

M. P. MÖLLER Organ Factory

3/34

Pipe Organ No.	R-708	Date	June 3, 1963
For	St. Paul's Methodist Church Hagerstown, Md.		
Action	Electro-Pneumatic	Console	Present - rebuilt and refinished
Casing No	None	Finish	To customer's selection
Decorations	None	Motor	New Style 3-P-3328 Blower & new DC organ power unit.
Width of Key-bed	Standard	Stop Controls	Draw knobs & tilting tablets
No. Manuals	Three and Pedal	Wind Pressure	64.3 1/2", Sw. Ch. 5", Rd. 3 1/2" 5", 7"
To be Completed	October 1, 1963	Blower Pipe furnished by	M. P. M., Inc.

SPECIFICATIONS

FOR

REBUILDING PRESENT MOLLER ORGAN OPUS 3030-1921 (Rebuilt 1941)

CONSOLE

Rebuild existing console as follows:

- Install new silver contacts on stops and couplers.
- Install new draw knobs as required.
- Install new silver contacts on present combination pistons.
- Install new coupler slides.
- Rework present combination action to conform to revised specifications.
- Install three new reversible actions.
- Install two new expression roller switches with silver contacts.
- Install new crescendo roller switch with silver contacts.
- Install new sforzando mechanism.
- Install new 29 note primary station.
- Install two new console terraces.
- Install new expression pedal for Schulmerich Chimes.
- Recover five combination pneumatics.
- Releather five combination primaries.
- Rewire console.
- Refelt console completely.
- Refelt pedal keyboard completely and install new rubber tips on wiper wires.
- Refinish console, organ bench and pedal keyboard.

GREAT ORGAN

Install new unenclosed Great Organ division, complete, as specified.

MANUAL CHESTS

- Releather 1243 manual pipe pouches.
- Install 1723 new stop action checks and eyelets.
- Releather 31 stop action primaries and install new magnet plugs and armatures.
- Releather one 73 note primary and install new magnet plugs and armatures.
- Releather two 61 note primaries and install new magnet plugs and armatures.

OFFSET ACTIONS

- Releather Swell 16 Gedeckt unit action #1 to #97 and install new magnet plugs and armatures.
- Releather Swell 8 Violin Diapason action #1 & #2.

CONTACT BOX

- Releather one 73 note Swell Contact Box and install new silver wire contact blocks.

SWITCHES

Install the following new electro-pneumatic switches with stop actions:

Swell 16 Gedeckt	73 notes
Swell 8 Gedeckt	73 notes
Swell 4 Flute d'Amour	73 notes

CHIMES

Releather and refelt present 20 note Chime action.
Recover 20 chime pneumatics.
Install new tube and action for Top F#42.

HARP

Releather and refelt present 49 note Harp action.
Recover 49 harp pneumatics.

PEDAL ORGAN

Releather 16 Diapason action #1 to #32 incl. and install new magnet plugs and armatures.
Releather 16 Bourdon action #1 to #44 incl. and install new magnet plugs and armatures.
Releather 16 Trumpet action #1 to #12 incl. and install new magnet plugs and armatures.
Releather 20 note primary for 16 Trumpet.
Install new action for 8 Octave #1 to #56 incl.
Install new 32 note Pedal Relay with eight 32 note switches.

EXPRESSION

Releather 8 note expression action for Swell Organ.
Releather 10 note expression action for Choir Organ.
Recover 18 shade and bumper pneumatics.
Install 18 new shade jacks with connecting rod assemblies.

RESERVOIRS

Recover the following existing reservoirs and install new curtain valves as required:

One (1)	3'-0" x 5'-0"	Manual reservoir
One (1)	3'-0" x 4'-0"	Manual reservoir
One (1)	1'-9" x 3'-0"	Pedal reservoir
One (1)	16" x 21"	Cone Valve reservoir
One (1)		Blower reservoir
One		Chimes reservoir
One		Harp reservoir
Two		Expression reservoirs

TREMOLOS

Install three new electro-pneumatic tremolos.

PIPES

Install the following new pipes on new actions: 18

Great	16	Quintaton	61 Pipes
Great	8	Diapason	61 Pipes
Great	8	Rohrflöte	61 Pipes
Great	4	Octave	61 Pipes
Great	2	Doublette	61 Pipes
Great	IV	Furniture	244 Pipes

PIPES (Cont'd)

Install the following new pipes on present actions:

Swell	III	Plein Jeu	183 Pipes
Swell	8	Trompette	73 Pipes
Swell	4	Clarion	61 Pipes
Choir	4	Gemshorn	124 Pipes (#50 to #63 ^{#61} incl)
Choir	2-2/3	Nazard	61 Pipes
Choir	2	Blockflöte	61 Pipes
Choir	1-3/5	Tierce	61 Pipes
Choir	8	Harmonic Trumpet	61 Pipes
Pedal	16	Trumpet	12 Pipes

CABLES

Install new plastic covered cables between console and organ.
 Install new action current wires between console, organ and blower.

BLOWER

Install new 5 HP, Style 3-P-3328 Kinetic Blower.

ACTION CURRENT

Install new 30 ampere DC organ power unit.

GENERAL

The entire organ to be returned to factory of M. P. Moller, Inc.
 at Hagerstown, Md. for reworking and rebuilding as specified
 above.

SPECIFICATIONS
 FOR
 CONSOLE AND ORGAN

MANUAL COMPASS

CC to C₄, 61 Notes

PEDAL COMPASS

CCC to G, 32 Notes

WIND PRESSURE

c+. 3½", Sw. 4.5", Pd. 3½", 5", 7"

PITCH

A=440 @ 70° F

GREAT ORGAN (unenclosed) 9

1	16	Quintaton.....	new pipes; new action.....	61 Pipes
2	8	Diapason.....	new pipes; new action.....	61 Pipes
3	8	Rohrflöte.....	new pipes; new action.....	61 Pipes
4	4	Octave.....	new pipes; new action.....	61 Pipes
5	2	Doublette.....	new pipes; new action.....	61 Pipes
6	IV	Fourniture.....	new pipes; new action.....	244 Pipes
7		Chimes.....	present tubes, present action #22 to #41 incl; new top F #42 tube and action. A to F #22 to #42 incl.....	21 Tubes
8		Tremolo		

SWELL ORGAN "

9	16	Gedeckt (unit).....present 16 Bourdon pipes; present 16 Bourdon action.....97 Pipes
10	8	Violin Diapason.....present 8 Viol Diapason pipes; present 8 Viol Diapason action.....73 Pipes
11	8	Gedeckt.....from #9.....73 Notes
12	8	Salicional.....present 8 Viole d'Orchestre pipes; present 8 Viole d'Orchestre action.....73 Pipes
13	8	Voix Celeste TC.....present pipes; present action.....61 Pipes
14	4	Octave.....present Choir 8 Open Diapason pipes; present Swell 8 Aeoline action.....73 Pipes
15	4	Flute d'Amour.....from #9.....73 Notes
16	III	Plein Jeu.....new pipes; present 8 Open Diapason action..183 Pipes
17	16	Fagot TC.....from #18.....49 Notes
18	8	Oboe.....present pipes; present action.....61 Pipes
19	8	Trompette.....new pipes; present 8 Cornopean action....73 Pipes
20	4	Clarion.....new pipes; present 8 Vox Humana action...61 Pipes
21		Tremolo

CHOIR ORGAN "

22	8	Concert Flute.....present Great 8 Concert Flute pipes; present Great 8 Doppel Flute action.....61 Pipes
23	8	Dulciana.....present pipes; present 8 Gemshorn action.....61 Pipes
24	8	Unda Maris TC.....present Swell 8 Aeoline pipes; present Choir 8 Gemshorn Celeste TC action.....49 Pipes
25	8	Flute Celeste TC....present Great 8 Flute Celeste TC pipes; present Great 8 Flute Celeste TC action..49 Pipes
26	4	Harmonic Flute.....present Great 4 Flute Harmonic pipes; 61 present Great 4 Flute Harmonic action....61 Pipes
27	4	Gemshorn.....present pipes #1-49, new pipes #50-70, 61; 61 present 8 Open Diapason action.....73 Pipes
28	2-2/3	Nazard.....new pipes; present Great 8 Concert Flute action.....61 Pipes
29	2	Blockflöte.....new pipes; present 8 Cello action.....61 Pipes
30	1-3/5	Tierce.....new pipes; present 8 Dulciana action.....61 Pipes
31	8	Clarinet.....present pipes; present action.....61 Pipes
32	8	Harmonic Trumpet....new pipes; present Great 8 Tuba action...61 Pipes
33		Harp.....present bars; present action.....49 Bars
34		Tremolo

PEDAL ORGAN (*) 3

35	16	Diapason.....	present Great 16 Double Open Diapason pipes; present Pedal 16 Open Diapason action.....	1-24 present Swell 8 Open Diapason pipes #1-12; present Great 16 Double Diapason pipe #13 + up	32 Pipes
36	16	Bourdon.....	present pipes; present action.....		44 Pipes
37	16	Gedeckt.....	from #9.....		32 Notes
38	8	Octave.....	present Swell 8 Open Diapason pipes; new action.....		56 Pipes
39	8	Bourdon.....	from #36.....		32 Notes
40	8	Gedeckt.....	from #9.....		32 Notes
41	4	Principal.....	from #38.....		32 Notes
42	4	Gedeckt.....	from #9.....		32 Notes
43	2	Octavin.....	from #38.....		32 Notes
44	16	Trumpet.....	new pipes, present 16 Tuba action #1-12; 20 from #32.....		32 Notes

(*) Pedal Organ playable thru new Pedal Relay and Switches to be supplied by MPM, Inc.

COUPLERS (no change except as indicated by *)

45	Great to Pedal	59	Great 4
46	Great to Pedal 4	60	Choir to Swell 16
47	Swell to Pedal	61	Choir to Swell
48	Swell to Pedal 4	62	Choir to Swell 4
49	Choir to Pedal	63	Swell 16
50	Choir to Pedal 4	64	Swell Unison Off
51	Swell to Great 16	65	Swell 4
52	Swell to Great	66	Swell to Choir 16
53	Swell to Great 4	67	Swell to Choir
54	Choir to Great 16	68	Swell to Choir 4
55	Choir to Great	69	Choir 16
56	Choir to Great 4	70	Choir Unison Off
57	Great 16	71	Choir 4
*58	Great Unison Off		

ADJUSTABLE COMBINATIONS (no change except as indicated by *)

Pistons No. 1-2-3-4-5-6	Affecting Great Organ (with cancel bar)
Pistons No. 1-2-3-4-5-6	Affecting Swell Organ (with cancel bar)
Pistons No. 1-2-3-4-5-6	Affecting Choir Organ (with cancel bar)
Pistons No. 1-2-3-4-5	*Affecting Pedal Organ (with cancel bar)
Pistons No. 11-2-3-4-5-6-7-8	*Affecting Full Organ (pistons #1 to #5 duplicated by toe studs)
General Cancel Piston	

PEDAL MOVEMENTS

- 1- Great to Pedal Reversible.
- 2- Swell to Pedal Reversible.
- 3- Choir to Pedal Reversible.
- 4- Balanced Expression Pedal - Swell Organ (8 contacts, regular system) with indicator disc.
- 5- Balanced Expression Pedal - Choir Organ (10 contacts, regular system) with indicator disc.
- 6- Balanced Expression Pedal - Schulmerich Chimes.
- 7- Balanced Crescendo Pedal with indicator disc.
- 8- Sforzando Reversible (duplicated by manual piston) with indicator light (red jewel)

ACCESSORIES

Present music rack light.

Present concave and radiating pedal keyboard.

Present organ bench with music shelf.

New 5 HP Kinetic Blower and new DC organ power unit of ample capacity.

Pedal light