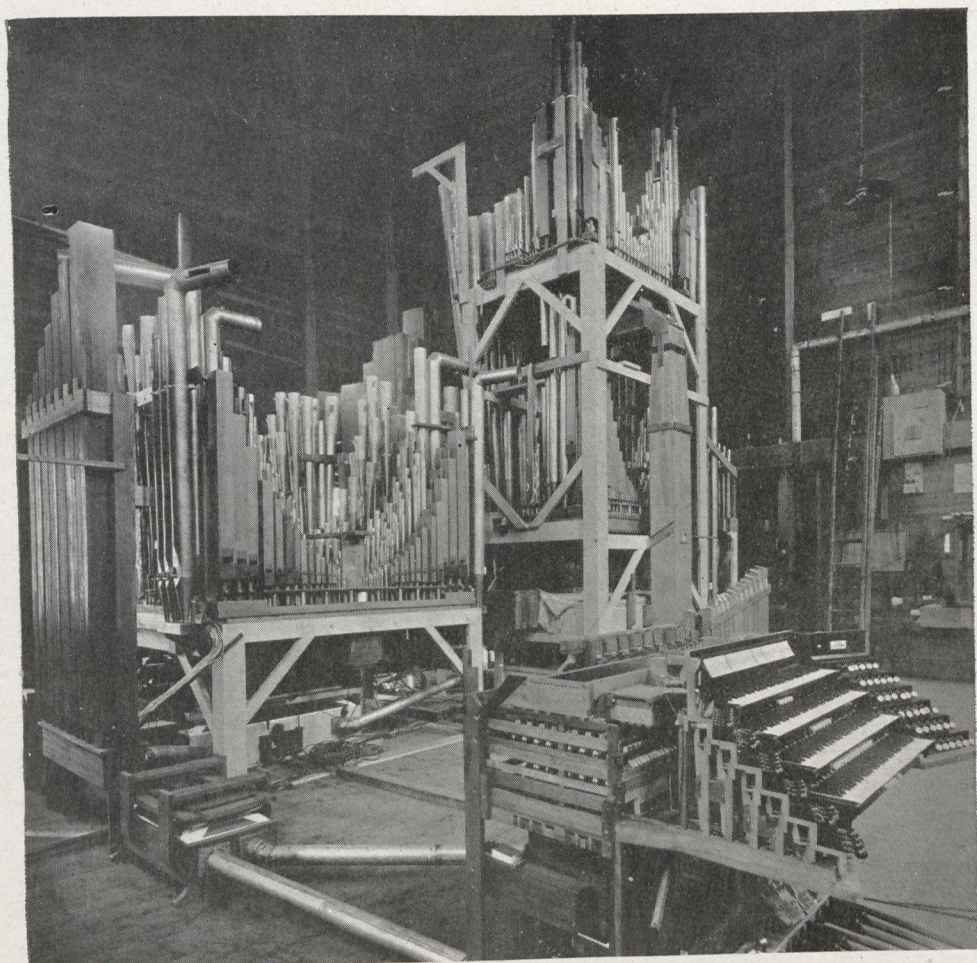




What a pipe organ looks like before the casing goes on. Our picture shows the interior of a four manual organ showing arrangement of pipes. The organ is completely erected in the factory, tested, and then all taken down and crated for shipment.

organ, every pipe in which is connected either electrically or pneumatically with the manuals. The console is a highly complicated piece of mechanism, too intricate in fact to receive a detailed description in an article of this kind.

By the manipulation of any stop or combination of stops on the console desired, wind is automatically admitted to the wind chest which supports the particular set or sets of pipes. However this is only a preliminary action as no wind is admitted to the individual pipes until a key on the manual is depressed. The same is true of the pedal keyboard or manual. Figure 1 is an excellent

photograph of one of the most modern consoles in existence.

The Interior.

1. *Frame.*—The entire organ is built up in heavy frames which support the main organ and act as rests for the big pipes, chests and swell-boxes.

2. *Chests.*—The Chests are made of wood and are long boxlike things whose chief functions are to support the pipes and distribute wind to the pipes.

3. *Pipes.*—A modern organ contains several thousand pipes, most of which are made of wood, which range in size all the way from a tiny pipe a few inches high to