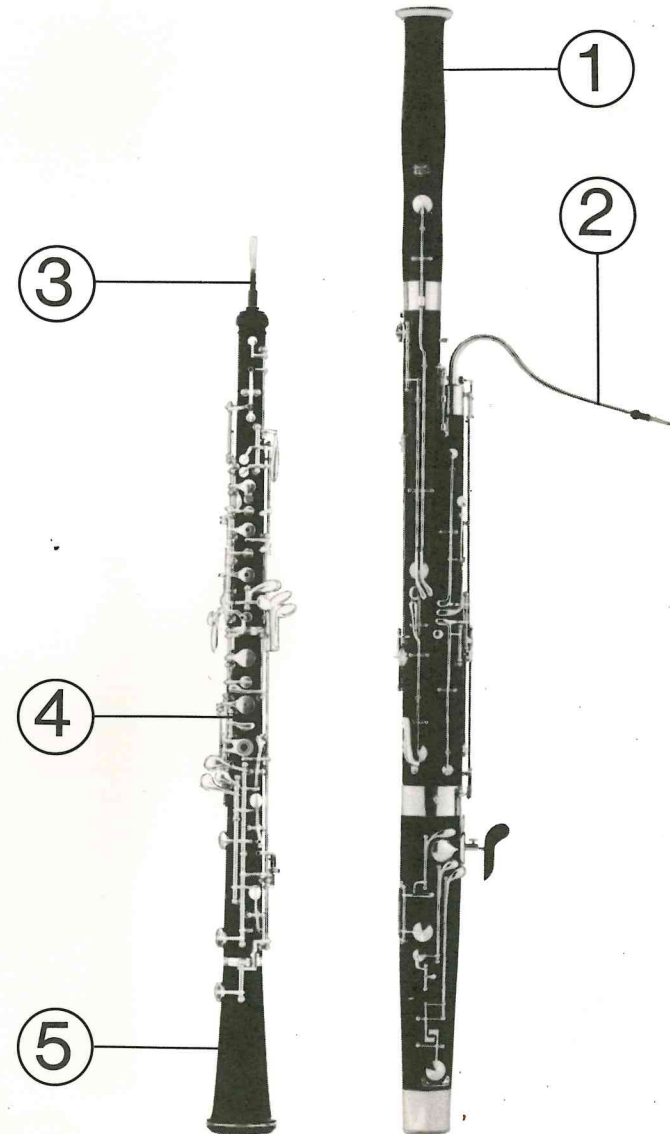
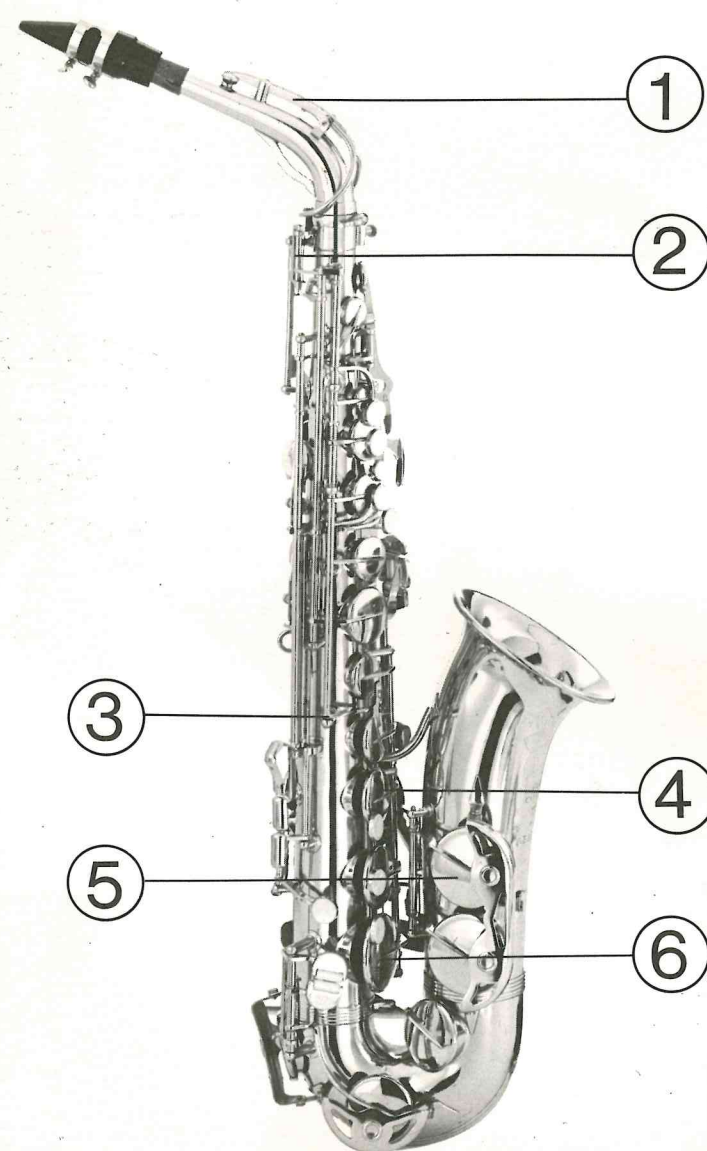
3/Each oboe is tested and personally adjusted by a symphony oboist before shipment and supplied with a hand-made reed.

4/Solid nickel-silver plateau keys and rods, silver-plated, on every model, offer strength and adjustability.

5/Oboe bodies of select, close-grained grenadilla wood are carefully seasoned and chosen for straight grain and dense structure. Both wood and plastic models are available and are resistant to humidity and temperature changes.

CLARINETS

10



Opera: The Opera Clarinet is a professional instrument featuring the most select grenadilla wood, silver-plated keys for that artist "feel," under-cut tone holes, hand-fitted key-work and superb adjustment with post-locking screws. A special tapered bore combines fine intonation, rich clarinet tone, and an even response in every register.

O-55 Opera Clarinet, deluxe case

Studio: The Studio is a professional clarinet of close-grained grenadilla wood, silver-plated keys, post-locking screws and fine intonation. Every instrument receives careful inspection and artist adjustment on completion and again before shipment to a customer.

T-55 Studio Clarinet, deluxe case

Parisian Ambassador: In this model Olds combines the basic qualities of fine intonation, excellent adjustment and responsiveness with the durability and beauty of nickel-plated, forged nickel-silver keys. From bell to barrel the close-grained grenadilla wood emphasizes the typical Olds insistence on quality in every price bracket. The mouthpiece is specially designed to accommodate the student embouchure. An ideal student instrument.

A-55 Parisian Ambassador Clarinet, case

Duratone B \flat : A quality student instrument in the fine line of Olds woodwinds, this durable resonate plastic clarinet features nickel-silver, nickel-plated keys; careful assembly and precise adjustment of keys, pads and springs; unusually fine intonation and response; and the assurance of stability and strength which the special resonate plastic body offers every owner—these are just a few of the features found in this excellent clarinet. Strong, attractive, formed plastic case with room for music too.

O-50 Olds Duratone B \flat Clarinet, case

Alto Clarinet, Bass Clarinet: Completing the clarinet choir and providing added strength and character to the lower woodwind voicing the Olds Alto and Bass Clarinets offer excellent intonation, full-bodied tone and trouble-free construction. Bodies are select, close-grained grenadilla wood, and bells and necks are solid nickel-silver. Key spacing is comfortable, and the keys and long hinge-rods of high nickel content nickel-silver are well supported and stay in adjustment. Heavy spring posts are locked to prevent turning, and both models have compact and durable cases with nickel-plated hardware.

L-50 Special Alto Clarinet, case

L-53 Special Bass Clarinet, case

A Note About Olds Clarinets: Produced by artisans to meet exacting Olds factory specifications, Olds clarinets offer models which combine the essentials of intonation, tonal quality, rigid nickel-silver keys and hinge rods, smooth accurate bore, careful adjustment and padding. Carefully selected, close-grained grenadilla on all wood models. There's real value and incomparable quality in every Olds clarinet—backed up by the Olds reputation and proven guarantee.



Features

1/The Olds Duratone Clarinet is made from a special, durable, resonate plastic which is moisture and crack-proof and practically invulnerable to breakage. Extremely strong and durable, the Duratone material is ideal for the student instrument.

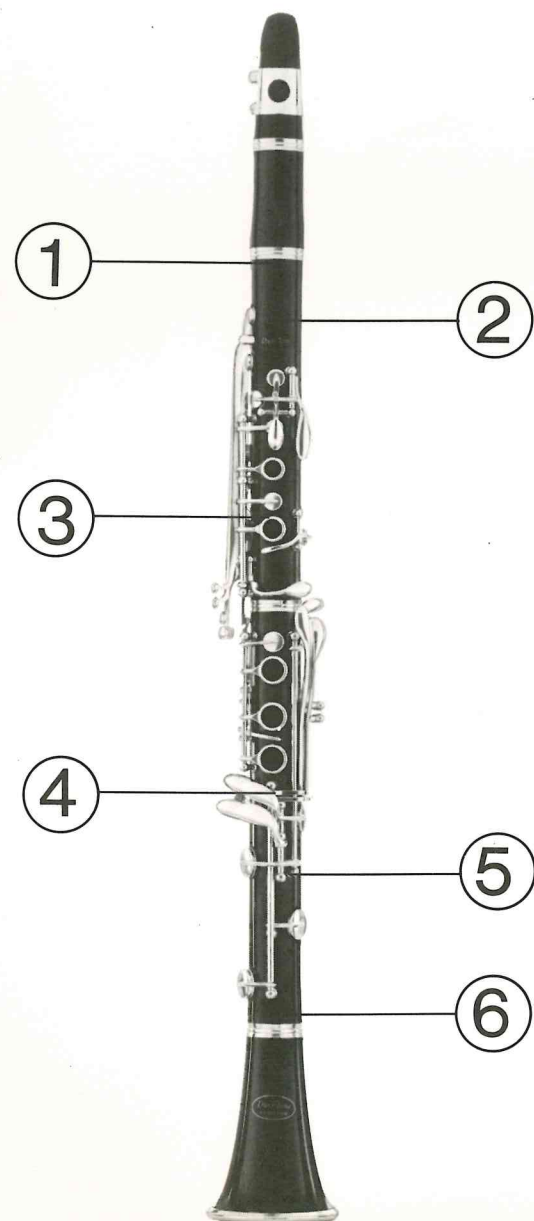
2/Olds wood clarinets are made from carefully selected, close-grained grenadilla—aged and seasoned, quarter-sawed and turned, center-bored and slowly air-dried to definite humidity tolerances. Resistant to humidity and temperature changes.

3/The glass-smooth bore and tone holes reflect the finest and most accurate cutting tools available and assure tone production without turbulence or distortion of the sound wave.

4/Keys are solid-nickel silver, pressure-forged to produce the utmost in density and strength. Nickel, chrome, or silver-plated for long wear, beauty and the proper feel under the player's hands.

5/Post-locking screws are used at all spots where the length of the hinge rod requires stronger springs.

6/The tapered bore concentrates and refines the tone, provides the necessary resistance for perfect intonation, and still offers a freedom of response, allowing relaxed performance.



Wm. S. Haynes Models: The name Wm. S. Haynes on flutes and piccolos is synonymous with product integrity, skilled craftsmanship, and a complete understanding of the technical and artistic demands of the advanced player.

Leading exponents of the flute makers' art for almost three quarters of a century, Haynes' attention to detail, meticulous workmanship, and service has placed their instruments in virtually every major orchestra in the world.

Wm. S. Haynes originated the metal flute and piccolo, and their continuing research and single-minded attention to improving flute performance has produced a consistently superior instrument.

The list of artist performers using Wm. S. Haynes instruments is a "Who's Who" of the flute world, and the world-wide acceptance of the product is matched only by the deep interest the Haynes factory retains in every flute and piccolo they make.

- Regular Model Flute, covered holes*
- Handmade Flute, covered holes*
- French Model Flute, handmade*
- Alto (in G) Flute, covered holes*
- Piccolo, conical bore (C for orchestra)*
- All instruments shipped with case and swab*
- All flutes with B \flat shake unless otherwise ordered*
- B foot joint extra*

Flute



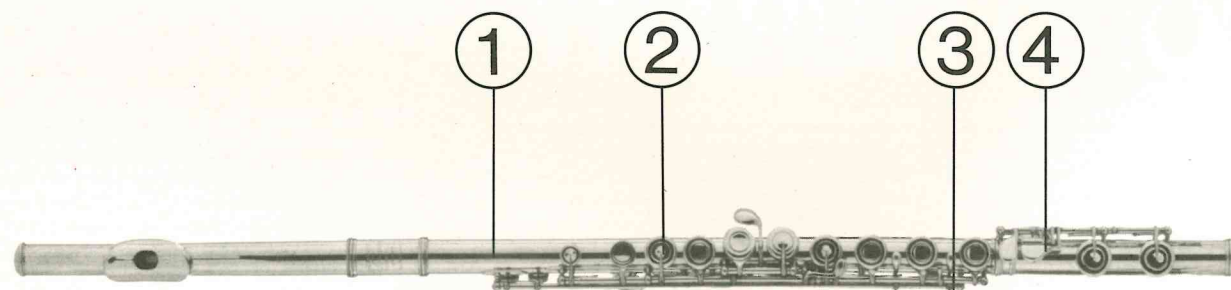
Features

1/The solid nickel-silver or solid silver body is strong and resistant to shock and bending. Silver or nickel-plated for additional wear and attractive appearance.

2/Drawn tone holes, pulled from the flute body itself, rolled, and accurately machined, insure against leaks.

3/Adjusting screws are used wherever possible to provide quick and accurate adjustment and leak-proof pad coverage.

4/Solid, nickel-silver keys and rods offer strength and continuing adjustment.



SPECIAL FINISHES

All requests for special finishes are placed on order with the factory on a non-cancellable basis and normally require 2-3 weeks for fabrication. Normally supplied in Finish 10; there is an additional charge for any other finish except Finish 20 on Ambassador trumpets, cornets and trombones.

Finish 10	(Formerly 1)	"Clear Durabel" Lacquer
Finish 20	(Formerly 1½)	Satin silver, silver bell
Finish 30	(Formerly 2)	Satin silver, gold bell
Finish 40	(Formerly 2½)	Bright silver, silver bell
Finish 50		Bright silver, gold bell
Finish 60		Nickel plated

MOUTHPIECES

Cornet or Trumpet

- No. 1**/Medium large, deep cup.
- No. 2**/Extra wide cushion rim, medium width and depth of cup.
- No. 3**/Recommended "average" mouthpiece. Medium cup, medium deep, semi-cushion rim.
- No. 4**/Cushion rim model, medium small and shallow cup.
- No. 5**/For high registers. Small, shallow mouthpiece.

Mendez Cornet or Trumpet

- No. 1**/Exactly as used by Mendez.
- No. 2**/For Trumpet only—Mendez rim with slightly shallower cup.

(All Cornet mouthpieces available on special order with a shank which fits the old-style Olds Cornet mouthpiece receiver—for instruments carrying serial numbers below 189611.)

Trombones

- No. 1**/Large and deep.
- No. 2**/Medium large and deep cup.
- No. 3**/Medium throughout. Regular equipment with Olds Trombones.
- No. 4**/Cushion rim, medium shallow and small cup.
- No. 5**/For high register playing. Relatively small and shallow.
- No. 15**/Used only on Opera Tenor and Bass.
- No. 20**/Used on Super Bb-F and Super Bb-F-E Bass Trombone.

(Ambassador and Recording Symphony Bass use the No. 1 mouthpiece.)

French Horn

- No. 1**/Large deep cup.
- No. 2**/Medium dimensions, all around model.
- No. 3**/For high registers. Regular equipment with Olds French Horns.

Miscellaneous

- No. C-1**/C Trumpet:
- No. D-1**/D Trumpet:
- No. F-1**/F Alto Trumpet:
- No. 17** /Flugel Horn:
- No. 27** /Mellophone:
- No. 44** /Bell Front Alto:
- No. 10** /Baritone:
- No. G** /George Roberts Trombone:
- No. F** /F Alto Trombone:
- No. 14** /0-95, 0-96 Sousaphone:
- No. 97** /0-97 Sousaphone and 0-99 Tuba:

Olds Valve Guards

for Cornet or Trumpet
Top grain leather, laced—available in red, green, blue and white.

RECORD LIBRARY

Mendez Album no. 3 Decca—"Trumpet Extraordinary." Three solos, four trios with Rafael Mendez and his twin sons, Robert and Rafael, Jr. The Brave Matador, A Trumpeter's Lullaby, Chunca, The Tre-Mendez Polka, Chiapanecas Cara Nome, Polka in the Box, Flight of the Bumble Bee, Hejre Kati, Estellita, Dark Eyes, Hora Staccato, Valse Bluettes. DL-8427—Mono; DL-78427—Stereo.

Mendez Album no. 4 Decca—"Trumpet Spectacular." Gallito, Flirtation of a Trumpet, Valse Suriano, Clarinet Polka, Nena, Bugler's Holiday, Hadyn: Concerto in E Flat for Trumpet and Orchestra. DL-4351—Mono; DL-74351—Stereo.

Mendez Album no. 5 Decca—"The World's Most Versatile Trumpeter." Danse Polovtsienne, Musetta, Paper Doll, Hungarian Dance No. 5, Habanera, Scherzo in D Minor, Jota No. 2, Bewitched, Hungarian Chant, Laura, Dance of the Comedians, Over the Rainbow. DL-8624—Mono.

Mendez Album no. 6 Decca—"The Trumpet Magic of Rafael Mendez." Aria from "Tosca," Moto Perpetuo, Londonderry Air, Sevilla, Aria from "Pagliacci," Fascination, Clavelitos, Romanza, Moraima, Farewell Granada. DL-4147—Mono; DL-74147—Stereo.

Mendez Album no. 7 Decca—"The Majestic Sound of Rafael Mendez and His Trumpet." Lakme: Bell Song, Samba, Over the Waves, Czardas, Mendelssohn Concerto, Carmen (Danse Boheme), Dance of the Hours. DL-4210—Mono; DL-74210—Stereo.

Mendez Album no. 8 Decca—"The Singing Trumpet." Body and Soul, Memories of You, Sleepy Lagoon, On the Sunny Side of the Street, I Surrender Dear, I Don't Stand a Ghost of a Chance With You, El Gitano, One Fine Day (from Opera "Madame Butterfly") Les Filles DeCadiz, Waltz (derived from "Serenade For Strings") Intermezzo, Canto Moro. DL-8868—Mono; DL-78868—Stereo.

Mendez Album no. 9 Decca—"Mendez in Madrid." La Virgen de la Macarena (The Bullfighter's Song), Mendez Jota, El Gato Montés, Chiapanecas, Granito de Arena, España Cañi, Valencia, Aires Andaluces. DL-4497—Mono; DL-74497—Stereo.

EDUCATION SERVICES

Through its own special program, F. E. Olds & Son is making significant contributions to the important and rapidly growing field of music education. Presented under its auspices in clinics and concerts from coast to coast are these well-known musician-teachers. F. E. Olds & Son welcomes inquiries regarding their availability.



Rafael Mendez



G. C. Bainum



Robert Marsteller



Earl Hoffman



George Roberts



Dale Olson

Olds Band Instruments Story

The story of Olds Band Instruments really begins in 1908 in California, with a trombone and a trombonist.

F. E. Olds had long been interested in trying to improve his favorite instrument. He felt the slide and the bell could be improved immeasurably, and that with the improvement, would come greater flexibility and better response—a new richness and tonal value. So, in his home workshop, he began the careful and tedious hand work that soon began turning out the finest trombones the world had ever seen—instruments that attracted world wide attention and established him as the superior trombone craftsman of his day.

Until the founder's son, R. B. Olds, joined his father, the growing firm had specialized in trombones. The younger Olds, now the president of the company, knew that his

father's genius should not be restricted to a single instrument, so soon thereafter, valve instruments bearing the illustrious Olds signature began to appear in the hands of the most famous artists of the day. As these artists began returning from California playing their remarkably superior instruments, the name Olds began to spread. And with fame came growth.

Through to the present day, the Olds company has continued pioneering and refining the entire range of band instruments, from which every player has benefited. Olds was first to draw its own slide tubing... first to use an exceptionally strong, light two-piece patented brace... first to use nickel silver tubing for slides... first to use a fluted slide to reduce friction. Famous Olds "firsts" include the free bracing widely copied in Europe and America, and student trumpets

and cornets with professional-type valve springing.

Olds instruments are produced in a modern factory in Fullerton, California, whose manufacturing and research facilities are the latest and finest. Every instrument is subjected to the most minute quality control and inspection—to make sure that each is fully responsive to every musical requirement and fully worthy of the Olds signature. Many of the men who work on Olds instruments are second and third generation musical craftsmen, dedicated to the integrity of every Olds instrument.

"Make the best better" is the Olds motto. That is why research is continuous—research that is constantly seeking better ways to make better instruments.

SCHOLARSHIP PROGRAM

In 1958, F. E. Olds & Son announced its first annual Scholarships in Music. Open to all juniors, seniors, and graduate students in accredited schools or departments of music at the college level and judged each year by a panel of outstanding music educators, awards are made for theses, term papers, or articles submitted by the entrants showing the greatest evidence of original thinking, sound research, and intelligent objectives on any subject relating to the field of instrumental music.

Additional information about this scholarship program may be obtained by writing directly to Education Department, F. E. Olds & Son, 7373 N. Cicero Avenue, Lincolnwood, Illinois 60646

MUSIC EDUCATION LIBRARY

The F. E. Olds & Son Music Education Library is composed of a series of books selected for printing from the prize winning manuscripts submitted in the Olds Scholarship contest. Beginning with "Solo Literature for the Trumpet" by Thomas Hohstadt and continuing through the succeeding printings which include "A Basic Repair Handbook for Musical Instruments" by Raymond J. Nilles, "The Use of Publicity in the Public Relations Program of a High School Instrumental Department" by Lester Gillespie, "A Study

of the Acoustical Effect of Mutes on Wind Instruments" by Martin J. Kruka, "The Stage Band in the High School Instrumental Program" co-authored by Jess Louis Gerardi and Tim R. Jones, and "Three Facets of French Horn" by Katherine Weintz, Edward J. P. O'Connor and John Richard Jensen. The Company is pleased with the reception accorded these educational books by instrumental teachers at both the college and high school level.

It is the hope of F. E. Olds & Son that these

books will contribute to the basic sum of knowledge available in printed form relating to instrumental music. The printing of these books in the Music Education Library serves to promote scholarly interest in this field of research and, in the process, helps to raise the level of the writing connected with the preparation of term papers and theses. Copies are distributed without charge to college and university libraries where they are used as text and source material in instrumental educational courses.

Bell Spinning

Truly an art, Olds' process produces a work-hardened, dent resistant final product with additional harmonics and undistorted tonal color that are an Olds tradition.

Valve Lapping

All valve and piston parts are produced to exacting standards, matched and hand lapped and fitted to a tolerance of one ten thousandth of an inch to insure perfect fit and lightning fast action.

Inspecting and Packing

Experienced personnel provide a final quality control inspection, one of many such inspections during the manufacturing process, as the instruments are carefully packed for shipment throughout the world.

Lacquer Finishing

The latest improvements in lacquer chemistry, combined with new methods of finishing, assure lasting beauty for every Olds instrument. The extra heavy, clear coating provides brilliant luster and perfect protection from wear and discoloration.

Buffing and Polishing

One of the most important and delicate steps in the Olds manufacturing process and one in which only the most skilled and experienced personnel participate. The high speed buffing wheels produce a mirror-smooth surface and lasting beauty.

Final Assembly

In the final assembly stages, the many individually crafted parts are brought together into an instrument of superior quality. Throughout every stage of manufacture, patient, skilled personnel thoroughly inspect every part of every instrument.

