



THE AUSTIN ORGAN

CATHEDRAL OF ST. JOSEPH
HARTFORD, CONNECTICUT

Three manual stopkey console, the upper manual of which controls selected groups of stops from the main organ.



Grille is of aluminum, backed by acoustic cloth. Acoustically transparent.

THE CATHEDRAL

The new Cathedral of St. Joseph replaces a brownstone Gothic building which was destroyed by fire in December 1956 along with the large Austin organ which had been installed in 1917. The old building had been constructed between 1877 and 1892.

This fine new Cathedral building designed by Eggers & Higgins of New York City is of reinforced cast concrete construction, faced inside and outside with limestone. The side walls and rear wall are largely of faceted stained glass, the side windows each 67 ft. high x 13½ ft. wide, totaling over 18,000 square feet of stained glass.

The main body of the cathedral seats 1,452 people, plus seating in the side chapels, totaling 1,750. Its ceiling is 108 ft. above the floor. The top of the 25 ft. tower

cross is 281 ft. above the sidewalk. The tower contains a set of 12 cast bronze bells, ranging in weight from 3,850 lbs. to 225 lbs.

The building is a repository for some of the most outstanding examples of contemporary ecclesiastical art — in stained glass, mosaics and sculpture, in both metal and stone. The 40 ft. wide by 80 ft. high ceramic mural behind the high altar is the largest in the world.

The building is completely air-conditioned.

Organs built by Austin Organs, Incorporated

Organ Architects and Builders

HARTFORD, CONN.

SPECIFICATIONS of the Cathedral Organ 4-115

PEDAL ¹⁵	PIPES	POSITIV ¹⁶	PIPES
32' Sub Principal	12	8' Suavial	61
32' Contra Bourdon	12	8' Nason Flute	61
16' Contra Bass	32	4' Prinzipal	61
16' Principal	32	4' Rohrflöte	61
16' Bourdon	32	2' Oktav	61
16' Violone	(Great)	1-1 / 3' Quint	61
16' Gemshorn	(Choir)	II Sesquialtera	122
16' Gedeckt	(Swell)	IV Scharf	244
8' Principal	32	III Zimbel	183
8' Bourdon	12	8' Regal	61
8' Spitzflöte	32	Tremulant	
8' Gedeckt	(Swell)		
4' Choral Bass	32	SANCTUARY ²	
4' Blockflöte	32	PITCH	PIPES
2' Flöte	12	8' Spitzflöte	61
V Fourniture	160	4' Prestant	61
32' Contre Bombarde	12		
16' Bombarde	32		
16' Fagotto	(Swell)		
16' Ranket	(Choir)		
8' Trompette	32	SWELL ²⁷	PIPES
8' Fagotto	(Swell)	16' Lieblich Gedeckt	68
4' Clairon	12	8' Geigen	68
4' Schalmey	32	8' Hohlflöte	68
		8' Holzgedeckt	68
GREAT ²³	PIPES	8' Spitz Gamba	68
16' Violone	61	8' Spitz Celeste	68
8' Principal	61	8' Flauto Dolce	68
8' Spitzflöte	61	8' Flauto Celeste, T.C.	56
8' Bourdon	61	4' Principal	68
8' Salizional	61	4' Rohrflöte	68
4' Octave	61	2-2 / 3' Rohr Nasat	61
4' Nachthorn	61	2' Flageolet	61
4' Flûte à Fuseau	61	1' Sifflöte	61
2-2 / 3' Octave Quint	61	V Plein Jeu	305
2' Super Octave	61	III Cymbal	183
2' Waldflöte	61	16' Fagotto	68
IV-VI Cornet	305	8' Trompette	68
V Fourniture	305	8' Cornopean	68
III Scharf	183	8' Hautbois	68
8' Trumpet	61	4' Clairon	68
Chimes	(In Solo)	8' Voix Humaine	61
Harp	(In Choir)	Tremulant	

The Great Organ, Positiv Organ and Pedal Organs are all placed in an open position on the large shelf across the back of the gallery, representing in the main, the elements of the true classic organ. The Great and Positiv are in sound reflective housings to blend and focus the sound. Swell, Choir and Solo Organs, containing a wealth of accompanimental materials as well as supplementary reed choruses are at the sides, speaking out across the choir gallery through very large louvered openings. The choir gallery seats 130 singers.

SPECIFICATIONS *of the Cathedral Organ* (CONTINUED)

CHOIR 17		PIPES	SOLO- BOMBARDE 14		PIPES
16'	Gemshorn	12	8'	Orchestral Flute	68
8'	Montre	68	8'	Violoncello	68
8'	Gedeckt	68	8'	Cello Celeste	68
8'	Viola	68	4'	Octave	68
8'	Viola Celeste	68	VI	Grand Chorus	366
8'	Gemshorn	68	8'	French Horn	68
8'	Gemshorn Celeste, T.C.	56	8'	Cor Anglais	68
4'	Prestant	68	8'	Bombarde	68
4'	Koppelflöte	68	4'	Bombarde Clairon	68
2-2/3'	Nasard	61		Tremulant	
2'	Blockflöte	61			
1-3/5'	Tierce	61			
III	Mixture	183			
16'	Ranket	68	8'	Trumpet Harmonic	61
8'	Krummhorn	68		Unenclosed-High Pressure	
4'	Rohr Schalmei	68			
	Tremulant				
VISIBLE IN FACADE:			Four Manual Drawknob Console		
32'	Pedal Sub Principal		The main gallery console also controls a side transept chapel (Blessed Sacrament) organ of 22 stops, 19 ranks, listed below.		
32'	Pedal Contre Bombarde				
16'	Great Violone				
8'	Pedal Principal				
8'	Great Principal				

SPECIFICATIONS of the Chapel Organ 2-19

GREAT ORGAN ¹⁰					
		PIPES			
8'	Spitz Principal	68		8'	Gambe Celeste, GG
8'	Gedeckt	68		4'	Spitzflöte
8'	Dolce	68		2'	Flautino
8'	Dolce Celeste	56	1-1/3'	Quint	61
4'	Octave	68	8'	Trumpet	68
4'	Flûte Ouverte	68		Tremulant	
2'	Fifteenth	61		PEDAL ORGAN ²	
III Rks.	Mixture	183			PIPES
	Tremulant		16'	Sub Bass	32
			16'	Gedeckt (Swell)	12
			8'	Principal	32
	SWELL ORGAN ⁷		8'	Gambe (Swell)	
		PIPES	8'	Rohrflöte (Swell)	
8'	Rohrflöte	68	4'	Fifteenth	12
8'	Gambe	68	16'	Trumpet (Swell)	12

The Organ facade is dominated by the 32' Sub Principal of the Pedal Organ, the largest pipe (low CCCC) of which is over 37 ft. long and 16½ inches in diameter, giving a note of 16 cycles per second. Its tapered foot is nearly as tall as a man. There are 3 stops of 32' pitch in the organ.

The entire organ, including the Blessed Sacrament Chapel organ, contains over 8,000 pipes.

A small Austin organ, salvaged from the lower church of the old cathedral and completely rebuilt, serves the large and beautifully finished lower church of the new Cathedral of St. Joseph.