



The  
Dobson Organ

opus 75

2003

# Cathedral of Our Lady of the Angels

L O S   A N G E L E S ,   C A L I F O R N I A



## A BRIEF DESCRIPTION

The 1994 Northridge earthquake rendered St. Vibiana's Cathedral, the spiritual center for Los Angeles' four million Roman Catholics, structurally unsound. The competition-winning design for the new cathedral was submitted by Spanish architect Rafael Moneo. The building plan occupies 57,000 square feet, seats 3,000 people and encloses some 3.3 million cubic feet of space.

The new organ incorporates pipework from the St. Vibiana instrument, which was originally built in 1929 by the Wangerin Organ Co. of Milwaukee, Wis. and rebuilt in 1988 by Austin Organs, Inc. of Hartford, Conn. as its opus 2721. The new instrument employs slider chests with electric pulldowns for all divisions except the Fanfare, Solo and Pedal, which have electro-pneumatic action. The Solo and Pedal are conceived in the spirit of Jean-Esprit Isnard's 1772 *Résonance* division at St. Maximin-en-Var, France: the Solo is a division of powerful voices, many of which are made playable in the Pedal, which has few independent voices of its own.

The 32' façade pipes and the 16' chamade pipes, made of 83% tin, are the largest such pipes in North America. The organ's case is of American black cherry. Wind is supplied by three blowers totalling 27 horsepower. The pipework is voiced on pressures ranging from 5" to 29".

The visual design of the organ was jointly developed by Dobson and Moneo. The tonal design of the organ is a collaboration between Dobson, Frank Brownstead, Cathedral Music Director, and Manuel Rosales, organ consultant to the Archdiocese for this project. Paoletti Associates, Inc. is responsible for the acoustical design of the new Cathedral.



### COVER

*Mass of Dedication of a Church and Altar  
Monday, September 2, 2002*

*Franz Mayer Co. stained glass window  
saved from St. Vibiana's Cathedral  
portrays St. Cecilia,  
Patron Saint  
of Music*



# ORGAN SPECIFICATION

## GREAT (II)

Prestant 32 (1 - 24 façade)  
 Prestant 16 (ext.)  
 Violonbasse 16  
 Bourdon 16  
 Principal 8  
 Violoncelle 8 (ext.)  
 Flûte harmonique 8  
 Doppel Floete 8  
 Gros Nasard  $5\frac{1}{3}$   
 Octave 4  
 Nachthorn 4  
 Grosse Tierce  $3\frac{1}{5}$   
 Quinte  $2\frac{2}{3}$   
 Octave 2  
 Tierce  $1\frac{1}{5}$   
 Corneta Magna V-VII 8 (fr8-g56)  
 Mixture V-VIII 2  
 Cymbale IV 1  
 Posaune 16  
 Trumpet 8  
 Clarion 4  
 Tremulant  
 Horizontal Trumpet 8 (interior)

## POSITIVE (I, *expressive*)

Gemshorn 16  
 Principal 8  
 Gedackt 8  
 Salicional 8  
 Unda maris 8 cc  
 Octave 4  
 Chimney Flute 4  
 Octave 2  
 Larigot  $1\frac{1}{3}$   
 Sesquialtera II  
 Mixture IV-VI  $1\frac{1}{3}$   
 Bassoon 16  
 Trumpet 8  
 Clarion 4  
 Cromorne 8  
 Tremulant  
 Tuba 8 (Solo)  
 Harp

## SWELL (III, *expressive*)

Bourdon 16  
 Diapason 8  
 Bourdon 8  
 Viole de gambe 8  
 Voix céleste 8 cc  
 Dulciane 8  
 Voix angélique 8  
 Prestant 4  
 Flûte octavante 4  
 Nasard  $2\frac{2}{3}$   
 Octavin 2  
 Tierce  $1\frac{3}{5}$   
 Plein jeu V 2  
 Bombarde 16  
 Trompette harmonique 8  
 Hautbois 8  
 Voix humaine 8  
 Clairon harmonique 4  
 Tremulant  
 Chimes

## SOLO (IV, *expressive*)

Principal 16 (1 - 24 façade)  
 Principal 8  
 Major Flute 8  
 Gamba 8  
 Gamba Celeste 8 cc  
 Viole d'orchestre 8  
 Viole Celeste 8 cc  
 Quinte  $5\frac{1}{3}$   
 Octave 4  
 Orchestral Flute 4  
 Mixture IV  $2\frac{2}{3}$   
 English Horn 8  
 French Horn 8  
 Clarinet 8  
 Tremulant  
 Contre Bombarde 32 (ext.)  
 Bombarde 16  
 Trumpet 8  
 Clarion 4  
 Tuba 8  
 Horizontal Trumpet 8 (Great)

## FANFARE (*floating*)

Trompeta magna 16 (horizontal)  
 Trompeta de los angeles 8 (horizontal)  
 Trompeta fuerte 8 (ext. 4)  
 Clarin de campana 8 (ext. 16)  
 Bajoncillo 4 (horizontal)

## PEDAL

Prestant 32 (Great)  
 Contra Bourdon 32 (ext. Subbass)  
 Open Diapason 16  
 Principal 16 (Solo)  
 Violonebasse 16 (Great)  
 Subbass 16  
 Bourdon 16 (Great)  
 Gemshorn 16 (Positive)  
 Gross Quinte  $10\frac{2}{3}$  (ext.O.D.)  
 Principal 8 (Solo)  
 Flute 8 (ext. O.D.)  
 Violoncelle (Great)  
 Bourdon 8 (ext. Subbass)  
 Quinte  $5\frac{1}{3}$  (Solo)  
 Octave 4 (Solo)  
 Mixture IV  $2\frac{2}{3}$  (Solo)  
 Contra Trombone 32  
 Contre Bombarde 32 (Solo)  
 Trombone 16 (ext. 32)  
 Posaune 16 (Great)  
 Bombarde 16 (Solo)  
 Trumpet 8 (Solo)  
 Clarion 4 (Solo)

76 Registers  
 104 Stops  
 105 Ranks  
 6,019 Pipes

Zimbelstern  
 Nightingale  
 All Swells to Swell  
 Great/Positive Manual Transfer





## THE ORGAN BUILDER

Dobson Pipe Organ Builders, Ltd. was founded in 1974 by Lynn Alan Dobson, the firm's President and Artistic Director. To date, the company has built an impressive reputation with the completion of more than eighty new organs and several dozen restorations or rebuilds of older instruments. The construction of artistically designed instruments that support vibrant church music has always been the firm's highest priority. This tenet, and a talented team of craftsmen committed to its realization, has led to many notable commissions from clients who also seek this goal. Hallmarks of Dobson instruments include superb cabinetry, responsive key actions, and refined tonal work. Every aspect of Dobson organs tastefully set our work apart from more ordinary efforts.



*Dobson crew with largest façade pipe*

## DOBSON PIPE ORGAN BUILDERS, LTD.

200 North Illinois Street • Post Office Box 25 • Lake City, Iowa 51449  
712.464.8065 - telephone • 712.464.3098 - facsimile  
www.dobsonorgan.com • info@dobsonorgan.com