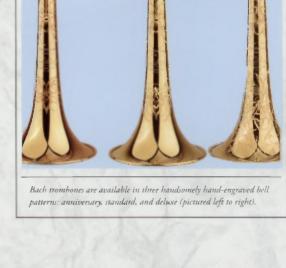
# Bach Stradivarius The Sound Choice of Professionals

VINCENT BACH COMBINED HIS UNIQUE TALENTS AS BOTH A MUSICIAN AND AN ENGINEER TO CREATE BRASS INSTRUMENTS OF UNEQUALED TONAL QUALITY - INSTRUMENTS WHICH TODAY REMAIN THE SOUND CHOICE OF ARTISTS WORLDWIDE. & Born Vincent Schrotenbach in Vienna in 1890, he initially received training on the violin, then switched to the trumpet when he heard its majestic sound. Although Vincent also displayed a strong aptitude for science and graduated from the Maschinenbauschule with an engineering degree, he gave up a promising engineering career to pursue his first love and an uncertain future as a musician. The risk paid off. Performing under the stage name of Vincent Bach, he established musical success as he toured throughout Europe. \* World War I forced Vincent's move to New York City where he arrived with only \$5.00 in his pockets. A letter to the famous conductor Karl Muck got Vincent an audition and a resulting position with the Boston Symphony. By the following season, Vincent was first trumpet in the Metropolitan Opera House opera and ballet orchestras, performing in the American premiere of Stravinsky's Petroushka and Firebird. 7 While on tour in Pittsburgh, Vincent was convinced by a repairman that he could improve the mouthpiece on Vincent's trumpet. After the man ruined the mouthpiece, Vincent had great difficulty finding a suitable replacement. This was the beginning of Vincent's realization of the very real need for high-quality mouthpieces. 7 His discovery was further substantiated when, during the World War, Vincent served as sergeant and bandmaster of



the 306th Army Field Artillery Band at Camp Union, Long Island. As head of the bugle school, Vincent found both mouthpieces and instruments to be of inferior quality. While on furloughs, Vincent went to New York City where he remodeled old mouthpieces and made new ones in a back room of the Selmer Music Store. In 1918, while performing part-time at the Rivoli Theater, Bach invested \$300 for a foot-operated lathe and an office at 11 East 14th Street to begin the business of producing mouthpieces. The business grew rapidly and, in 1924, the first Bach trumpets were manufactured. Musicians frequently referred to a Bach trumpet as a "real 'Stradivarius' of a trumpet," thus inspiring the brand name Bach Stradivarius. Bach trombones followed in 1928. At the age of 71 in 1961, Bach decided to sell his company. Although he received twelve other offers, including some that were higher, Vincent chose to sell to The Selmer Company. His close relationship with Selmer over the years convinced Vincent that this was the company that would preserve the Bach tradition of excellence and expand upon the foundations he built. All tooling and machinery was moved from Mount Vernon, New York, to Selmer's operations in Elkhart, Indiana, with Vincent assisting in the training. True to Vincent's vision, Conn-Selmer, Inc. painstakingly

follows Bach's original designs and blueprints to manufacture Bach Stradivarius instruments, the sound choice of professionals.





## BACH STRADIVARIUS MEDIUM BORE & VALVE TROMBONES

### Model 12 Bach Stradivarius Tenor Trombone

Key of B<sup>5</sup>, .500" medium bore, 7-1/2" one-piece yellow brass bell, chrome-plated nickel silver seamless inner slide, brass outer slide, nickel silver handgrip, tubular nickel silver hody braces, removable gold-plated balance weight, genuine Vincent Bach mouthpiece, deluxe wood shell case.



### MODEL LT16M BACH STRADIVARIUS TENOR TROMBONE

Key of  $B^{\flat}$ , .509" medium bore, 7-1/2" one-piece yellow brass bell, open gooseneck, chrome-plated nickel silver seamless inner slide, lightweight nickel silver outer slide, nickel silver handgrip, tubular nickel silver body braces, genuine Vincent Bach mouthpiece, deluxe wood shell case.



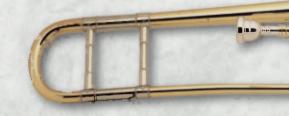
### Model 16 Bach Stradivarius Tenor Trombone

Key of B<sup>5</sup>, .495"/.509" dual bore, 7-1/2" one-piece yellow brass bell, chrome-plated nickel silver seamless inner slide, brass outer slide, nickel silver handgrip, tubular nickel silver body braces, removable gold-plated balance weight, genuine Vincent Bach mouthpiece, deluxe wood shell case.



### Model V16 Bach Stradivarius Valve Trombone

Key of B<sub>b</sub>, .485" medium bore, 7-1/2" one-piece yellow brass bell, Monel pistons, third valve slide fixed finger ring with adjustable stop, tubular nickel silver body braces, genuine Vincent Bach mouthpiece, deluxe wood shell case.





CONN-SELMER, INC. • WE MAKE LEGENDS. • CONN-SELMER, INC. • WE MAKE LEGENDS. • CONN-SELMER, INC. • WE MAKE LEGENDS.

### Bach Stradivarius 36 Series Medium-Large Bore Tenor Trombones

All 36 series Bach Stradivarius tenor trombones feature .525" medium-large bore, 8" one-piece yellow brass bell, chrome-plated nickel silver seamless inner slide, brass outer slide, nickel silver handgrip, tubular nickel silver body braces, genuine Vincent Bach mouthpiece, deluxe wood shell case.

MODEL 36 - Key of B, straight tenor

MODEL 36B - Key of Bb/F, F traditional rotor mechanism, traditional wrap

Model 36BO - Key of Bb/F, F traditional rotor mechanism, open wrap

MODEL 36C - Key of Bb/F, convertible F traditional rotor mechanism, traditional wrap

MODEL 36CO - Key of Bb/F, convertible F traditional rotor mechanism, open wrap

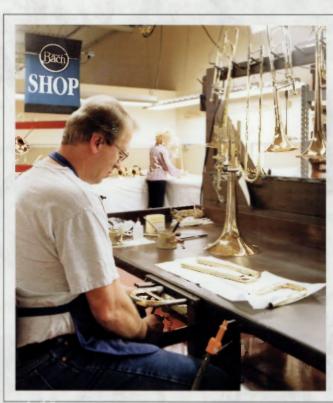


MODEL 36



Convertible models offer the advantage of two instruments in one. Straight and F rotor sections can be interchanged by simply removing the tuning slide and loosening two adjusting screws.





### **BACH SHOP**

The Bach Shop represents a factory within a factory. All special-order instruments pass through the hands of these skilled craftsmen, who collectively have more than 100 years of experience. A visit to the Bach Shop to customize your trombone can be arranged through your Conn-Selmer dealer.

### Bach Stradivarius 42 Series Large Bore Tenor Trombones

All 42 series Bach Stradivarius tenor trombones feature .547" large bore, 8-1/2" one-piece yellow brass bell, chrome-plated nickel silver seamless inner slide, brass outer slide, nickel silver handgrip, tubular nickel silver body braces, genuine Vincent Bach mouthpiece, deluxe wood shell case.

MODEL 42 - Key of Bb, straight tenor

MODEL 42A - Key of BJ/F, F Hagmann Valve rotor mechanism, open wrap

MODEL 42B - Key of B<sub>2</sub>/F, F traditional rotor mechanism, traditional wrap

MODEL 42BO - Key of Bb/F, F traditional rotor mechanism, open wrap, (see photo on pages 2-3)

MODEL 42C - Key of Bb/F, convertible F traditional rotor mechanism, traditional wrap

MODEL 42CO - Key of B<sub>2</sub>/F, convertible F traditional rotor mechanism, open wrap

MODEL 42T - Key of Bb/F, F "T" Valve rotor mechanism, open wrap

MODEL LT42TG50 - Key of Bb/F, F "T" Valve rotor mechanism, open wrap,

lightweight nickel dual bore, .547"/.562" hand slide, lightweight gold brass bell is standard







MODEL 42T

MODEL LT42TG50



### Bach Stradivarius Bass Trombones

All Bach Stradivarius bass trombones feature .562" large bore, one-piece yellow brass bell, chrome-plated nickel silver seamless inner slide, brass outer slide, nickel silver handgrip, tubular nickel silver body braces, genuine Vincent Bach mouthpiece, deluxe wood shell case.

### SINGLE ROTOR SYSTEM

Key of Bb/F

MODEL 50A - 9-1/2" one-piece yellow brass bell, Hagmann Valve rotor mechanism, open wrap

MODEL 50B - 9-1/2" one-piece yellow brass bell, traditional rotor mechanism, traditional wrap

MODEL 50BO - 9-1/2" one-piece yellow brass bell, traditional rotor mechanism, open wrap

MODEL 50T - 9-1/2" one-piece yellow brass bell, "T" Valve rotor mechanism, open wrap



# MODEL 50T

### SIDE-BY-SIDE DEPENDENT DOUBLE ROTOR SYSTEM

Key of Bb/F/Eb

· CONN-SELMER, INC. · WE

MODEL 50B2 - 9-1/2" one-piece yellow brass bell, traditional wrap
MODEL 50B2O - 9-1/2" one-piece yellow brass bell, open wrap
MODEL 50B2L - 10-1/2" one-piece yellow brass bell, traditional wrap
MODEL 50B2LO - 10-1/2" one-piece yellow brass bell, open wrap



MODEL 50B2O



### Bach Stradivarius Bass Trombones

All Bach Stradivarius bass trombones feature .562" large bore, one-piece yellow brass bell, chromeplated nickel silver seamless inner slide, brass outer slide, nickel silver handgrip, tubular nickel silver body braces, genuine Vincent Bach mouthpiece, deluxe wood shell case.

### Double In-Line Independent Rotor System

Key of Bl/F/G

MAKE LEGENDS. • CONN-SELMER, INC. • WE MAKE LEGENDS.

Model 50A3 - 9-1/2" one-piece yellow brass bell, Hagmann Valve rotor mechanism, open wrap

MODEL 50A3L -10-1/2" one-piece yellow brass bell, Hagmann Valve rotor mechanism, open wrap

MODEL 50B3 - 9-1/2" one-piece yellow brass bell, traditional rotor mechanism, traditional wrap

MODEL 50B3O - 9-1/2" one-piece yellow brass bell, traditional rotor mechanism, open wrap

MODEL 50B3L - 10-1/2" one-piece yellow brass bell, traditional rotor mechanism, traditional wrap

MODEL 50B3LO - 10-1/2" one-piece yellow brass bell, traditional rotor mechanism, open wrap

MODEL 50T3 - 9-1/2" one-piece yellow brass bell, "T" Valve rotor mechanism, open wrap

MODEL 50T3L - Same as 50T3 except 10-1/2" one-piece yellow brass bell



MODEL 50B30



MODEL 50T3



WE MAKE LEGENDS. • CONN-SELMER, INC. • WE MAKE LEGENDS. • CONN-SELMER, INC. • WE MAKE LEGENDS.

CONN-SELMER, INC. • WE MAKE LEGENDS. • CONN-SELMER, INC. •

### Suggestions for choosing and customizing YOUR BACH TROMBONE

### BORE

Trombone bores are a measurement of the inside diameter of the inner slide tubes. As the bore size changes so does the bell design. The shape of the tapered surface, or rate of flare, determines the characteristic sound of the instrument. Slow tapers yield bright tones, while fast tapers produce dark, warm sounds. Smaller bore trombones, having bells with slower rates of taper, produce a brighter jazz sound. Larger bore

trombones, having bells with faster rates of taper, yield darker symphonic tone qualities.



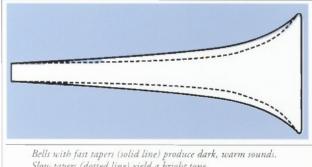
Yellow brass is standard (pictured left). Gold brass (pictured right), softer and more red due to a higher copper content, results in a warmsound. Sterling Plus (99.9% pure silver, pictured center) offers a focused sound with projection.

due to a higher copper content (85% as opposed to 70%), results in a warm tone. Sterling Plus® bells (99.9% pure silver, seamless construction) create a full compliment of partials (overtones) in the tonal spectrum for a focused sound with great projection. For situations involving dark qualities or high dynamic levels without distortion, choose a heavyweight bell (in either yellow or gold brass).

### MOUTHPIPES AND GOOSENECKS

The venturi (constriction) and rate of taper in the mouthpipe affect the trombone's characteristic sound. Bach offers several mouthpipe options. Removable and interchangeable mouthpipes for 42 series large bore tenor trombones: standard - balanced resistance, focused sound; standard length/open venturi - less resistance, more flexible; long length/open venturi - very free blowing. Removable and interchangeable mouthpipes for Bach bass trombones: standard - balanced resistance, focused sound; short length/open venturi - less resistance, more flexible; mouthpiece holder only - most free blowing.

The gooseneck, a section of pipe located immediately after the handslide section, serves as a "choke" to further balance the blowing resistance. The model LT16M features a more open gooseneck (i.e., less constriction), creating less resistance and more flexibility. The optional open gooseneck for the 42 series tenor trombones also results in a more open instrument.



Slow tapers (dotted line) yield a bright tone

### BELLS

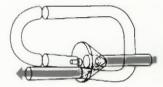
Bach Stradivarius trombones are famous for their fullness of sound and projection. This is achieved by the use of one-piece construction, allowing for unrestricted vibration of the bell. In addition to the shape of the bell flare (rate of taper), the type and thickness of the bell material also affect the sound. Gold brass, softer and more red than the standard yellow brass

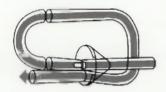
# \* CONN-SELMER, INC. \* WE MAKE LEGENDS. \* CONN-SELMER, INC. \* WE MAKE LEGENDS. \* CONN-SELMER, INC. \* WE MAKE LEGENDS

### HANDSLIDES

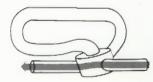
The prefix "LT" before any Bach Stradivarius model number (such as LT16M) indicates a lightweight handslide. Some musicians prefer the feel and quick response of the lightweight slide. The weight has been reduced by using nickel silver tubing for outer slides. In addition to the light weight, nickel silver tubing also resists corrosion. All Bach Stradivarius trombones not having an "LT" prefix feature regular weight slides made from brass tubing for outer slides. All models can be special ordered with lightweight nickel silver outer slides. Bach 42 series trombones can be customized with narrow handslides for playing comfort.

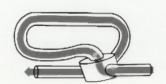
### "T" VALVE





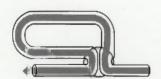
### Hagmann Valve





### TRADITIONAL ROTARY VALVE





### ROTOR SECTIONS

Many Bach Stradivarius trombones can be configured with traditional, "T" Free Flowing or Hagmann Valves, Bach trombones with traditional rotor valve sections offer a choice of either open or traditional wrap. Open wrapping of the rotor section places fewer and larger bends in the tubing, resulting in less blowing resistance. Traditional wrapping provides compactness and protection. "T" Free Flowing and Hagmann Valves systems eliminate sharp crook tube bends within the rotor itself. Combined with open wrap section tubing, "T" and Hagmann Valve systems allow for a free and unimpeded flow of the air column, regardless of whether the Bb of F sides of the trombone are being used.



The top two pictures highlight traditional rotor valves. Open wrapping of the rotor section (pictured top) places fewer and larger bends in the tubing, resulting in less blowing resistance. Traditional wrapping (pictured second from top) offers the advantages of compactness and protection. The "T" Valve (pictured second from bottom) and Hagmann Valve (pictured bottom) allow for a free and unimpeded flow of the air column combined with open wrapping.

### BACH STRADIVARIUS TROMBONES

THE FOLLOWING OPTIONS ARE AVAILABLE FOR BACH STRADIVARIUS TROMBONES.

**TROMBONES** 

			_	LT 16M		
		Агто	12			
	Model	39	16	LT 16M	36	42
Bell	Gold brass	•	•	•	•	•
	Heavy weight	•	•	•	•	•
	Sterling Plus®		•	•	•	•
Handslide	Narrow					•
	Brass outer slides					
	Lightweight nickel silver outer slides	•	•		•	•
Removable	Standard	•	•	•	•	•
Моитнріреѕ	Short open					•
	Long open					•
	Mouthpiece holder					
Open Gooseneck			•			•
Gold Brass Roto	r Section Tubing		1			
Removable Gold-	Plated Balance Weight	•		•	-	
Finish	Silver-plated	•	•	•	•	•
	Gold-plated	•	•	•	•	•
Engraving	(3 patterns available¹)	•	•	•	•	•

TENOR

Mouthpipes for trombone models 12, 16/LT16M are interchangeable.

See Page 3 for a picture of the three engraving patterns.

TENOR ROTOR										
						504	50P2	50P2	5012	
						50A	50B2	50B3	50A3	
6B		42B				50K	50B2L	50B3L	50A3L	
ВО		42BO		42A	50B	50KD	50B20	50B30	50T3	Valve
6C	36CO	42C	42CO	42T	50BO	50T	50B2LO	50B3LO	50T3L	V16
•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•
	•	•	•	•						•
	•	•	•							
										•
•	•	•	•	•	•	•	•	•	•	•
	•	•	•	•	•	•	•	•	•	
		•	•	•	•	•	•	•	•	
		•	•	•						
					•	•	•	•	•	1 1
		•	•							- ;
•	•	•	•							7
		•			•					
•	•	•	•	•	•	•	•	•	•	•
	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	• 2	•	•
					1/4/25					

50B20 50B2

Extra Tuning Slides Available

Combination slide for second rotor-

Model

D/Eb or D/Db

Slide to C

Slide to D Slide to G

Specifications subject to change

50B2LO 50B2L 50B30 50B3 50B3LO 50B3L

•

### **BACH STRADIVARIUS TROMBONES**

THE FOLLOWING SPECIFICATIONS CHART ALLOWS FOR YOUR COMPARISION OF BACH STRADIVARIUS TROMBONES.

	Trombone	S			Tenor		
					_		
	Model Key Bore	Inches Metric (mm)	12 Bb .500" 12.70	16 B <sup>1</sup> .495"/.509" 12.57/12.93	LT16M B <sup>1</sup> .509" 12.93	36 B <sup>1</sup> .525" 13.34	42 Bl .54
Bell	Diameter	Inches	7-1/2"	7-1/2"	7-1/2"	8"	8-1/
		Metric (mm)	190.0	190.0	190.0	203.0	216
	One-piece, har	nd-hammered yellow brass	•	•		•	•
	Bell rim wire so	oldered	•	•	•	•	
	Detachable bel	1					
Rotor Section	Ball bearing ro	tor linkage				7,	
	F attachment		-				
	Eb attachment		<u> </u>				
	Gb independer	nt in-line system					
	Traditional rot	or mechanism					
	Balanced Valve	° rotor mechanism	· · · · · · · · · · · · · · · · · · ·				
	"T" Valve roto	r mechanism					
	Hagmann Valv	e rotor mechanism					
	Convertible F	attachment for straight tenor trombone	:				
	Open wrap tul	ping					
	Traditional wra	ap tubing					
Hand Slide Section	Chrome-plated	l nickel silver seamless inner slide	•	•	•	•	•
	Integral chamf	ered stocking	•	•	•	•	
	Brass outer slic	e	•	•		•	•
	Lightweight ni	ckel silver outer slide	•	•	•	• ;	
Brass Tuning Slide			•	•	•	• 1	
Nickel Silver Tuning	SLIDE RECEIVER		•	•	•		•
Tubular Nickel Silvei	R BRACES		•	•	•	•	
Nickel Silver Handgr	•	•	•	•			
Removable, Gold-Pla	ted Balance Wei	GHT	•	•		•	
NEOPRENE WATERKEY S	EALS		•	•	•	•	
CLEAR BAKED CELLULOS	se Lacquer Finis	н	•	•	•		

	1	ENOR RO	OTOR		Bass Rotor							
36B 6BO	36C 36CO	42B 42BO	42C 42CO	42A 42T	50B 50BO	50A 50T	50B2 50B2O	50B2L 50B2LO	50B3 50B3O	50B3L 50B3LO	50A3 50T3	50A3L 50T3L
si/F	B <sub>r</sub> /F	B <sub>b</sub> /F	B♭/F	Bb/F	B♭/F	B <sub>b</sub> /F	Bb/F/Eb	B <sub>b</sub> /F/E <sub>b</sub>	B <sub>b</sub> /F/Gb	B <sub>b</sub> /F/G <sub>b</sub>	Bl/F/Gl	B <sub>b</sub> /F/G <sub>b</sub>
25"	.525"	.547"	.547"	.547"	.562"	.562"	.562"	.562"	.562"	.562"	.562"	.562"
3.34	13.34	13.90	13.90	13.90	14.28	14.28	14.28	14.28	14.28	14.28	14.28	14.28
3"	8"	8-1/2"	8-1/2"	8-1/2"	9-1/2"	9-1/2"	9-1/2"	10-1/2"	9-1/2"	10-1/2"	9-1/2"	10-1/2"
3.0	203.0	216.0	216.0	216.0	241.5	241.5	241.5	267.0	241.5	267.0	241.5	267.0
•	•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•		•		•	•	•	•		•
•	•	•	•	•	•	•	•	•	•	•	•	•
							•	•				
									•	•	•	•
	•	•	•				•	•	-	•		
				42T	<u> </u>	50T					50T3	50T3L
					42A		50A				50A3	50A3L
ВО	36CO	42B0	42CO	•	50BO	•	50B20	50B2LO	50B30	50B3LO	•	•
6B	36C	42B	42C		50B		50B2	50B2L	50B3	50B3L		
•	•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•
•												
	•	•	•	•	•	•	•	•	•	•	•	•
	•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	• 44	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•
	36CO		42CO									
	•	•	•	•	•	•	•	•		•	•	•
	•	•	•	•		•	•	•	•	•	•	•

36

### **BACH MOUTHPIECES**

BACH MOUTHPIECES COME IN A VARIETY OF STYLES AND FINISHES TO SUIT EVERY MUSICIAN'S INDIVIDUAL NEEDS.



### **BACH MOUTHPIECES**

Bach Mega Tone\* mouthpieces more than double the outside mass of standard Bach mouthpieces. This darkens the sound and allows higher dynamic levels without distortion. Mega Tones slot extremely well so pitches center dependably. Bach screw-rim models offer interchangeable rims and underparts, enabling musicians to truly customize a mouthpiece. Standard rims can even be combined with Mega Tone underparts. Lucite rims available. For more information on Bach mouthpieces, please visit your Selmer dealer or consult the Bach Mouthpiece Manual (AV6001).



Come with us on an 18-minute tour of the Bach factory. In addition to learning how brass and other materials are meticulously transformed into trombones by skilled American craftsmen, the basic principles of instrument design and acoustics are clearly explained and illustrated. To purchase your copy, please visit your Conn-Selmer dealer.



Mouthpiece Pouches

Please visit your Conn-Selmer dealer to view these and the many other fine Bach and Selmer musical instruments and accessories.

### **BACH ACCESSORIES**

HEIGHTEN YOUR MUSICAL EXPERIENCE WITH ANY OF THESE FINE BACH ACCESSORIES.



### Lubricants

A small amount of Bach slide cream used with a fine water mist and a drop of Bach slide cream additive provides the ultimate in long-lasting slide lubrication.



### Mutes

Bach exclusively distributes Jo-Ral mutes. Designed by Joe Alessi with his friends in major symphony orchestras and studios, Jo-Ral mutes create exciting tonal quality with near-perfect intonation. The new Bach Stradivarius Ultra and Elite mutes are made from aluminum with a rugged stainless steel bottom. The Bach Elite features a patented "tone intensifier" for a clearer, more focused tone. Economical polyethylene Bach and Mercedes mutes offer durability.



### CASE COVERS AND GIG BAGS

Form-fitted case covers protect your investment. Deluxe nylon gig bags offer lightweight convenience. Thick foam padding protects the bell section, while hard reinforcement covers the handslide.



### MAINTENANCE

Routine maintenance will improve your Bach trombone's performance, as well as extend its life. Bach offers an array of supplies such as bore cleaners, brushes, polishing cloths and creams.