

M. P. MÖLLER Organ Factory

3/31

Steyer
File

Pipe Organ No. R-704 Date February 4, 1963
For Zion Evangelical and Reformed Church, Hagerstown, Md.
Action Electro-Pneumatic Console Detached
Casing No. Present Finish To customer's selection
Decorations See Below Motor present motor & blower. New DC organ power unit
Width of Key-bed Standard Stop Controls Draw Knobs & Tilting Tablets
No. Manuals Three and Pedal - English Keys Wind Pressure X" Gt. 3 1/2", Pos. 3", Sw 4", Rd. 4" & 5"
To be Completed September 1, 1963 Blower Pipe furnished by Present

SPECIFICATIONS

FOR

REBUILDING PRESENT MOLLER ORGAN = OPUS 5219-1928
31592 3125

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

MANUAL CHFFSTS Releather 1102 manual pipe pouches.
Install 1134 new stop action checks and eyelets.
Releather 19 stop action primaries and install new magnet plugs and armatures in existing magnets.
Releather one 13 note primary station and install new magnet plugs and armatures in existing magnets.
Releather two 61 note primary stations and install new magnet plugs and armatures in existing magnets.
Delete one 73 note primary station.
Rework existing chest actions to conform to revised specifications.

OFFSET ACTIONS Releather Great 8 Principal action #1 & #2 and install new magnet plugs and armatures in existing magnets.
Releather Great 8 Erzähler action #1 & #2 and install new magnet plugs and armatures in existing magnets.
Releather Swell 16 Lieblichbourdon unit action #1 to #97 incl. and install new magnet plugs and armatures in existing magnets.
Releather Swell 4 Prestant action #1 to #8 incl. and install new magnet plugs and armatures in existing magnets.
Releather Swell III Cymbale action #1 to #61 incl. and install new magnet plugs and armatures in existing magnets.

CONTACT BOXES Install new single conductor contact boxes for Great Organ as required.
Releather Swell Organ 73 note Contact Box and install new silver wire conductor contact blocks.

SWITCHES

Install the following new electro-pneumatic switches, wired to contact boxes:

Great	8	Principal	- #1 & #2	-	2 Notes
Great	8	Erzähler	- #1 & #2	-	2 Notes
Great		Chimes	- #1 to #21 incl	-	21 Notes
Swell	16	Lieblichbourdon	- #1 to #73 incl	-	73 Notes
Swell	8	Lieblichflöte	- #1 to #73 incl	-	73 Notes
Swell	4	Flute	- #1 to #73 incl	-	73 Notes
Swell	4	Prestant	- #1 to # 8 incl	-	8 Notes
Swell	III	Cymbale	- #1 to #61 incl	-	61 Notes

CHIMES

Relocate Chimes to Swell Organ chamber.
 Releather and refelt 21 note action and install new magnet plugs and armatures in present magnets.
 Install 21 new chime pneumatics.

PEDAL ORGAN

Releather 16 Principal Bass action #1 to #44 incl. and install new magnet plugs and armatures in existing magnets.
 Install new action for 16 Principal Bass #45 to #56 incl.
 Releather 16 Bourdon action #1 to #44 incl. and install new magnet plugs and armatures in existing magnets.
 Install new action for II Mixture - 64 Pipes.
 Install new unit action for 16 Fagotto #1 to #56 incl.
 Install new 32 note Pedal Relay with twelve 32 note switches.

EXPRESSION

Remove all present shades, motors and swell box from Great-Choir organ chamber.
 Releather Swell expression action and install new magnet plugs and armatures in existing magnets.
 Releather 30 shade and bumper pneumatics and install new shade jacks and connecting rods.

RESFRVOIRS

Releather the following 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
Three (3)	-	2'-0" x 4'-0"	Manual Reservoir
One (1)	-	1'-6" x 2'-6"	Pedal Reservoir
Three (3)	-	1'-4" x 1'-9"	Offset Reservoirs
One (1)	-		Expression Reservoir

Install one (1) new 2'-0" x 4'-0" Manual Reservoir for Positiv Chest.

TREMOLLO

Install one new electro-pneumatic tremolo.

PIPES

Install the following new pipes: 24

Great	8	Principal	61 Pipes
Great	8	Rohrflöte	61 Pipes
Great	8	Erzahler	61 Pipes
Great	4	Octave	61 Pipes
Great	4	Spitzflöte	61 Pipes
Great	2	Doublette	61 Pipes
Great	III	Fourniture	183 Pipes
Great	16	Dulzian	61 Pipes
Swell	4	Prestant	73 Pipes
Swell	2-2/3	Nasat	61 Pipes
Swell	2	Flageolet	61 Pipes
Swell	III	Cymbale	183 Pipes
Swell	8	Trompette	73 Pipes
Swell	4	Oboe Clarion	61 Pipes
Positiv	8	Gedeckt	61 Pipes
Positiv	4	Koppelflöte	61 Pipes
Positiv	2	Principal	61 Pipes
Positiv	II	Zimbel	122 Pipes
Pedal	II	Mixture	64 Pipes
Pedal	16	Fagotto	56 Pipes

CABLES

Present cables to be used without change.

BLOWER

Present motor and blower to be used without change.
Install new leather couplings on present blower.

ACTION CURRENT

Install new 30 Ampere DC organ power unit.

ORGAN CASE

Remove present display pipes, except corbels, and
install grille cloth fabric in existing openings.

GENERAL

Parts specified above to be rebuilt to be returned to
factory of M. P. Moller, Inc. at Hagerstown, Md. 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
5"
A-440 @ 70°F

GREAT ORGAN 10

1	8	Principal.....new pipes; present	Choir 8 English Diapason action.....	61	Pipes
2	8	Rohrflöte.....new pipes; present	Choir 8 Viola action.....	61	Pipes
3	8	Erzähler.....new pipes; present	Great 8 Gemshorn action.....	61	Pipes
4	4	Octave.....new pipes; present	Choir 8 Dulciana action.....	61	Pipes
5	4	Spitzflöte.....new pipes; present	Great 4 Flute Harmonic action.....	61	Pipes
6	2	Doublette.....new pipes; present	Great 2 Piccolo action.....	61	Pipes
7	III	Fourniture.....new pipes; present	Great 8 Concert Flute action.....	183	Pipes
8	16	Dulzian.....new pipes; present	Choir 8 Clarinet action.....	61	Pipes
9		Chimes.....present tubes; present	action.....	21	Tubes

SWELL ORGAN 11

10	16	Lieblichbourdon..present 16 Bourdon pipes; present 16 Bourdon action....	97	Pipes
		(unit)		
11	8	Lieblichflöte....from #10.....	73	Notes
12	8	Viola.....present 8 Viol d'Orchestre pipes; present 8 Viol d'Orchestre action.....	73	Pipes
13	8	Viole Celeste TC present 8 Vox Celeste TC pipes; present 8 Vox Celeste TC action.....	61	Pipes
14	4	Prestant.....new pipes; present 8 Open Diapason action.....	73	Pipes
15	4	Flute.....from #10.....	73	Notes
16	2-2/3	Nasat.....new pipes; present 8 SpitzFlute action.....	61	Pipes
17	2	Flageolet.....new pipes; present 8 Salicional action.....	61	Pipes
18	III	Cymbale.....new pipes; present 8 French Horn action.....	183	Pipes
19	8	Trompette.....new pipes; present 8 Oboe action.....	73	Pipes
20	4	Oboe Clarion.....new pipes; present 8 Dolce action.....	61	Pipes
21		Tremolo		

POSITIV ORGAN 5

22	8	Gedeckt.....new pipes; present	Great 8 DoppelFlute action.....	61	Pipes
23	4	Koppelflöte.....new pipes; present	Great 8 Viol d'Gamba action.....	61	Pipes
24	2	Principal.....new pipes; present	Great 8 First Open Diapason action..	61	Pipes
25	II	Zimbel.....new pipes; present	Great 16 Open Diapason action.....	122	Pipes

PEDAL ORGAN (*) 5

26	16	Principal Bass...present Great 16 Open Diapason pipes; present 16 First Open Diapason action #1 to #44 incl, new action #45 to #56.....	56	Pipes	
27	16	Bourdon.....present pipes; present	action.....	44	Pipes
28	16	Lieblich.....from #10.....	32	Notes	
29	8	Octave.....from #26.....	32	Notes	
30	8	Bourdon.....from #27.....	32	Notes	
31	8	Lieblichflöte....from #10.....	32	Notes	
32	4	Super Octave....from #26.....	32	Notes	
33	4	Lieblichflöte....from #10.....	32	Notes	
34	II	Mixture.....new pipes; new	action.....	64	Pipes
35	16	Fagotto (Unit)....new pipes; new	action.....	56	Pipes
36	8	Fagotto.....from #35.....	32	Notes	
37	4	Fagotto.....from #35.....	32	Notes	

(*) Pedal Organ playable thru new Pedal Relay and switches to be supplied by M.P.M., Inc.

COUPLERS

38	Great to Pedal	48	Great Unison Off
39	Great to Pedal 4	49	Swell 16
40	Swell to Pedal	50	Swell Unison Off
41	Swell to Pedal 4	51	Swell 4
42	Positiv to Pedal	52	Great to Positiv
43	Swell to Great 16	53	Swell to Positiv 16
44	Swell to Great	54	Swell to Positiv
45	Swell to Great 4	55	Swell to Positiv 4
46	Positiv to Great 16	56	Positiv 16
47	Positiv to Great	57	Positiv Unison Off

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5	Affecting Great Organ
Pistons No. 1-2-3-4-5	Affecting Swell Organ
Pistons No. 1-2-3	Affecting Positiv Organ
Toe Studs No. 1-2-3-4-5	Affecting Pedal Organ
Pistons No. 1-2-3-4-5	Affecting Full Organ (<i>Duplicated by toe studs</i>)
General Cancel Piston	

PEDAL MOVEMENTS

- 1- Great to Pedal Reversible (duplicated by manual piston)
- 2- Swell to Pedal Reversible (duplicated by manual piston)
- 3- Positiv to Pedal Reversible (duplicated by manual piston)
- 4- Balanced Expression Pedal - Swell Organ (30 contacts, regular system)
- 5- Balanced Crescendo Pedal with indicator light (green jewel)
- 6- Sforzando Reversible (duplicated by manual piston) with indicator light (red jewel)

ACCESSORIES

Plexiglas music rack with fluorescent light.

Pedal light.

Organ bench with music shelf.

Concave and radiating pedal keyboard.

Present motor and blower. New DC organ power unit.

Provide and install grille cloth as required where display pipes are removed.

Three signal buttons + three signal lights (white jewel) with marker engraved:

Pulpit, Narthex, + Choir.

2/26/63

RHM/bw