

M. P. MÖLLER Organ Factory

3/30

Revised 2/26/ 1979
July 6, 1978

Pipe Organ No. R-993 Date
For ST. PAUL'S UNITED METHODIST CHURCH, STATE COLLEGE, PENNSYLVANIA
Action Electro-Pneumatic Console Present - Detached
Casing No. Present - no change Finish No change
Decorations None Motor Present 5 HP, Style 3 JYM
Width of Key-bed Standard Stop Controls Stop Keys
No. Manuals THREE AND PEDAL Wind Pressure *St. 3", Low 4 Ch. 7", Ped 3" 4"*
To be Completed September 1, 1979 Blower Pipe furnished by Purchaser

SPECIFICATIONS

FOR

REBUILDING, CHANGING TONALLY, AND ADDING TO
PRESENT MÖLLER ORGAN OPUS 6125 - 1933 32459

CONSOLE

Reuse present console, rebuilding same as follows:

- Replace all stop keys and contacts.
- Replace all combination piston buttons and springs.
- Recover all stop and coupler pneumatics.
- Recover combination pneumatics.
- Recover all primaries and install new magnet armatures.
- Replace reversibles.
- Replace crescendo and expression pedal pads and edging.
- Replace burrs and felt washers on manual keys.
- Refelt pedal keyboard and install new insulating bushings.
- Refelt action as required.
- Install new knee board with toe stud terraces.
- Install new music rack light and pedal light.
- Recover reservoir.
- Recover roll top.
- Clean and polish console cabinet, bench and pedal keyboard.

MANUAL CHESTS

- Recover 1494 manual pipe pouches.
- Replace 1807 stop action checks and eyelets.
- Replace 291 duplex shifters.
- Recover three 73 note primary stations and install new magnet armatures.
- Recover 28 stop action primaries and install new magnet armatures.
- Rework and/or provide new toeboard/rackboard assemblies as required for tonal changes.
- Recover pedal station and install new magnet armatures.

OFFSET & UNIT
ACTIONS

Recover the following actions and install new magnet armatures:

Great	8	Principal	12 notes
Great	8	Hohlflöte	8 notes
Swell	16	Bourdon	32 notes
Swell	4	Flute Traverso	73 notes
Swell	III	Scharf	61 notes
Swell	8	Vox Humaine	61 notes
Choir	8	Geigen	8 notes
Choir	8	Dolce	6 notes

Unify the following actions:

Great	8	Principal	#13-32
Pedal 16 & Great 8	Trompete		#1-61

Install new action as required for:

Pedal 16 & Great 8	Trompete	#62-73
Swell	4 Spitzprincipal	#1-73

CONTACT BOXES

Recover one 73 note contact box and install new silver wire contact blocks.
Install new single conductor contact boxes for Great and Choir offsets.

SWITCHES

Recover present switches and stop actions and install new armatures and install new magnet armatures.
Rework switch compasses as required for tonal changes and provide new switches as needed.

PEDAL ORGAN

Recover the following actions and install new magnet armatures:

16	Subbass	32 notes
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Install new action for 16 Principal - 12 notes

Install new ~~32 note relay with necessary~~ switches *and diodes as necessary.*

EXPRESSION

Recover two 10 note, one 7 note and one 5 note expression actions and install new magnet armatures.
Recover 32 shade and bumper pneumatics.
Replace 32 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
One 2'-6" x 4'-6" manual
One 2'-6" x 4'-0" manual
Two 1'-6" x 2'-0" offset/pedal
Two expression
One blower

TREMOLOS Install three 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 and DC organ power unit.

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

BLOWER Reuse present 5 HP, Style 3 JYM 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. Müller, Inc., at Hagerstown, Maryland.

All parts from present instrument not required to carry out this program become the property of M. P. Müller, Inc.

SPECIFICATIONS
FOR
CONSOLE AND ORGAN

MANUAL COMPASS CC to C4, 61 notes
PEDAL COMPASS CCC to G, 32 notes
WIND PRESSURE *St. 3", Sw. & Ch. 4", Ped. 3"x4"*
PITCH A-440 @ 70°F

GREAT ORGAN - Enclosed with Choir II

1	8	Principal.....new pipes; present Open Diapason action.....	61 pipes
2	8	Hohlflöte.....present Clarabella pipes and action.....	73 pipes
3	8	Gemshorn.....present pipes; present 4 Octave action.....	73 pipes
4	4	Octave.....new pipes; present 8 Violoncello action.....	73 pipes
5	4	Flute Harmonic....present pipes and action.....	73 pipes
6	2	Super Octave.....new pipes; present action.....	61 pipes
7	II-IV	Mixture.....new pipes; present II Mixture action.....	208 pipes
8	8	Trompete.....new pipes; #1-49 present 8 Tromba action #13-61 unified, #50-61 new action.....	61 pipes
9		Chimespresent Deagan 'D' tubes and action reused without change	21 tubes
10		Tremolo	

SWELL ORGAN - Enclosed 12

11	16	Bourdon.....present pipes and action.....73 pipes
12	8	Gedackt.....present Stopped Diapason pipes and action.....73 pipes
13	8	Salicional.....present pipes and action.....73 pipes
14	8	Voix Celeste TC... present pipes and action.....61 pipes
15	4	Spitzprincipal.....new pipes and action73 pipes
16	4	Flute Traverso.....present Orchestral Flute pipes and action.....73 pipes
17	2	Spitzoctave.....from #15.....61 notes
18	1-1/3	Quintflöte.....from #16.....61 notes
19	III	Scharf.....new pipes; present 8 Open Diapason action.....183 pipes
20	16	Hautbois TC...present Oboe pipes (reracked) & action.....61 pipes
21	8	Trompettenew pipes; present Trumpet action.....73 pipes
22	8	Voix Humaine.....present pipes & action (eliminate SSB).....73 61 pipes
23	4	Clarion.....from #21.....61 notes
24		Tremolo

CHOIR ORGAN - Enclosed 6

25	8	Geigen.....present Geig. Prin. pipes and action.....73 pipes
26	8	Rohrflöte.....new pipes; present Concert Flute action.....85 pipes
27	8	Dolcepresent Dulciana pipes; present Gemshorn action.....73 pipes
28	8	Dolce Celeste TC...present Unda Maris TC pipes and action61 pipes
29	4	Rohrflötefrom #2673 notes
30	2	Waldflöte.....new pipes, present 8 Dulciana action.....73 pipes
31	1	Sifflötefrom #30.....61 notes
32	8	Cromorne.....present Clarinet pipes and action.....73 pipes
33		Harp TCpresent bars and action reused without change.....49 bars
34		Tremolo
35		Blank
36		Blank

* PEDAL ORGAN 1

37	16	Principal.....12 new pipes and action, 20 from #1.....32 notes
38	16	Subbasspresent Bourdon pipes and action.....32 pipes
39	16	Bourdonfrom #1132 notes
40	8	Octavefrom #1.....32 notes
41	4	Flutefrom #16.....32 notes
42	16	Kontra Trompete...12 new pipes; present Gr. 8 Tromba action #1-12, 20 from #832 notes

* Pedal Organ playable thru new ~~relay and~~ switches *and diodes*.

COUPLERS

43	Great to Pedal	56	Great 16
44	Swell to Pedal	57	Great Unison Off
45	Swell to Pedal 4 **	58	Great 4
46	Choir to Pedal	59	Swell 16
47	Swell to Great 16	60	Swell Unison Off
48	Swell to Great	61	Swell 4
49	Swell to Great 4	62	Choir 16
50	Choir to Great 16	63	Choir Unison Off **
51	Choir to Great	64	Choir 4
52	Choir to Great 4		
53	Swell to Choir 16		
54	Swell to Choir 8		
55	Swell to Choir 4		

** Controlled by jamb switch

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
Pistons No. 1-2-3	Affecting Pedal (duplicated by toe studs)
Pistons No. 1-2-3-4-5	Affecting Full Organ (duplicated by toe studs)

PEDAL MOVEMENTS

Great to Pedal reversible		
Sforzando reversible with indicator light		
Balanced Expression Pedal - Great-Choir Organ (contacts,	system)
Balanced Expression Pedal - Swell Organ (contacts,	system)
Balanced Crescendo Pedal with 4 indicator lights		

ACCESSORIES

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

RVK/mr
 4/11/79