

DESIGN

The need for a machine that will perform most of the jobs encountered in tool and cutter grinding has been met by the design of this Grinder. Into it has been built the greatest flexibility for this type of work, plus the ease of operation necessary for precision control of all adjustments from the operator's natural stand. The fine workmanship that goes into the construction of the machine, the correct distribution of weight in the moving parts, the hardened bearing surfaces, and ample lubrication facilities assure long life and accurate alignment of all parts of the unit.

The standard equipment supplied with the Tool and Cutter Grinder is sufficient for many routine shop operations. In addition, however, there is available special equipment with which the machine will not only perform many specialized jobs but can also be set up for a variety of production work. This special equipment includes attachments with which the machine can be converted into a small Universal Cylindrical Grinder that will handle a wide range of small work.

These attachments have been especially designed to speed up operations by requiring a minimum of time for set-up changes. Their flexibility is so great that, in addition to the many possibilities illustrated in the pages of this manual, the operator will find a large number of applications that will enable him to do better work in less time than with less flexible machinery.

Attention should be particularly directed to pages 54-63, where some of the many possible set-ups of the machine with standard and special equipment are shown and named. From these photographs the operator will gain a broad idea of the varied possibilities of the machine, and will be better able to adapt the device and its attachments to his own particular uses.