

M. P. MÖLLER Organ Factory

3/32

Pipe Organ No. R-138 Date July 27, 1982
For LUTHERAN CHURCH OF THE HOLY TRINITY, EPHRATA, PENNSYLVANIA
Action Electro-Pneumatic Console Present - Detached
Casing No. Present Grilles - no change Finish No change
Decorations None *New paneling for Trompette & Harmonium* Motor Present 5 HP, Style 3-P-3328
Width of Key-bed Standard Stop Controls Draw Knobs & Tilting Tablets
No. Manuals THREE Wind Pressure 4-1/2", Sw. Bdn & Ped Pos 5"
To be Completed March 10, 1983 Blower Pipe furnished by Purchaser *Trompette Harm. C**

SPECIFICATIONS

FOR
REBUILDING AND CHANGING TONALLY
PRESENT MÖLLER ORGAN OPUS 8336 - 1952

CONSOLE

Reuse present console rebuilding same as follows:

Replace all draw knobs & install new contacts.
Recover all coupler pneumatics.
Recover all combination pneumatics.
Recover all primaries and install new magnet armatures.
Recover all reversibles.
Replace crescendo and expression pedal pads and edging.
Replace burrs and felt washers on manual keys.
Refelt action as required.
Refelt pedal keyboard and install new insulating bushings.
Recover reservoir.
Recover roll top.
Install new knee panel and toe stud terraces, eliminating Great expression pedal.
Clean and polish cabinet, bench and pedal keyboard.
Install new markers as required.
Install new pedal light.

MANUAL CHESTS

Recover all manual pipe pouches.
Replace stop action checks and eyelets.
Replace duplex shifters.
Recover two 73 note, one 48 note, and one 25 note primary stations and install new magnet armatures.
Recover stop action primaries and install new magnet armatures.
Recover pedal primaries and install new magnet armatures.
Rework and/or install new toeboard/rackboard assemblies as required for tonal changes.

OFFSET & UNIT
ACTIONS

Recover the following actions and install new magnet armatures:

Great	8	Principal	11 notes
Swell	16	Bourdon	12 notes
Swell	8	Gemshorn	12 notes
Swell	2	Blockflöte	61 notes
Swell	IV-V	Plein Jeu	61 notes
Choir	8	Flauto Dolce	8 notes
Choir	4	Principal	85 notes

Install new actions as required by specifications

CHIMES

Reuse present Chime tubes, install new electric action, transformer, volume control, and relays.

CONTACT BOXES

Replace single conductor contact box for Great 8 Principal #1-11.
Recover two 73 note contact boxes and install new silver wire contact blocks.

SWITCHES

Recover electro-pneumatic switches and stop actions and install new magnet armatures.

PEDAL ORGAN

Install new actions as required by specifications.

Recover the following actions and install new magnet armatures:

16	Contrebasse	56 notes
16	Subbass	32 notes

Reuse 2 present 32 note relays.

Rework and recover present switches and stop actions and add new switches as required.

EXPRESSION

Eliminate Great expression.

Recover one 10 note, one 8 note, one 6 note and two 4 note expression actions and install new magnet armatures.

Recover all shade pneumatics.

Replace all shade jacks and connecting rods.

Refelt shades.

RESERVOIRS

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

One 3-0 x 4-0 manual
Two 2-6 x 4-0 manual
Three 1-6 x 2-6 offset
Two 1-6 x 2-0 offset
One 3-6 x 3-6 blower
Two expression

TREMOLOS

Install new electro-pneumatic tremolos.

PIPES

Install new pipes as indicated by organ specifications.

Revoice all pipes being reused.

Repack all wood pipe stoppers.

CABLES

Install new plastic covered cables between console and organ.

Install new action current wires between console, organ & DC organ power ~~lines~~

ACTION CURRENT Reuse present DC organ power unit without change.

BLOWER Reuse present 5 HP, Style 3-P-3328 motor and blower without change.
Install new motor-blower coupling leathers.
Install new 14" diameter flexible connection with draw bands.

GENERAL All parts specified above 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 instrument become the property of M. P. Möller, Inc.

SPECIFICATIONS
FOR
CONSOLE AND ORGAN

MANUAL COMPASS CC to C4, 61 notes
PEDAL COMPASS CCC to G, 32 notes
WIND PRESSURE 4-1/2", Swell Bourdon & Pedal Posaune 5", *Trompette Harmonique*
PITCH A-440 @ 70°F

GREAT ORGAN - Unenclosed 10

1	8	Principal.....	present Open Diapason pipes and action.....	73 pipes
2	8	Rohrflöte=:	new pipes; present Clarabella action.....	85 pipes
3	4	Octave.....	new pipes; present action.....	73 pipes
4	4	Rohrflöte.....	from #2	73 notes
5	2-2/3	Nazard.....	#1-49 present III Mixture 12th pipes, new top octave, present III 12th action.....	61 pipes
6	2	Super Octave.....	new pipes; present Fifteenth action.....	61 pipes
7	1-3/5	Tierce	#1-44 present 2 Fifteenth pipes #5-48, #45 up new pipes; present III 19th action.....	61 pipes
8	III-IV	Furniture... Tremolo	new pipes; present 8 Gemshorn action.....	220 pipes
9				
10		Chimes.....	present Deagan 1-1/4" tubes, new action, transformer and volume control, G to G, #20 to 44.....	25 tubes
	8'	<i>Trompette Harmonique</i>	61	

SWELL ORGAN - Enclosed 13

11	16	Bourdon.....	present pipes and action.....	85 pipes
12	8	Bourdon.....	from #11.....	73 notes
13	8	Gemshorn.....	#1-12 present Great Gemshorn pipes; #13 up new pipes; present Open Diapason action.....	73 pipes
14	8	Gemshorn Celeste TC....	present Great Gemshorn pipes; present Gamba Celeste TC action.....	61 pipes
15	4	Principal.....	new pipes; present Gamba action.....	73 pipes
16	4	Spitzflöte.....	new pipes; present Harmonic Flute action.....	73 pipes
17	2	Blockflöte.....	new pipes; present Vox Humana action.....	61 pipes
18	IV-V	Plein Jeu	misc. present pipes; present II Mixture action.....	281 244 pipes
19	8	Trompette.....	present Trumpet pipes and action.....	85 pipes
20	8	Hautbois.....	present Oboe pipes and action.....	73 pipes
21	4	Clairon.....	from #19.....	73 notes
22		Tremolo		

CHOIR ORGAN-Enclosed

23	8	Holzgedeckt.....new pipes; present Flauto Traverso action.....	85 pipes
24	8	Flauto Dolce...#1-12 present Viola pipes, #13 up new pipes; present Viola action.....	73 pipes
25	8	Flute Celeste TC...new pipes; present Unda Maris TC action.....	61 pipes
26	4	Principal.....new pipes, present 8 Dulciana action.....	85 pipes
27	4	Gedeckt.....from #23.....	73 notes
28	2	Octave.....from #26.....	73 notes
29	1-1/3	Quint.....from #26.....	61 notes
30	1	Zimbel.....from #26.....	61 notes
31	8	Clarinet.....present pipes and action.....	73 pipes
32		Tremolo	
30a	8	<i>Trompette Harmonique</i> -- new pipes and action (expressed), <i>draw knob with Great, not affected by couplers</i>	
		* <u>PEDAL ORGAN</u> 3	
33	32	Quinted Bass.....#1-12 as 10-2/3, from #35.....	32 notes
34	16	Contrebasse.....#1-12 present Pedal Open Diapason, #13 up present Swell Open Diapason; #1-56 present Open Diapason action, #57 up new action.....	80 pipes
35	16	Subbass.....present Bourdon pipes and action.....	32 pipes
36	16	Bourdon.....from #11.....	32 notes
37	8	Principal.....from #34.....	32 notes
38	8	Flute.....from #11.....	32 notes
39	4	Octave.....from #34.....	32 notes
40	III	Mixture.....from #34.....	32 notes
41	16	Posaune....#1-32 present Trombone pipes and action, #33 up new pipes and action.....	56 pipes
42	8	<i>Trompette Harmonique</i> -- <i>from 30a</i> -- -- -- --	32 notes
42	4	Klarine.....from #41.....	32 notes

* Pedal Organ playable thru present relays, present and new switches.

COUPLERS

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

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5	Affecting Great
Pistons No. 1-2-3-4-5	Affecting Swell
Pistons No. 1-2-3-4-5	Affecting Choir
Toe Studs No. 1-2-3-4-5	Affecting Pedal (duplicated by manual pistons)
Pistons No. 1-2-3-4-5	Affecting Full Organ (duplicated by manual pistons)
General Cancel	

REVERSIBLES

Great to Pedal - manual piston and toe stud
Swell to Pedal - manual piston and toe stud
Choir to Pedal - manual piston and toe stud
Sforzando - manual piston and toe stud with indicator light
32 Quinted Bass - manual piston and toe stud (Present All Swells)

PEDAL MOVEMENTS

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

ACCESSORIES

Concave, radiating pedal clavier
Organ bench with music shelf
Music rack with light
New pedal light
Present motor and blower
Present DC organ power unit