

Builders

of fine

Pipe Organs

for nearly

half a

Century

Leuter

THE REUTER ORGAN COMPANY . LAWRENCE, KANSAS



Reuter creative integrity...

Custom designing, precision engineering, uncompromising craftsmanship, these plus many more features make the new Reuter Organ a recognized leader among the really fine organs built today.

Were it possible for all who are interested in fine organ building to visit every organ builder's plant, a new appreciation of quality organ construction quickly would become apparent. Also, were it possible to visit outstanding installations of instruments of all sizes, the Reuter Organ consistently would be found.

To those engaged in selecting a new instrument, a certain pressure always is present making it difficult to judge without prejudice and to select knowingly. Since all cannot make the necessary tours to discover first hand the intricacies of organ making and installation practices, the purpose of this brochure is to give an "armchair guided tour" to various Reuter Organ installations and through the plant where the Reuter Organ is built.

You are encouraged to visit personally a new Reuter Organ to learn of the Reuter tradition for excellence, and to discover the musical elegance that can be yours. Immediately, an obviously satisfying quality of tone will impress you, which, despite changes that may occur in the popular conception of organ design, will be the pattern in fine organ building for future years.

You will know that your choice of a new Reuter Organ will place you too in that discriminating group who find in the Reuter a uniquely different fine organ with qualities which later will be reflected in the work of other fine builders.







< First Presbyterian Church

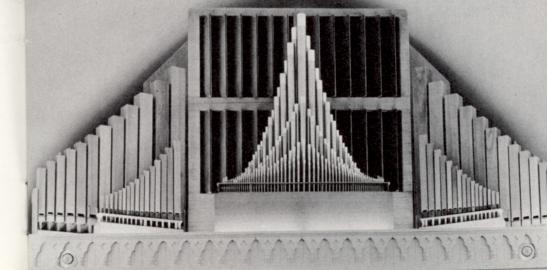
ROCHESTER, MINNESOTA

Pipework for the Great division of this three manual instrument is exposed, being placed on wind chests on either side of the chancel area. Chambers behind each of these sections house the Swell, Choir and Pedal divisions. Of distinctive Gothic Architecture this edifice is one of the outstanding Rochester churches.

Calvary Episcopal Church >

SEDALIA, MISSOURI

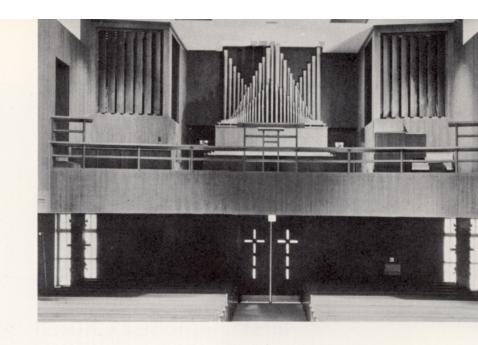
Located in the balcony of the church, the pipework is free standing, allowing the tone to egress into the sanctuary in a completely unhindered manner. An expressive Swell box, or enclosure, contains the pipework for the Swell division of this two manual instrument.





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St. Francis Major Seminary

MILWAUKEE, WISCONSIN

During their recent expansion and modernization program this century old seminary chose a new three manual Reuter Organ to fulfill the high standards of their music program. The instrument occupies an excellent rear balcony location where its free standing position allows the tone to be heard without obstruction.

< Trinity Lutheran Church

MISSION, KANSAS

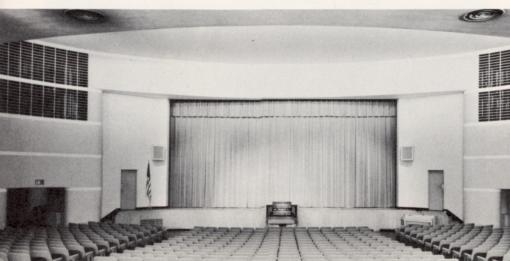
The pipework for this two manual instrument is situated behind the louvers which form the altar reredos.

Millersville State Teachers College

MILLERSVILLE, PENNSYLVANIA

Designed to meet teaching and recital requirements, this three manual Reuter Organ has attracted much attention as an outstanding instrument in this area. Pipework is located behind the very open grille work on either side of the auditorium, with the console placed on a movable platform.





First Methodist Church >

ATLANTA, GEORGIA

The four manual Reuter Organ located in this prominent Atlanta church, is one of the most notable in this area of the country.

St. Andrews Lutheran Church

CHICAGO, ILLINOIS

This instrument speaks effectively from its balcony location in the rear of the church. The two divisions are independently expressive, one located on each side of the balcony area.

University Lutheran Church

SEATTLE, WASHINGTON

The organ is installed behind the decorative grille to the rear of the altar. The open design of this grille not only allows free egress of tone into the church, but also adds to the visual beauty of this contemporary structure.

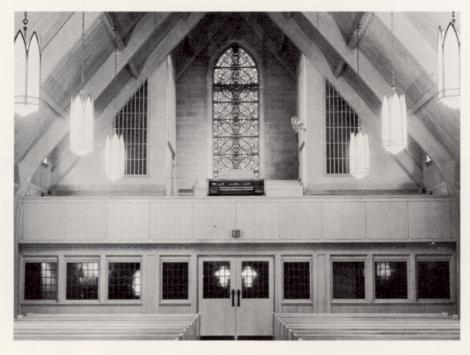








(St. Andrews)



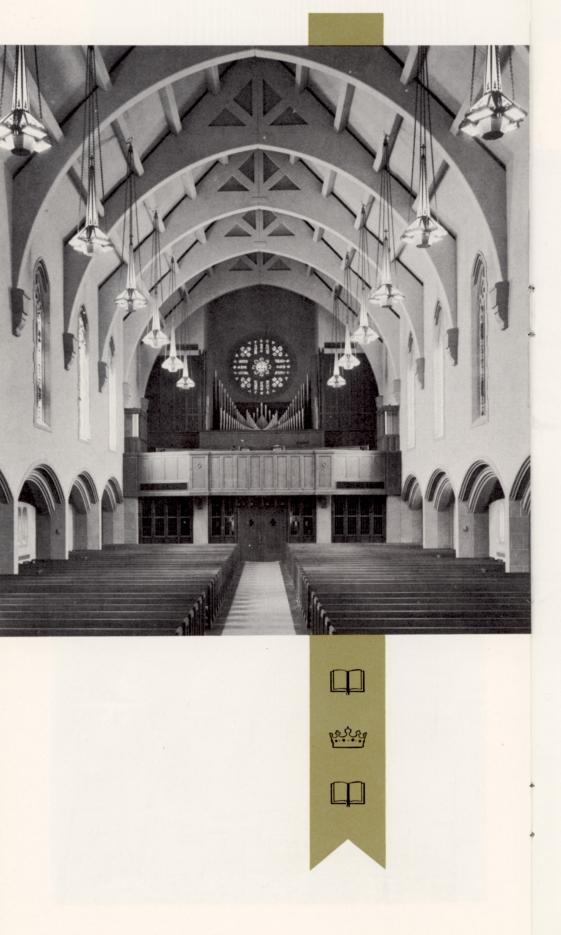
(University Lutheran)

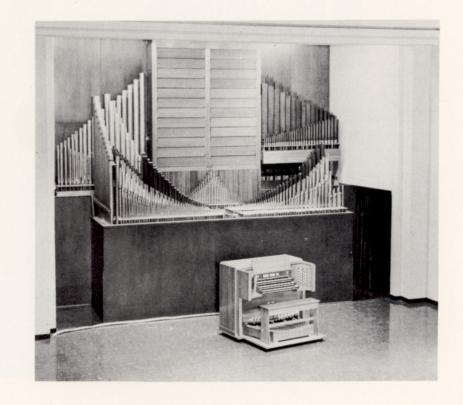


Kansas State Teachers College >

PITTSBURG, KANSAS

Built in a free standing manner and located on the stage of the Music Hall Auditorium, this instrument is virtually part of the room into which it speaks, allowing all the color and harmonic development inherent in the pipes to be heard clearly. This organ has been praised by many leading organists as one of the outstanding installations in the country today.





< Montview Presbyterian Church

DENVER, COLORADO

The large Reuter Organ installed in this prominent Denver church, is one of the most distinctive instruments in the entire Rocky Mountain Region. Although conceived and designed as one instrument, the pipework is divided between the gallery and chancel areas of the church. The gallery organ, as shown in the photograph, is controlled by a four manual console, from which the organist also can play the chancel division. A separate two manual console in the chancel controls the chancel organ only.

Indiana University

BLOOMINGTON, INDIANA

This three manual instrument of 24 ranks was specifically designed to meet the need for a studio teaching organ. The Great organ is unenclosed and free standing while the Swell and Choir divisions are separately expressive. The Pedal organ contains both exposed and enclosed stops. Located on a movable platform, the console may be moved to any desired position.

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St. Martin's Episcopal Church

PROVIDENCE, RHODE ISLAND

Located in the front of the two arches, the exposed Great division of this three manual organ holds an advantageous position for the support of congregational singing and full choral accompaniment. Directly behind is situated the unenclosed Pedal pipework and to the rear of this, the expressive Swell, Choir and enclosed Pedal.







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First Presbyterian Church

STILLWATER, OKLAHOMA

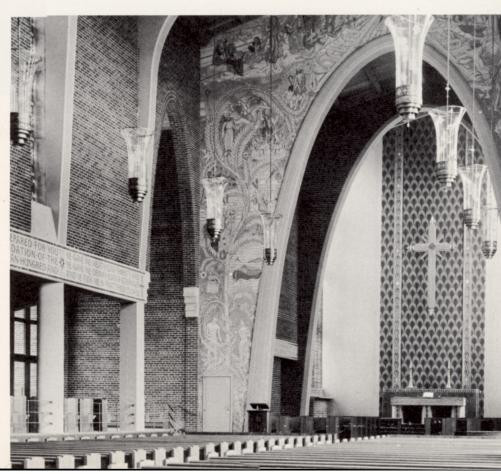
Actually built in a free standing manner this organ is located in a transept arch of the church. The Great division and Pedal Reed are exposed with the Swell pipework being housed within an expression enclosure.

Wittenberg College

SPRINGFIELD, OHIO

"Contemporary American" is the term which perhaps best describes both this large three manual organ and the chapel in which it is located. Both represent a blending of the best from past and present, and while functional in every sense of the word, incorporate all the beauty of the traditional style. Pipework of the organ is situated behind the altar dossal curtain.

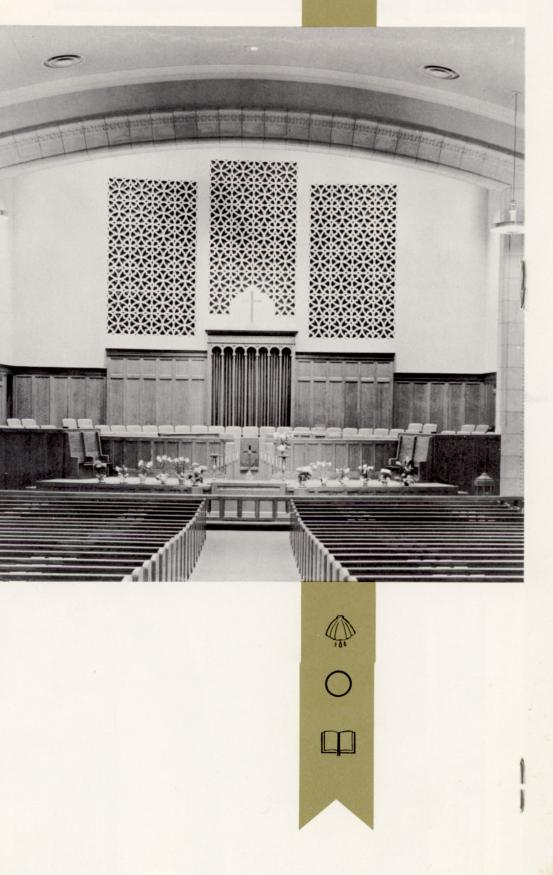




Park Cities Baptist Church >

DALLAS, TEXAS

Pipework of the Great division and portions of the Pedal organ are exposed and located on opposite sides of the chancel area. Behind are situated the expressive Swell, Choir and Solo organs, as well as the enclosed Pedal pipework. Full frontal openings allow free and unhindered egress of the tone into the church when the shutters are in the open position. This installation is recognized as one of the most prominent organs in this region.





< First Methodist Church

COLORADO SPRINGS, COLORADO

This large three manual, 68 rank organ is installed behind the decorative grilles above the reredos. The comprehensive resources of this Reuter Organ meet in every way the musical requirements of this leading church.

Texas Christian University

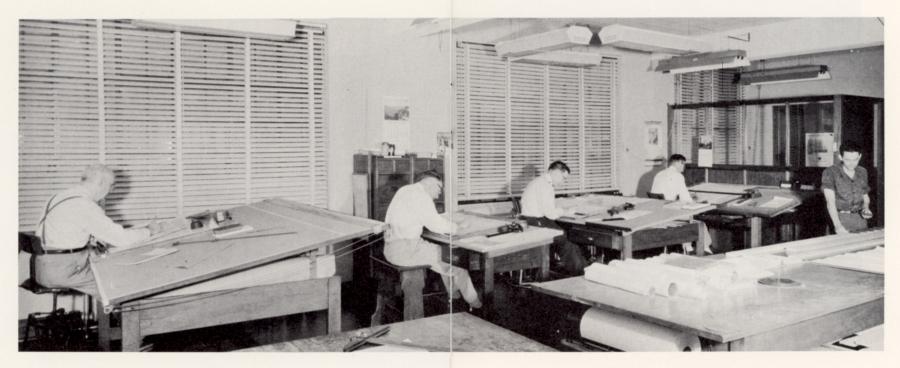
ROBERT CARR CHAPEL

FORT WORTH, TEXAS

Although containing only 14 ranks of pipes, this organ has gained a reputation for excellence, both tonally and from a standpoint of flexibility. It offers proof that an instrument of moderate size when designed, constructed and installed properly in a favorable acoustical environment can prove extremely effective in fulfilling service playing and recital needs.







A view of the architectural and engineering department.

The architectural and engineering staff is essential to the success of any organ, for the actual creation of an instrument begins on the drawing board. Reuter employs expert designers who, after considering the needs of each installation, plan accordingly to achieve the desired results. The design of consoles, cabinet work, grilles, hand carvings and other appointments also is the responsibility of this department. Because accurate custom building requires the utmost in precision, Reuter manufactures virtually every component part used throughout the entire organ. Such precision construction carried out under expert control is a vital factor in the mechanical and tonal excellence of every Reuter Pipe Organ.



Planning an organ on the drawing board.



layout AND design

A section of the casework department.



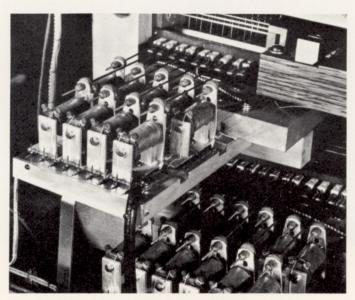


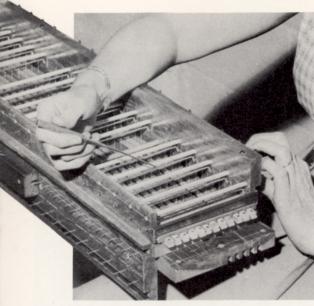
Key action mechanism.



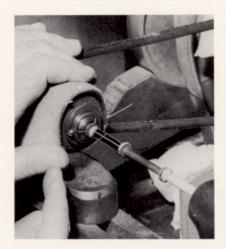
A section of the console department.

 $Electro-magnetic\ coupler\ switch\ controls.$





Adjusting the contacts in a key action switch.

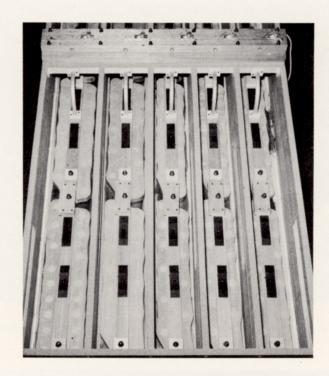


Winding a magnet.

Reuter Consoles . .

EFFICIENT MODERN RELIABLE

Convenience . . . ease of control . . . simplicity of operation . . . lifetime reliability. . . . These are features which make the Reuter Console an example of fine engineering and construction. The key action yields a uniformity of touch whether one or the entire series of couplers is brought into action, and tracker type touch is available at no additional cost if the purchaser desires this feature. Self cleaning contacts are of sterling silver .925 fine to give a lifetime of trouble free service. Combination pistons, positive and quiet in operation, are instantly adjustable at the keyboard.



The interior of a section of a Reuter wind chest as viewed from the bottom side.



Simplicity and highly efficient operation are outstanding features of the Reuter, electro-pneumatic, pitman type wind chests. The individual diaphragm valves, made of the finest imported bark-tanned lambskin, are located directly under the pipes in the top of the chest, a position which contributes much to the quickness and clarity of speech of the pipes. Valveboards are mounted in sections which are easily removable from below, should adjustment become necessary on rare occasions. Proper steadiness of wind supply to the pipes is always assured by the large wind capacity of the chests, ample wind conductors, oversize reservoirs and concussion bellows.

A section of the wind chest department.





A section of the wood pipe shop.

Excellent tone is impossible without properly constructed pipes, and for this reason every pipe incorporated in Reuter Organs is made and voiced in the Reuter factory. In the making of wood pipes only the choicest mahogany is used, supplemented by other hardwoods for construction of the voicing blocks and caps. All wood pipes are glued with a waterproof glue. Inner surfaces are also given a careful sizing of this special glue to insure full protection against all climatic and atmospheric extremes. Metal pipes are made from special alloys of

pipes
are made
and voiced
at the
REUTER
FACTORY

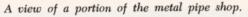


Pouring of the molten tin and lead which will be formed into a sheet of pipe metal.

pure block tin and pure refined lead, or from heavy annealed zinc for necessary strength in the pipes of larger sizes.

The actual alloying and casting of the pipe metal is done in the Reuter factory to insure the exact composition of metals required for specific tonal results. Fabricating of the materials into finished pipes is done by men with many years of pipe making experience who excel in this important phase of the organ builder's art.









Soldering the seam of a reed pipe resonator.



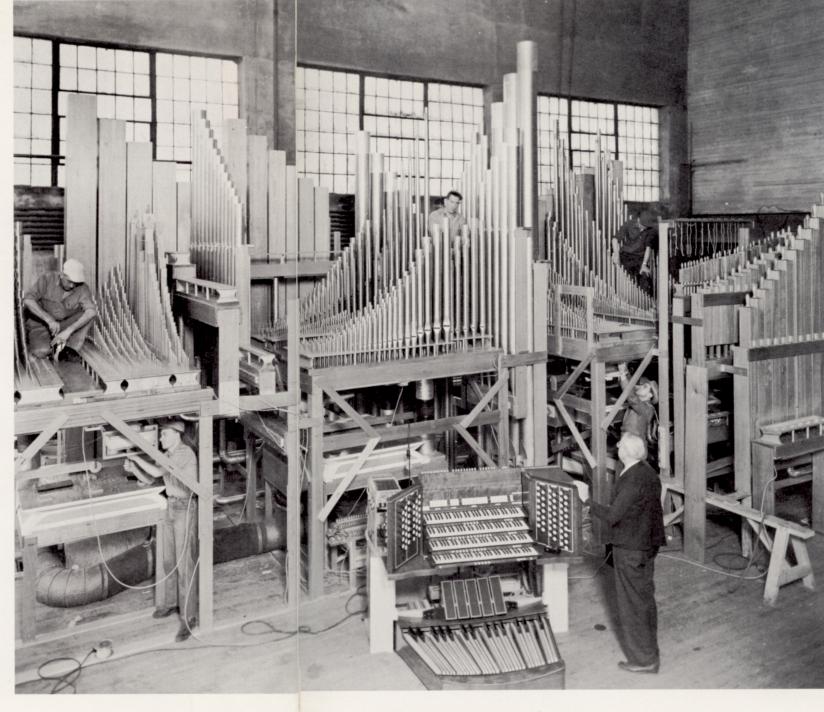
Soldering the foot and body sections of a metal pipe.

voicing

Of the many factors which contribute to the musical success of any organ, none is more critical than the voicing process whereby the pipes are given their proper speech. Voicing requires not only an exact knowledge of the scientific principles of tone production, but also a keen ear for varying qualities of musical sound.

Marking the "cut-up" to be made on a set of metal pipes.





Putting the final curvature into a reed tongue. This is one of the many operations requiring meticulous care.



VOICING continued



Voicing a set of reed pipes.

A view of the erecting room. The instrument shown is being assembled for final testing before shipment to the site of installation.

To insure that each organ meets in every respect the high Reuter standards, every instrument is completely assembled and tested at the factory before shipment. Installation of the organ at the site of final location is then made by factory technicians or qualified area representatives — men who are specialists in this very important phase of the work.

testing

AND

installation

View of the Reuter truck-trailer and factory in Lawrence, Kansas.



shipment

Care in the shipment of an organ is a vital matter. For this reason Reuter operates its own modern truck-trailer. Proper loading and care in transit insure that each organ will arrive in perfect condition at the place of final installation.

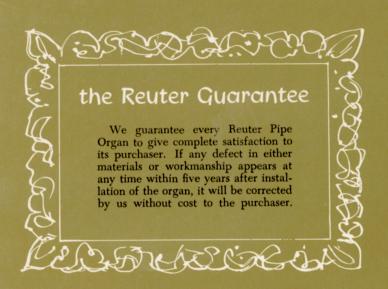


Each Reuter Organ

regardless of size, is an original creation designed and built especially to fulfill a particular individual need. Meticulous care and workmanship plus the finest materials are combined to give you, both tonally and mechanically, an instrument of unsurpassed quality. Methods of mass production would slightly decrease the cost but only at an unthinkable sacrifice in artistry. A good tonal plan as envisioned in the stop list is important. However, the vital factor is the interpretation of the sound that the builder will attach to those names, taking into consideration such items as acoustics, location, and the use of each instrument. In an organ one is buying first and foremost the skill and artistry of the workmen involved - and all else, while important, must be subordinated to the realization of that fact.

The purchase of an organ is a matter requiring careful consideration, for in all probability it is to be a lifetime investment. The saving of a few dollars at the sacrifice of quality is not worth even the slightest consideration. Tonal success or failure is evident only upon completion of the instrument and at that point the builder will have proved or disproved his ability.

Reuter possesses the facilities and personnel, ability and integrity, to fully satisfy your requirements and to build for you an organ capable of producing the result you desire.





THE REUTER ORGAN COMPANY . LAWRENCE, KANSA