

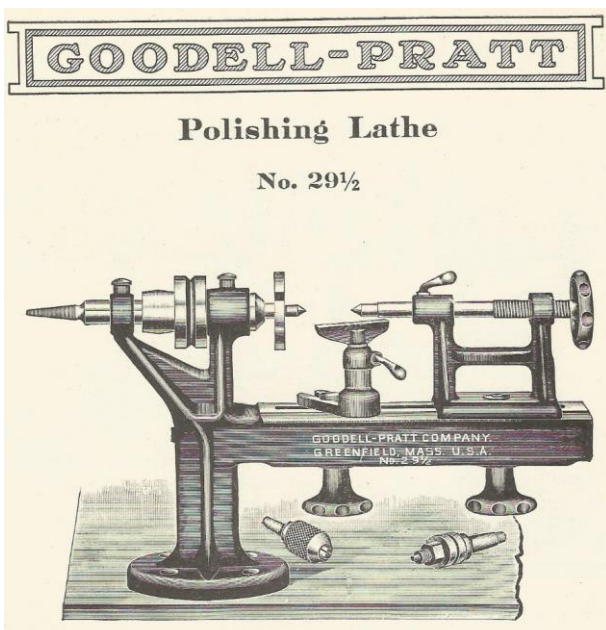
## MASSACHUSETTS TOOL Co.

The Massachusetts Tool Co. was created in 1900 by William M. Pratt, a third generation tool man, to support his foray into the precision tools business.

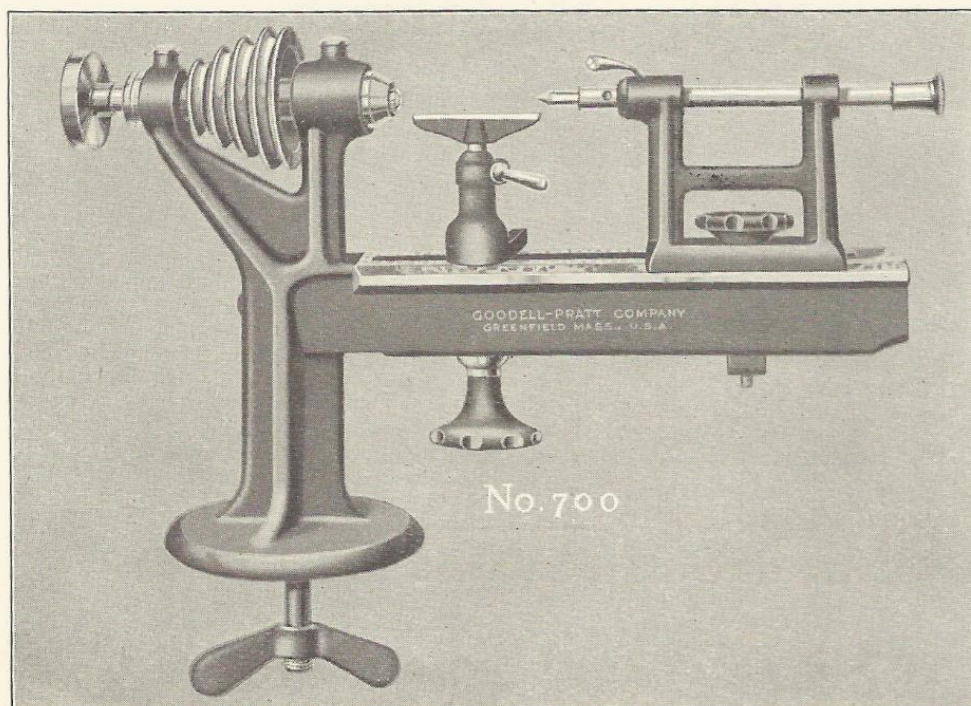
William Pratt had purchased into the Goodell Brothers Company in 1895 and on gaining a controlling interest in the business in 1899 renamed it the Goodell-Pratt Company. At the time that Pratt acquired his controlling interest in the business, the line-up included push, hand, bench and breast drills, spiral screwdrivers, a bit brace, polishing heads, hack saws and blades, glass cutters, and hollow-handled tool sets. Goodell-Pratt quickly underwent an aggressive program of expansion which in 1900 included the first of several major additions to its Greenfield factory. Located next door, on land leased from the Goodell-Pratt Company, a new building was erected to house the Massachusetts Tool Co. This new business, a wholly owned subsidiary of Goodell-Pratt, was organised for the purpose of manufacturing machinists' and precision tools.

The Massachusetts Tool Co. grew to field a line of products that included rules, micrometers, calipers, levels, gages, squares, and cutters some of which were added by means of business acquisitions which included the Lavigne Micrometer Company of New Haven, Connecticut. The date at which lathes were added to the company price list is not known but the earliest examples all bear the Massachusetts name on their major components and insignia on the lid of boxed sets. In 1911, content of the Massachusetts Tool Co. price list was merged into the catalogue of the Goodell-Pratt Company and lathes were re-branded accordingly.

Like the Massachusetts Tool Co. branded lathes, those appearing in the Goodell-Pratt catalogue were still of two distinct qualities – 'Polishing Lathe' and 'Precision Model Lathe'. Both classes of lathe were similar in appearance but the latter which was aimed at skilled mechanics, watchmakers and experimenters had a specification which included a hand scraped bed, perfect alignment, a four step pulley and a draw-in spindle to accept collets. The 1926 price of a No. 29 ½ Polishing Lathe was \$13.00 whilst the No. 700 Precision Model Lathe Assortment No.1 was an eye-watering \$72.00



# GOODELL-PRATT



PAGE

**370**

## Precision Model Lathe

**No. 700**

Skilled mechanics, watchmakers, and experimenters who desire a Lathe of moderate price that will handle small, delicate work will find that this machine fulfills their requirements. It is thoroughly practicable in every way, and capable of all classes of work within its capacity, yet all unnecessary expense has been eliminated in its construction.

It is thoroughly well made, and in perfect alignment. The Bed is carefully scraped by hand. All iron parts except the polished bearing surfaces are finished in black enamel; steel parts are polished.

The Lathe has a 12-inch Bed, an extreme distance between centers of  $3\frac{1}{2}$  inches, and swings 5 inches. It is furnished complete with a draw-in Spindle with a  $\frac{3}{16}$ -inch hole clear through. A Hand Rest and a Tail Stock are also provided. The Pulley has four steps for  $\frac{1}{4}$ -inch round belt.

Height above bench,  $8\frac{1}{4}$  inches. Net weight,  $9\frac{3}{4}$  pounds.

Price, each.....(ZANOD) \$44.00

Packed one in a pasteboard box,  $13\frac{3}{4} \times 8\frac{3}{4} \times 4\frac{1}{4}$  inches.

Weight,  $10\frac{1}{2}$  pounds.

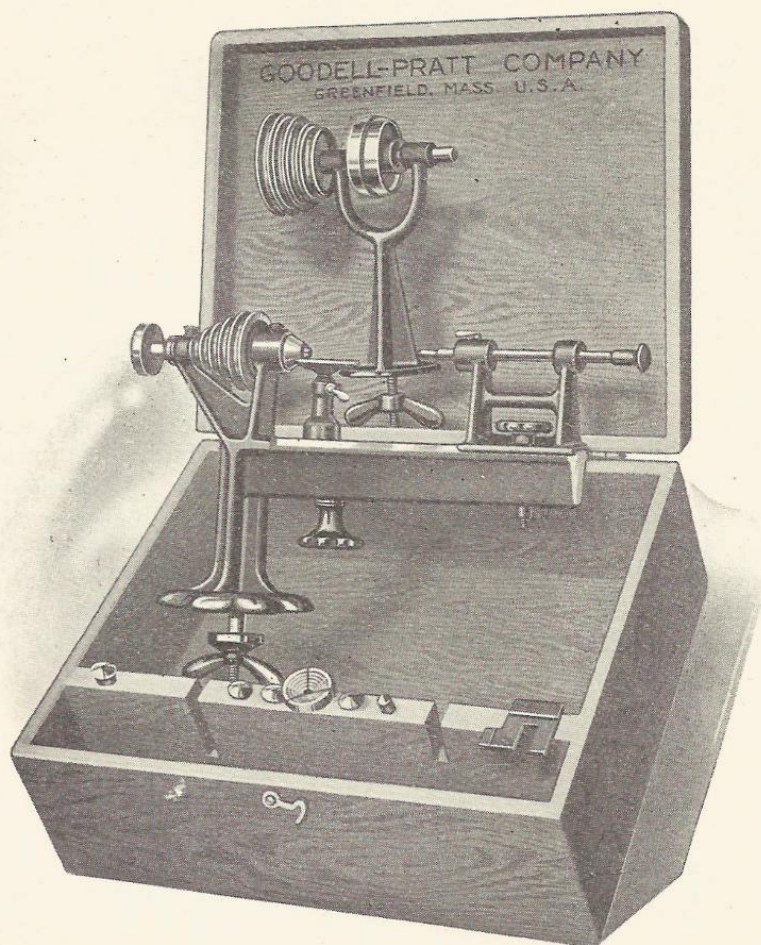
Attachments and accessories for use in connection with this Lathe are shown on pages 372 to 377. We can also recommend the No. 180 and No. 180 $\frac{1}{2}$  Scroll Chucks on page 123.



# GOODELL-PRATT

## Precision Model Lathe

### Assortment No. 1



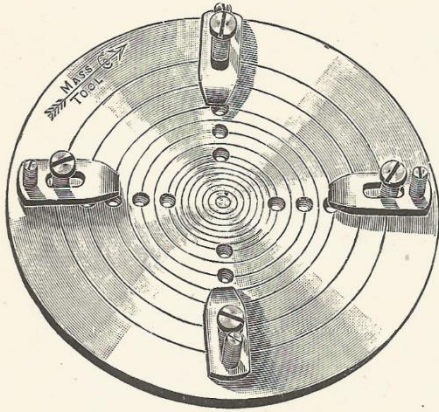
This Set consists of 1 No. 700 Precision Model Lathe; 1 Fig. Z Countershaft; 1 Fig. G Table Rest; 1 Fig. D Saw Arbor (without saw); 1 Fig. V Step Chuck; 4 Fig. A Round Wire Chucks to hold  $\frac{1}{16}$ ,  $\frac{1}{8}$ ,  $\frac{3}{16}$ , and  $\frac{1}{4}$  inch. The Lathe and Attachments are put up in a nicely finished hardwood case, as shown in the illustration.

Price, per set, complete in case. . . . . (WYBFO) \$72.00

Size,  $14\frac{1}{2}$  x  $11\frac{3}{4}$  x  $5\frac{1}{2}$  inches. Weight, 17 pounds.

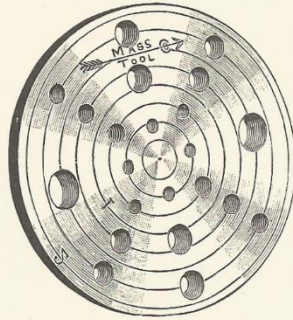
In addition to the basic items offered in the boxed set, a good selection of attachments and tooling was also available – although a well-equipped lathe is indeed a rare find. The No. 710 Compound Slide Rest and No. 715 Milling Attachment were particularly well made and very desirable.

### Clamp Face Plate



**Fig. U.** 4". Price, each. \$10.00

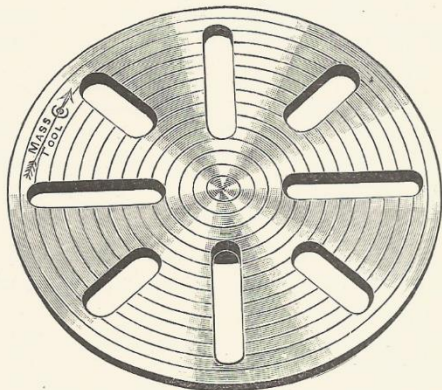
### Screw Face Plate



**Fig. L.** 2". Price, each. . \$7.00

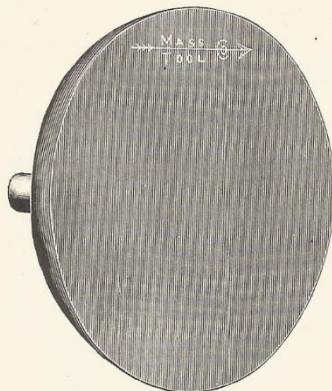
**Fig. S.** 4". Price, each. . 10.00

### Slotted Face Plate



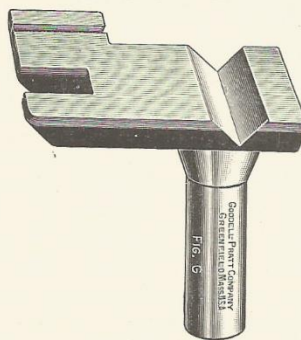
**Fig. T.** 4". Price, each. \$10.00

### Lead Lap



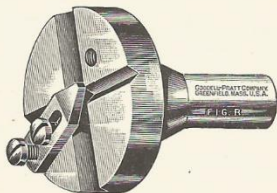
**Fig. M.** Price, each. . . . . \$3.50

### Table Rest



**Fig. G.** Price, each. . . . . \$4.50

### V-Slot Clamp Plate



**Fig. R.** 1 1/4". Price, each. \$4.00