

M. P. MÖLLER Organ Factory

3/30

File

Pipe Organ No. R-820 Date April 15, 1969
For EMMANUEL EVANGELICAL LUTHERAN CHURCH, ROCKFORD, ILLINOIS
Action Electro-Pneumatic Console Detached
Casing No. None Finish To customer's selection
Decorations None Motor Present motor & blower.
New DC organ power unit.
Width of Key-bed Standard Stop Controls Draw Knobs & Tilting Tablets
No. Manuals Three & Pedal-English Keys-Multiple Wind Pressure Gr. & Chor 4", Sw. & Ped. 5"
To be Completed December 1, 1969 Blower Pipe furnished by Purchaser

SPECIFICATIONS

FOR

REBUILDING PRESENT MOLLER ORGAN - OPUS 3576 - 1923
44431 3/23

CONSOLE

Install new three manual detached electro-pneumatic draw knob type console, pedal keyboard and organ bench.

MANUAL CHESTS

Releather 1215 manual pipe pouches
Install 1483 new stop action checks and eyelets
Install 268 new duplex shifters
Releather 21 stop action primaries and install new outside type magnets
Releather four 73 note primaries and install new outside type magnets

OFFSET ACTIONS

Releather the following offset actions and install new outside type magnets:

Great 16 Quintade - #1 to #16 incl - 16 Notes
Great 8 Principal - #1 to # 8 incl - 8 Notes
Great 16 Trompete (unit) - #1 to #85 incl - 85 Notes
Swell 16 Gedeckt (unit) - #1 to #97 incl - 97 Notes
Swell III Scharf - #1 to # 8 incl - 8 Notes
Swell 8 Vox Humana - #1 to #61 incl - 61 Notes

RELAYS

Install new 73 note Relay for Great Organ
Install new 73 note Relay for Swell Organ

SWITCHES

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

Great 16 Quintade	-	32 Notes
Great 8 Principal	-	8 Notes
Great 8 Trompete	-	73 Notes
Great Chimes	-	25 Notes
Swell 8 Gedeckt	-	73 Notes
Swell 4 Gedeckt	-	73 Notes
Swell III Scharf	-	8 Notes
Swell 8 Vox Humana	-	61 Notes

PEDAL ORGAN

Releather 16 Contra Bass action #1 to #44 incl. and install new outside type magnets.
Install new action for 16 Contra Bass #45 to #56 incl.
Releather 16 Bourdon action #1 to #44 incl and install new outside type magnets.
Install present Great II Grave Mixture pipes and action in Pedal Organ to play as Pedal II Mixture - 88 pipes and action.
Install two new 32 note Pedal Relays with fifteen 32 note switches.

CHIMES

Releather and refelt present 25 note action.
Recover 25 chime pneumatics.

EXPRESSION

Install one new 9 note and one new 6 note expression action for Great Organ.
Install one new 9 note and one new 6 note expression action for Swell Organ.

RESERVOIRS

Install the following new reservoirs:

One (1)	3'-6" x 3'-6" Blower Reservoir
One (1)	Pedal Reservoir for II Mixture
Two (2)	Shade Reservoirs

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

Two (2)	3'-0" x 4'-0" Manual Reservoirs
Three (3)	Pedal Reservoirs
One (1)	Chime Reservoir

TREMOLOS

Install two new electro-pneumatic tremolos.

PIPES

Install the following new pipes: 17

Great 16 Quintade - 73 Pipes
Great 8 Principal - 73 Pipes
Great 8 Holzgedeckt - 73 Pipes
Great 4 Spitzflöte - 73 Pipes
Great II-IV Fourniture - 208 Pipes
Great 8 Trompete - 73 Pipes
Swell 2 Flageolet - 61 Pipes
Swell III Scharf - 183 Pipes
Swell 16 Fagotto (half length) - 73 Pipes
Swell 4 Clarion - 73 Pipes
Choir 2 Weitprincipal - 61 Pipes
Choir 1-1/3 Larigot - 61 Pipes
Pedal 16 Contra Bass - #45 to #56 - 12 Pipes
Pedal 16 Double Trompete - 12 Pipes

Revoice the following existing pipes:

Great 4 Octave - 73 Pipes
Swell 8 Gedeckt - 85 Pipes
Swell 8 Salicional - 73 Pipes
Swell 8 Vox Celeste TC - 61 Pipes
Swell 4 Principal - 73 Pipes
Swell 8 Trompette - 73 Pipes
Swell 8 Vox Humana - 61 Pipes
Choir 8 Dulciana - 73 Pipes
Choir 8 Clarinet - 73 Pipes
Pedal 16 Contra Bass - 44 Pipes
Pedal 16 Bourdon - 44 Pipes
Pedal 16 Gedeckt - 12 Pipes
Pedal II Mixture - 88 Pipes

Repack stoppers of all wood pipes being re-used.

CABLES

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

BLOWER

Present motor and blower to be re-used.
Recondition blower as required.

ACTION CURRENT

Install new 30 ampere organ power unit.

GENERAL

Entire organ to be returned to the factory of M. P. Moller, Inc.,
at Hagerstown, Maryland, for rebuilding as specified above.

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SPECIFICATIONS

FOR

CONSOLE AND ORGAN

MANUAL COMPASS
PEDAL COMPASS
WIND PRESSURE
PITCH

CC to C4, 61 Notes
CCC to G, 32 Notes
Gr. & Chor. 4'; Sw. & Ped. 5"
A-440 @ 70° F

GREAT ORGAN 10

1	16	Quintade	new pipes; present 16 Open Diapason action.....	73 Pipes
2	8	Principal	new pipes; present 8 First Open Diapason action.....	73 Pipes
3	8	Holzgedeckt	new pipes; present 8 Doppel Flute action.....	73 Pipes
4	8	Quintaton	from #1.....	61 Notes
5	4	Octave	present pipes; present action.....	73 Pipes
6	4	Spitzflöte	new pipes; present 8 Clarabella action.....	73 Pipes
7	2	Fifteenth	from #27.....	61 Notes
8	II-IV	Fourniture	new pipes; present 4 Flute d'Amour action.....	208 Pipes
9	8	Trompette (Unit)	new pipes, present 8 Tuba action.....	73 Pipes
10		Chimes	present tubes; present action.....	25 Tubes
11		Tremolo		
11a.		Carillon	Pres. Maas electronic equipment, F to F, #1 to #42, 25 Notes Provide necessary switch, relay, wiring, etc. in console SWELL ORGAN cable to electronic equipment.	
			12	
12	8	Gedeckt (Unit)...	present Bourdon pipes; present Bourdon action..	85 Pipes
13	8	Salicional	present pipes; present action.....	73 Pipes
14	8	Vox Celeste TC	present pipes; present action.....	61 Pipes
15	4	Principal	present pipes; present 8 Flute Traverso action.....	73 Pipes
16	4	Gedeckt	from #12.....	73 Notes
17	2	Flageolet	new pipes; present 8 Aeoline action.....	61 Pipes
18	III	Scharf	new pipes; present 8 Open Diapason action.....	183 Pipes
19	16	Fagotto (half length)	new pipes; present 4 Flute Harmonique action.....	73 Pipes
20	8	Trompette	present pipes, present 8 Oboe action.....	73 Pipes
21	8	Vox Humana	present pipes; present action.....	61 Pipes
22	4	Clarion	new pipes; present 8 Cornopean action.....	73 Pipes
23		Tremolo		

Great

11a.

Carillon - Pres. Maas electronic equipment, F to F, #18 to #42 - 25 Notes
Provide necessary switch, relay, wiring, etc. in console
& cable to electronic

CHOIR ORGAN †

24	8	Holzgedeckt	from #3.....	73 Notes
25	8	Dulciana	present Great 8 Dulciana pipes; present Choir 8 Viola D'Gamba action.....	73 Pipes
26	4	Spitzflöte	from #6.....	73 Notes
27	2	Weitprincipal ...	new pipes; present Great 8 Dulciana action.....	61 Pipes
28	1-1/3	Larigot	new pipes; present Choir 8 English Open Diapason action.....	61 Pipes
29	8	Clarinet	present pipes; present action.....	73 Pipes
30		Blank Draw Knob		
31		Tremolo		

PEDAL ORGAN †

32	32	Resultant	from #32 and #33.....	32 Notes
33	16	Contra Bass	present pipes, 8 present 16 Open Diapason action #1 to #44, new pipes, new action #45 to #56, present pipes #1 to #12, new pipes #13 to #20, present pipes #21 to #36.	56 Pipes
34	16	Bourdon	present pipes; present action.....	44 Pipes
35	16	Quintade	from #1.....	32 Notes
36	16	Gedeckt	#1 to #12 present pipes, present action; 20 from #12.....	32 Notes
37	8	Principal	from #33.....	32 Notes
38	8	Bourdon	from #34.....	32 Notes
39	8	Gedeckt	from #12.....	32 Notes
40	4	Octave	from #33.....	32 Notes
41	4	Gedeckt	from #12.....	32 Notes
42	II	Mixture	present Great II Mixture pipes; present Great II Mixture action.....	88 Pipes
43	II	Acuta	from #42.....	32 Notes
44	16	Double Trompete	#1 to #12 new pipes, present 16 Tuba action; 20 from #9.....	32 Notes
45	8	Trompete	from #9.....	32 Notes
46	4	Clarion	from #9.....	32 Notes

(*) Pedal Organ playable thru new Pedal Relay and Switches by M. P. Moller, Inc.

COUPLERS

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

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5	Affecting Great Stops
Pistons No. 1-2-3-4-5	Affecting Swell Stops
Pistons No. 1-2-3-4-5	Affecting Choir Stops
Toe Studs No. 1-2-3-4-5	Affecting Pedal Stops
Pistons No. 1-2-3-4-5-6-7-8	Affecting Full Organ (Pistons No. 5-6-7-8 duplicated by toe studs)
General Cancel (including cancel of Tutti Reversible)	

PEDAL MOVEMENTS

- 1- Great to Pedal Reversible (duplicated by manual piston)
- 2- Swell to Pedal Reversible (duplicated by manual piston) *to affect Sw. to Ped. 4 in off movement only*
- 3- Choir to Pedal Reversible (duplicated by manual piston) *to affect Choir to Ped. 4 in off movement only*
- 4- Balanced Expression Pedal - Great-Choir Organ (16 contacts, regular system)
- 5- Balanced Expression Pedal - Swell Organ (16 contacts, regular system)
- 6- Balanced Crescendo Pedal with indicator light (green jewel)
- 7- Tutti Reversible (duplicated by manual piston) with indicator light (red jewel)

ACCESSORIES

Music rack light.
Pedal light.

Concave and radiating pedal keyboard.
Organ bench with music shelf.

Present motor and blower.
New DC organ power unit of ample capacity.

~~Mount existing control panel on console & provide related wiring in console
+ to electronic equipment.~~

Mount existing control panel on console & provide related wiring in
6/3/69 console & to electronic equipment.
RHM/bes