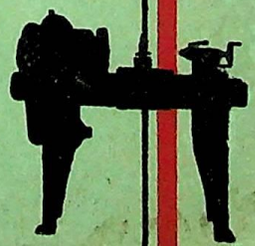
LE BLOND REGAL LATHES



The Lathe is the fundamental machine in all machine shop equipment. On it you can turn, bore, face, cut threads and drill; and with the use of attachments, mill and grind. In other words, a lathe is a machine shop in itself.

Many of the industrial fortunes of today had their beginnings on a lathe in the cellar, woodshed or stable. Parts of the first Ford automobile were made by Henry Ford himself in a small shed in Detroit. His first lathe is on exhibition in The Ford Museum at Dearborn. The first electric starter for an automobile came to life in a stable in Dayton. Many other valuable inventions were perfected in small shops and the parts were machined on a lathe.

If you have a son mechanically inclined buy him a lathe and let him give vent to his mechanical ideas — he may have the makings of another Edison, Marconi or Ford.

Many of these machines pay for themselves in a short time when used on service work, such as starter and battery repair service, mechanical refrigeration repair service; service on automobiles, radios, vacuum cleaners, bicycles, sewing machines, moving picture machines, printing presses — in fact, all mechanical and electrical apparatus. Many a mechanic started on his way to fortune and independence by the purchase of a lathe.

REGAL

BUILT BY LE BLOND

INSPECTION

The system of inspection in our shop comprises the inspection of individual parts, finished units and the complete machine.

Material entering into the construction of these lathes is bought on specification and a check analysis made from lots to see that it comes up to the material specified.

Detail inspection of parts between operations is going on all the time between the machining processes. Limit gauges are univerally used for this purpose insuring accurate dimensions where they are required.

The unit system of manufacturing is used in our shop, the various units such as headstocks, tailstocks, quick change boxes, carriages, etc., are run in large lots then assembled on beds to suit the different orders. The units are assembled, run off and inspected previous to being put in stock.

Special attention is given to the material and machining of gears. After machining and cutting of the teeth, they are burnished before hardening. A special sound proof room has been built to test the gears for noise after they are hardened and the holes ground.

The lead screw is one of the most important parts of the lathe and considerable care is taken in its manufacture. The screws are roughed on a thread milling machine and then finish chased in a special lathe equipped with a precision screw.

After the lathe is built up it is run off and again subjected to the most rigid inspection. These tests apply principally to the alignment of the lathe to see that it will turn diameters and bore holes both straight and round; face accurately and cut threads within the guaranteed limits allowed. The results are noted on our guarantee card which accompanies each machine, also on the back of our own shop order sheet which kept for future reference.

For the interest of the user we are illustrating on the preceding page some of the final inspection tests showing how these are made.

The same staff of inspectors, with all the various testing equipment used in the inspection of our high priced machines, look after the inspection of "REGAL" Lathes. On our "REGAL" Lathes as on our high-priced Heavy Duty Lathes, the same limits of accuracy, the same degree of finish and the same high grade of workmanship is demanded by these inspectors. The inspectors are in no way accountable to the production executives of the shop.

Produced by
The Cupifyer Corp
Detroit, Mich

Le BLOND

October, 1931

PRICE LIST

REGAL GEARED HEAD ENGINE LATHES

THE R. K. LeBLOND MACHINE TOOL COMPANY
CINCINNATI, OHIO
Telephone Jefferson 0910

These prices are Net F. O. B. Factory and must be strictly maintained.

Rated Size	Actual Swing Inches	Size Motor H. P.	Distance Between Centers Inches	PRICE 3 Phase 60 Cycle A. C. Motor	Single Phase 60 Cycle A. C. Motor	110 or 220 Volt D. C. Motor	Extra for Pan	Weight
Floor Type 10 in. Regular Quick Change	10¼	⅓	18	AARPW $398.00	AARPM $398.00	AARPW $398.00	AAPFM $20.00	600 lbs.
			24	AARQS 404.00	AARQI 404.00	AARGS 404.00	AAPGI 21.00	620 lbs.
			30	AARRY 410.00	AARHO 410.00	AARHY 410.00	AAPHO 22.00	640 lbs.
			36	AARRU 416.00	AARHK 416.00	AARHU 416.00	AAPHK 23.00	660 lbs.
			42	AARSQ 422.00	AARIG 422.00	AARIQ 422.00	AAPIG 24.00	680 lbs.

The "REGAL" Deferred Payment Plan

LeBlond "REGAL" Lathes may be purchased on a very liberal deferred payment plan so that it can be put to work and made to pay for itself. The plan is as follows:

The lathe will be shipped to you on a down payment with the order of twenty per cent of the selling price. The balance of the purchase price, plus a carrying charge of 5% on the balance, can be paid in twelve equal monthly payments.

As an example, you order a 10" "REGAL" Lathe with 18" center distance, complete with motor drive and a 3 phase, 60 cycle motor, which sells for $398.00, f. o. b. Cincinnati, Ohio. Send with your order the initial down payment of 20%, or 1-5 of the price, which amounts to $79.60, and the lathe will be shipped, and you can put it to work. The difference between $398.00 and $79.60 constitutes the balance, and equals $318.40. To this should be added a carrying charge amounting to $15.92 (5% of $318.40) on the balance—making a total amount to be paid of $334.32, and this amount is divided in 12 equal monthly payments amounting to $27.86 per month. Your payment can be made by check, bank draft or money order.

The deferred payment plan can be applied to all "REGAL" Lathes, lathe attachments, chucks and tools.

SPECIAL NOTICE

The manufacturer reserves the right to revise, change, or modify the construction of "REGAL" Lathes or any part thereof as he may see fit, without incurring any obligation to make like changes on lathes previously sold. Deferred payment plan to be used only in U. S. A.

The R. K. LeBlond Machine Tool Co.

Cincinnati, Ohio