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Instruction

Manual

A HANDBOOK FOR USE WITH

K. O. LEE

UNIVERSAL GRINDERS AND

TOOL AND CUTTER GRINDERS

Price \$6.00

K. O. LEE COMPANY, ABERDEEN, S. D. 57401

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Preface and Contents

I. SCOPE AND PURPOSE

This handbook provides information for operating and maintaining the following model series of K. O. Lee Universal Grinders and Tool and Cutter Grinders: B360, BA960, BA962, B2060, B2062, B6060, B6062 Universal Grinders; B300, BA900, B2000, Tool and Cutter Grinders.

Models are manufactured with various suffix letter combinations. Regardless of specific model number, in most instances all portions of this handbook will still be applicable. At the time of printing, the instructions that apply to K. O. Lee grinders were accurate, but due to engineering advances, it is possible the machine delivered to you may vary somewhat from the descriptions in this book. In the above listed models, suffixes "X" and "Y" define certain standard models less some standard equipment as defined in the catalogues and price sheets. "H" stands for hydraulically-powered-table-travel. "B" stands for anti-friction table travel or "ball-track" system which became available in 1977. Prior to that, the designation "BB" was used for models which had ball bearing mounted V and flat rollers as table saddle ways. "M" stands for metrically-calibrated-feed-handwheels.

MODEL AND SERIAL NUMBERS are located on a stamped name plate at the rear or side of the machine base on most models.

While it is the purpose of this manual to cover the most typical operations performed on universal tool and cutter grinders, and on K. O. Lee machines specifically, it makes no attempt to be exhaustive. It should be taken as a primer on the technology and art of tool room grinding, recognizing that there are often many different approaches to a particular grinding problem. Our goal is to engender familiarity and satisfaction with our machines and tools. To that end, we hope this work will be of value to the beginner as well as the experienced machinist.

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