

St. James' Bicentennial Organ

Schoenstein & Co.

Four Manual and Pedal Chancel Organ, op. 157 (2009)

61 Voices – 78 Ranks

Two Manual Gallery Organ, op. 156 (2008)

16 Voices – 18 Ranks

5,267 pipes (chancel and gallery instruments combined)

GREAT (II – Unenclosed, 5" Wind)	N ^o . PIPES	CHOIR (I – Enclosed, 5½" Wind)	N ^o . PIPES
16' Double Open Diapason	61	16' Dulciana	12
8' Grand Open Diapason (<i>Solo</i>)		8' Open Diapason	61
8' Open Diapason	61	8' Concert Flute (<i>Lieb. Ged. Bass</i>)	49
8' Small Open Diapason	12	8' Lieblich Gedeckt	61
8' Harmonic Flute	61	8' Dulciana	61
8' Dulciana (<i>Choir</i>)		8' Unda Maris (TC)	49
8' Bourdon	61	4' Fugara	61
4' Octave (<i>Solo</i>)		4' Silver Flute	61
4' Principal	61	2 2/3' Nazard	61
4' Spire Flute	61	2' Harmonic Piccolo	61
2 2/3' Twelfth	61	1 3/5' Tierce (TC)	42
2' Fifteenth	61	1 1/3' Larigot	54
1 3/5' Seventeenth (TC)	42	2' Mixture IV–V <i>mf</i>	281
2' Mixture III <i>mf</i>	167	16' Bass Horn	12
2' Mixture IV <i>f</i>	201	8' Flügel Horn	61
8' Trumpet	61	8' Clarinet	61
4' Clarion	80	8' Tuba Major (<i>Solo</i>)	
8' Grand Harmonic Trumpet (<i>Gallery Gt.</i>)		8' Grand Harmonic Trumpet (<i>Gallery Gt.</i>)	
Chimes (<i>Solo</i>)		Tremulant	
		Cymbelstern	
		Harp (<i>Digital</i>)	
		Celesta (<i>Digital</i>)	
SWELL (III – Enclosed, 5½" Wind)	N ^o . PIPES	SOLO (IV – Enclosed, 10" Wind)	N ^o . PIPES
16' Lieblich Bourdon	12	8' Grand Open Diapason	61
8' Open Diapason	61	8' Gamba	61
8' Stopped Diapason	61	8' Gamba Celeste	61
8' Echo Gamba	61	8' Symphonic Flute	61
8' Vox Angelica	61	8' French Horn	61
8' Erzähler (<i>St. Diap. Bass</i>)	49	4' Octave †	61
4' Principal	61	16' Trombone † (<i>Pedal</i>)	
4' Harmonic Flute	61	16' Corno di Bassetto	61
2' Flageolet	61	8' Tuba Minor †	61
2 2/3' Cornet III	176	8' Corno di Bassetto	12
8' Oboe	61	4' Tuba Clarion †	61
Tremulant		8' Tuben III (<i>Swell</i>)	
<i>Swell Stops under Double Expression:</i>		8' Tuba Major † (<i>unenclosed</i>)	61
8' Flauto Dolce	61	8' Grand Harmonic Trumpet (<i>Gallery Gt.</i>)	
8' Flute Celeste (TC)	49	Tremulant	
2' Mixture III–V <i>ff</i> †	242	Variable Tremulant	
16' Posaune †	61	Chimes (<i>Digital</i>)	
8' Cornopean †	61		
4' Clarion †	61		
8' Vox Humana ‡	61		

†Stops on 10" wind
‡Expression (*pp/mf*) and Tremulant
(*slow/fast*) by toggle switch at console.

†Stops on 15" wind

PEDAL (5" Wind)	N ^o . PIPES	
32' Contra Bourdon	12	Pedal to Choir 8'
32' Resultant		Solo to Swell 16'
16' Open Wood	32	Solo to Swell 8'
16' Double Open Diapason (<i>Great</i>)		Solo to Swell 4'
16' Violone	32	Choir to Swell 16'
16' Bourdon	32	Choir to Swell 8'
16' Dulciana (<i>Choir</i>)		Choir to Swell 4'
16' Lieblich Bourdon (<i>Swell</i>)		Gallery Swell on Solo 8'
8' Open Wood	12	Gallery Swell on Swell 8'
8' Principal	32	Gallery Great on Great 8'
8' Violone	12	Gallery Swell on Great 8'
8' Flute (<i>Great</i>)		Gallery Great on Choir 8'
8' Dulciana (<i>Choir</i>)		Gallery Swell on Choir 8'
8' Stopped Diapason (<i>Swell</i>)		Gallery Great on Pedal 8'
8' Concert Flute (<i>Choir</i>)		Gallery Swell on Pedal 8'
4' Fifteenth	32	Great Unison Off
4' Flute (<i>Great</i>)		Swell 16'
2 2/3' Mixture III	96	Swell Unison Off
32' Cornet (<i>Derived</i>)		Swell 4'
32' Contra Trombone †	12	Choir 16'
16' Trombone †	32	Choir Unison Off
16' Posaune (<i>Swell</i>)		Choir 4'
16' Corno di Bassetto (<i>Solo</i>)		Solo 16'
16' Bass Horn (<i>Choir</i>)		Solo Unison Off
8' Tromba †	12	Solo 4'
8' Posaune (<i>Swell</i>)		Gallery Great 4'
4' Octave Tromba †	17	Gallery Swell 16'
4' Corno di Bassetto (<i>Solo</i>)		Gallery Swell Unison Off
8' Pizzicato Bass		Gallery Swell 4'
Chimes (<i>Solo</i>)		

†In its own expression box, on 15" wind.

COUPLERS

Great to Pedal 8'
Swell to Pedal 8'
Swell to Pedal 4'
Choir to Pedal 8'
Choir to Pedal 4'
Solo to Pedal 8'
Solo to Pedal 4'
Swell to Great 16'
Swell to Great 8'
Swell to Great 4'
Choir to Great 16'
Choir to Great 8'
Choir to Great 4'
Solo to Great 16'
Solo to Great 8'
Solo to Great 4'
Swell to Choir 16'
Swell to Choir 8'
Swell to Choir 4'
Solo to Choir 16'
Solo to Choir 8'
Solo to Choir 4'
Great to Choir 8'

Pedal Divide
Solo to Great Sforzando

Intramanual couplers read through intermanual "on" couplers except for 16' and Unison Off to Pedal.

MECHANICALS

Electric-Pneumatic Action

Solid State Capture Combination Action:

- 256 memory levels
- 84 pistons and toe studs
- 9 reversible controls including Full Organ
- Programmable piston range for each memory level
- Piston Sequencer
- Five balanced pedals with selector for expression and Crescendo
- Transposer
- Record-Playback system

GALLERY GREAT

- 16' Contra Salicional
- 8' Open Diapason
- 8' Salicional
- 8' Flauto Traverso (*Gallery Swell*)
- 8' Doppelflöte (*Gallery Swell*)
- 4' Principal
- 4' Chimney Flute (*Gallery Swell*)
- 2' Mixture III (*Gallery Swell*)
- 16' Contra Posaune (*Gallery Swell*)
- 8' Posaune (*Gallery Swell*)
- 8' Oboe Horn (*Gallery Swell*)

GALLERY SWELL (*Enclosed*)

- 16' Bourdon
- 8' Small Open Diapason
- 8' Flauto Traverso
- 8' Doppelflöte
- 8' Voix Sérénissime
- 8' Voix céleste
- 4' Gemshorn
- 4' Chimney Flute
- 2 2/3' Nazard
- 2' Fifteenth
- 2' Mixture III
- 16' Contra Posaune
- 8' Posaune
- 8' Oboe Horn
- Cymbelstern
- Tremulant

GALLERY PEDAL

- 16' Open Diapason
- 16' Contra Salicional (*Gallery Great*)
- 16' Bourdon (*Gallery Swell*)
- 8' Principal
- 8' Doppelflöte (*Gallery Swell*)
- 8' Small Open Diapason (*Gallery Swell*)
- 4' Fifteenth
- 4' Flauto Traverso (*Gallery Swell*)
- 32' Contra Posaune
- 16' Contra Posaune (*Gallery Swell*)
- 8' Posaune (*Gallery Swell*)
- 4' Oboe Horn (*Gallery Swell*)

A two-manual and pedal gallery console plays the gallery stops separately. The Chancel Organ is playable by this console via blind general pistons which are settable on the Chancel Console; 'All Swells to Swell' is automatically activated in this mode.

Mr. Lawrence T. Trupiano of New York serves as Organ Curator.

THE St. James' Bicentennial Schoenstein & Co. Organ is Schoenstein's largest east-coast installation. The organ contains 5,267 pipes, divided between the chancel and the gallery of the church. The entire organ is controlled by a four-manual (keyboard) console in the chancel. A two-manual console is located in the gallery to play that portion of the instrument independently. Davis Wortman, Director of Music & Organist at St. James' and Jack Bethards, President and Owner of Schoenstein & Co. designed the organ, built in the symphonic tradition, specifically for playing service music and accompaniment in many styles. An instrument designed with such a great variety of sounds and dynamic versatility is therefore capable of playing a tremendous range of concert literature. The new organ for St. James' grows out of the tradition of instruments built for English cathedrals and of American-built symphonic organs of the 1920s and '30s. The smooth tone of the instrument blends easily with singing voices and therefore supports choirs and congregational singing well. To live up to its classification of "symphonic style", besides containing large-scale forces of fundamental stops that are the foundation of the instrument, there are sounds that emulate the French horn, tubas, trombones, flutes, harp, celesta, and chimes, to name a few. There are pipes in boxes with louvered shutters to control volume and timbre, and boxes within those boxes, to provide the organist with additional musical nuances. The organ was built in the Schoenstein factory in Benecia, California, near San Francisco, then dismantled and installed in sections over the past two summers; first the gallery section and then the larger chancel portion. Three tractor-trailers were required to transport the organ from California for both trips. After each portion of the organ was assembled, it was tuned and "voiced", where each pipe was completely fine-tuned specifically for the acoustic of St. James'. The organ was first used in the liturgy on Sunday, September 13, 2009. Today's recital is one of two solo recitals which precede the dedicatory recital to be played by Ken Cowan on October 17, 2010.