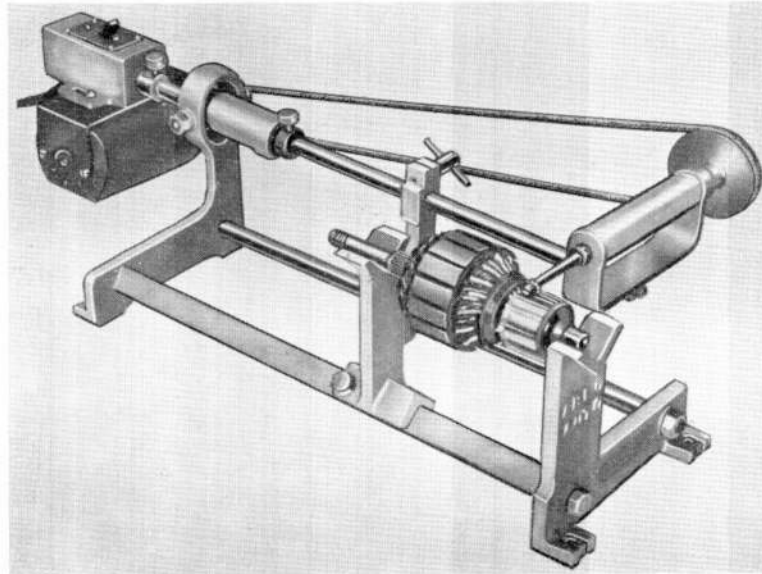


COMMUTATOR MICA UNDER-CUTTING MACHINE



Ref. No. 3A/1017
Dimensions... 21 in. × 6½ in. × 8 in.
Associated publication A.P.4343S, Vol. 1, Sect. 13, Chap. 5

BRIEF DESCRIPTION

This machine is designed for the under-cutting of mica insulation between the segments of commutators of diameters up to a maximum of 5 inches. A 200/250V a.c./d.c. motor is used to drive a small circular cutting tool through a rope belt; three different sizes of cutting tool are available for use with the machine. The driving motor and its control switch are mounted at one end of a pivoted slide arm with the cutting tool at the other end. Two V-blocks, one being adjustable, are provided to hold the armature during the cutting operations. The depth of cut can be adjusted by varying the position of a forked guide arm on a guide rail; two adjustable collars are secured to the pivoted slide arm to limit its longitudinal travel.

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