

M. P. MÖLLER Organ Factory

4-83

Pipe Organ No. R-145 Date May 17, 1983
 For ST. LOUIS CATHEDRAL, ST. LOUIS, MISSOURI
 Action Electro-Pneumatic Console Chancel - Present - Movable
Processional - present - Detached
 Casing No. None Finish No change
 Decorations None Motor Chancel - Present Spencer 15 HP
Processional - Present Spencer 3 HP
 Width of Key-bed Standard Stop Controls Stop Keys
 No. Manuals Chancel - Four Wind Pressure See Scale Sheet
Processional - Two
 To be Completed November 1, 1983 Blower Pipe furnished by Purchaser

SPECIFICATIONS

FOR
 REBUILDING PRESENT KILGEN ORGAN
 OPUS 7215-19 AND REENGINEERING
 GREAT, SOLO AND PEDAL

CHANCEL ORGAN

CONSOLE

Reuse present console, rebuilding same as follows:

Replace all contacts.
 Restore combination action.
 Replace burrs and felt washers on manual keys.
 Replace crescendo and expression pedal pads and edging.
 Refelt action as required.
 Refelt pedal keyboard.
 Recover roll top.
 Do not alter or refinish cabinet.
 Install pedal light.
 Remove back panel of bench if practical.

VENTIL CHESTS

Recover all manual pipe pouches.
 Recover four 73 note primary stations and install new magnets.
 Recover stop action primaries and install new magnets.

PITMAN CHESTS

Install new main chests for Great Organ to replace present Great chests.

UNIT CHESTS

Recover all unit actions and install new magnets.

SWITCHES

Install new switches and relays.

PEDAL ORGAN

Recover all pedal actions and install new magnets.
 Install new switches and relays.

EXPRESSION

Refelt shades to assure tight closing.
 Install new expression actions and trace rods.
 Rework Solo expression as required by relocation.

RESERVOIRS

Recover all reservoirs and install new curtain valves as required.

TREMOLOS

Install new tremolos thruout.

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ST. LOUIS CATHEDRAL, ST. LOUIS, MISSOURI

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ES

CHANCEL ORGAN - continued

Revoice all pipes.

Repack all wood pipe stoppers, replacing any found damaged.

Paint all zinc pipes.

Replace all tuner slides.

Close present roll tuners and provide new roll tuners on reed pipes.

Replace any missing pipes or those damaged beyond repair with new pipes.

LES

Install new plastic covered cables between console and organ.

Install new action current wires between console, organ, and

DC organ power unit.

TION CURRENT

Install new 10-15 volts DC organ power unit.

WER

Reuse present blower without change or guarantee.

Install new 15" & 10" diameter flexible connections with draw bands.

PLAY PIPES

Install new display pipes beyond Great Organ at each side. Finish G-102.

ERAL

All parts specified to be rebuilt to be returned to the factory of M. P. Müller, Inc. at Hagerstown, Maryland except certain large pipes.

All parts from present instrument not required to complete this program becomes the property of M. P. Müller, Inc.

Rearrange Pedal Organ and certain Great Organ offsets in upper left space. Eliminate Great expression.

Provide enclosure for Solo Organ to the right and partial enclosure for unenclosed Pedal Organ to the left of the rose window.

There will be no change in the tonal design of the organ.

M. P. Moller, Inc. will furnish new chests for the Great Organ so the proper pipe line will be developed. Design to be approved by the Cathedral.

PROCESSIONAL ORGAN

SOLE

Reuse present console without any rework or guarantee.

Polish present console cabinet at site.

TIL CHESTS

Recover all manual pipe pouches.

Recover one 73 note primary station and install new magnets.

Recover stop action primaries and install new magnets.

T CHESTS

Recover all unit actions and install new magnets.

TCHES

Install new switches.

AL ORGAN

Recover all pedal actions and install new magnets.

Install new switches.

PROCESSIONAL ORGAN - continued

EXPRESSION Refelt shades to assure tight closing.
Install new expression actions and trace rods.

RESERVOIRS Recover all reservoirs and install new curtain valves as required.

TREMOLOS Install new tremolo.

PIPES Revoice all pipes.
Repack all wood pipe stoppers, replacing any found damaged.
Paint all zinc pipes.
Replace all tuner slides.
Close present roll tuners and provide new roll tuners on reed pipes.
Replace any missing pipes or those damaged beyond repair with
new pipes.

CABLES Install new plastic covered cables between console and organ.
Install new action current wires between console, organ and
DC organ power unit.

ACTION CURRENT Install new 10-15 volts, 30 amperes DC organ power unit.

BLOWER Reuse present blower without change or guarantee.
Install new 15" diameter flexible connection with draw bands.

GENERAL All parts specified to be rebuilt to be returned to the factory of
M. P. Möller, Inc. at Hagerstown, Maryland.

All parts from present instrument not required to complete this
program become the property of M. P. Möller, Inc.

SPECIFICATIONS
FOR
CHANCEL CONSOLE AND ORGAN

MANUAL COMPASS	CC to C4, 61 notes
PEDAL COMPASS	CCC to G, 32 notes
WIND PRESSURE	See scale sheets
PITCH	A-440 @ 70°F

ALL PRESENT PIPESALL PRESENT ACTIONS EXCEPT GREAT ORGAN18 GREAT ORGAN - Unenclosed around rose window

1.	16	Spitz Flute.....(#1-12 present action).....	73 pipes
2.	8	First Diapason....(#1-12 present action).....	61 pipes
3.	8	Second Diapason...(#1-10 present action).....	61 pipes
4.	8	Third Diapason.....	61 pipes
5.	8	Doppel Flute.....	61 pipes
6.	8	Clarabella.....	61 pipes
7.	8	Viola	61 pipes
8.	8	Spitz Flute.....from #1.....	61 notes
9.	4	Octave.....	61 pipes
10.	4	Principal.....	61 pipes
11.	4	Hohl Flute.....	61 pipes
12.	2-2/3	Twelfth.....	61 pipes
13.	2	Fifteenth	61 pipes
14.	V	Full Mixture	305 pipes
15.	8	Tromba	61 pipes
16.		Tremolo	
17.		Chimesfrom #67.....	25 notes

21 SWELL ORGAN - Enclosed in left lower chamber

18.	16	Bourdon.....	73 pipes
19.	8	Open Diapason.....	73 pipes
20.	8	Geigen Diapason.....	73 pipes
21.	8	Rohr Flute.....	73 pipes
22.	8	Flauto Dolce.....	73 pipes
23.	8	Flute Celeste TC	61 pipes
24.	8	Salicional	73 pipes
25.	8	Voix Celeste	73 pipes
26.	4	Octave Geigen.....	73 pipes
27.	4	Flute Harmonic.....	73 pipes
28.	2-2/3	Nazard.....	61 pipes
29.	2	Wald Flute.....	61 pipes
30.	IV	Scharf.....	244 pipes
31.	16	Fagotto.....(not affected by Tremolo).....	73 pipes
32.	8	Cornopean.....	73 pipes
33.	8	Oboe.....	73 pipes
34.	8	Vox Humana.....	73 pipes
35.	4	Clarion.....	73 pipes
36.		Tremolo	

CHANCEL CONSOLE AND ORGAN - continued

10 CHOIR ORGAN - Enclosed in right lower chamber

37.	16	Dulciana.....	73 pipes
38.	8	Small Diapason.....	73 pipes
39.	8	Violin Diapason	73 pipes
40.	8	Gedeckt	73 pipes
41.	8	Concert Flute.....	73 pipes
42.	8	Flute Celeste TC.....	61 pipes
43.	8	Gemshorn	73 pipes
44.	8	Gemshorn Celeste TC.....	61 pipes
45.	8	Dulciana	73 pipes
46.	8	Unda Maris TC.....	61 pipes
47.	4	Fugara.....	73 pipes
48.	4	Saube Flute.....	73 pipes
49.	2-2/3	Rohr Nazard	61 pipes
50.	2	Piccolo	61 pipes
51.	1-3/5	Tierce	61 pipes
52.	1-1/7	Septieme.....	61 pipes
53.	8	English Horn.....	73 pipes
54.	8	Clarinet	73 pipes
55.		Tremolo	
56.		Chimes	from #67.....25 notes
57.		Schulmerich Bells....(replaces Harp) provide slide in console	
			wired to junction.....25 notes

8 SOLO ORGAN - Enclosed in right upper chamber

58.	8	Principal.....	73 pipes
59.	8	Gedeckt Brommer.....	73 pipes
60.	8	Violone Cello.....	73 pipes
61.	8	Solo Celeste TC.....	61 pipes
62.	4	Flute Ouverte.....	73 pipes
63.	8	Tuba Mirabilis.(not affected by Tremolo).....	73 pipes
64.	8	French Horn....(not affected by Tremolo).....	73 pipes
65.	8	Trompette.....(not affected by Tremolo).....	73 pipes
66.		Tremolo	
67.		Chimes....present Deagan Class A new electric action, transformer,	
		relays and volume control, G to G, #20 to 44.....	25 tubes

CHANCEL CONSOLE AND ORGAN - continued

8 PEDAL ORGAN

68.	32	Bourdon.....	from #71.....	32 notes
69.	16	Open Diapason.....	(Unenclosed).....	44 pipes
70.	16	Violone	(Enclosed with Swell).....	32 pipes
71.	16	Sub Bass.....	(Enclosed with Swell).....	44 pipes
72.	16	Bourdon.....	(Enclosed with Choir).....	44 pipes
73.	16	Spitz Flute.....	from #1.....	32 notes
74.	16	Lieblich Gedeckt.....	from #18.....	32 notes
75.	16	Dulciana	from #37.....	32 notes
76.	10-2/3	Quint	(Unenclosed).....	44 pipes
77.	8	Octave.....	from #69.....	32 notes
78.	8	Principal.....	(Unenclosed).....	56 pipes
79.	8	Cello	from #60.....	32 notes
80.	8	Bass Flute.....	from #71.....	32 notes
81.	8	Gedeckt	from #72.....	32 notes
82.	8	Spitz Flute.....	from #1	32 notes
83.	8	Flauto Dolce.....	from #18.....	32 notes
84.	5-1/3	Quint.....	from #76.....	32 notes
85.	4	Octave.....	from #78.....	32 notes
86.	4	Block Flute.....	(Enclosed with Choir).....	32 pipes
87.	2	Doublette.....	from #78.....	32 notes
88.	32	Mixture Trombone Cornet (V. Ranges) from #78 + 90		32 notes
89.	V	Mixture	from #14.....	32 notes
90.	16	Trombone.....	(Unenclosed).....	56 pipes
91.	16	Fagotto	from #31.....	32 notes
92.	8	Tromba	from #90.....	32 notes
93.	4	Clarion	from #90.....	32 notes

COUPLERS - no change

94.	Great to Pedal	116.	Solo to Choir 16
95.	Great to Pedal 4	117.	Solo to Choir
96.	Swell to Pedal	118.	Solo to Choir 4
97.	Swell to Pedal 4	119.	Great 16
98.	Choir to Pedal	120.	Great Unison Off
99.	Choir to Pedal 4	121.	Great 4
100.	Solo to Pedal	122.	Swell 16
101.	Swell to Great 16	123.	Swell Unison Off
102.	Swell to Great	124.	Swell 4
103.	Swell to Great 4	125.	Choir 16
104.	Choir to Great 16	126.	Choir Unison Off
105.	Choir to Great	127.	Choir 4
106.	Choir to Great 4	128.	Solo 16
107.	Solo to Great 16	129.	Solo Unison Off
108.	Solo to Great	130.	Solo 4
109.	Solo to Great 4	131.	Processional P
110.	Solo to Swell 16	132.	Processional MP
111.	Solo to Swell	133.	Processional MF
112.	Solo to Swell 4	134.	Processional F
113.	Swell to Choir 16	135.	Processional FF
114.	Swell to Choir	136.	Processional Full
115.	Swell to Choir 4		(Processional plays on Solo and Pedal)

ADJUSTABLE COMBINATIONS - no change

Pistons No. 1-2-3-4-5-6-7-8	Affecting Great
Pistons No. 1-2-3-4-5-6-7-8	Affecting Swell
Pistons No. 1-2-3-4-5-6-7-8	Affecting Choir
Pistons No. 1-2-3-4-5-6	Affecting Solo
Toe Studs No. 1-2-3-4-5-6-7-8	Affecting Pedal (duplicated by manual pis
Pistons No. 1-2-3-4-5-6-7-8	Generals (duplicated by toe studs)
Divisional nameplate cancels	
General Cancel	

REVERSIBLES - no change

Great to Pedal - toe stud
Swell to Pedal - toe stud
Choir to Pedal - toe stud
Sforzando F - manual piston & toe stud with indicator light
Sforzando FF - manual piston & toe stud with indicator light
Master expression - manual piston & toe stud with indicator light
Processional Console On-Off - manual piston with indicator light
(Add switching to kill entire processional console including pedal keys)

PEDAL MOVEMENTS

Balanced Expression Pedal - unused
Balanced Expression Pedal - Swell Organ
Balanced Expression Pedal - Choir Organ
Balanced Expression Pedal - Solo Organ
Balanced Crescendo Pedal with indicator light

ACCESSORIES

Concave, radiating pedal clavier
Organ bench
Present music rack light
New pedal light
Wind current indicator light
Present motor and blower
New DC organ power unit
New Schulmerich bells control panel

SPECIFICATIONS
FOR
PROCESSIONAL CONSOLE AND ORGAN

MANUAL COMPASS CC to C4, 61 notes
PEDAL COMPASS CCC to G, 32 notes
WIND PRESSURE See scale sheets
PITCH A-440 @ 70°F

3 PROCESSIONAL GREAT ORGAN - Enclosed with Swell

1	8	Open Diapason.....	73	pipes
2	8	Gross Gedeckt.....	61	pipes
3	8	Viole	61	pipes
4	8	Gedecktfrom #10.....	61	notes
5	4	Octave.....from #1	61	notes
6	8	Horn.....from #17.....	61	notes
7	4	Horn.....from #17.....	61	notes

6 PROCESSIONAL SWELL ORGAN - Enclosed

8	16	Bourdon TC.....from #10.....	61	notes
9	8	Open Diapason.....from #1	73	notes
10	8	Gedeckt	85	pipes
11	8	Vox Angelica.....	73	pipes
12	8	Vox Aetheria TC	61	pipes
13	4	Principal	73	pipes
14	4	Flute d'Amour.....from #10.....	73	notes
15	2-2/3	Nazard	61	pipes
16	2	Flautino.....from #10.....	61	notes
17	8	Horn.....	73	pipes
18	4	Clarion.....from #17.....	61	notes
19		Tremolo		

1 PROCESSIONAL PEDAL ORGAN

20	16	Sub Bass	44	pipes
21	16	Bourdon12 pipes; 20 from #10.....	32	notes
22	8	Bass Flute.....from #20.....	32	notes
23	8	Violefrom #3.....	32	notes
24	8	Gedeckt.....from #10.....	32	notes
25	16	Contra Horn.....12 pipes; 20 from #17.....	32	notes

COUPLERS - no change

26	Great to Pedal	31	Great 4
27	Swell to Pedal	32	Swell 16
28	Swell to Great 16	33	Swell 4
29	Swell to Great		
30	Swell to Great 4		

PROCESSIONAL CONSOLE AND ORGAN

PEDAL MOVEMENTS - no change

Great to Pedal reversible
Balanced Expression Pedal - Entire Organ
Balanced Crescendo Pedal

ACCESSORIES

Concave, radiating pedal clavier
Organ bench with music shelf
Music rack light
Motor starter switch
Wind indicator light
Console cutout light
Present motor and blower
New DC organ power unit