





Screw Cutting Engine Lathe No. 32. 13 inch Swing

Plain Rest. Price with Five Foot Bed, Either Foot Power or Counter shaft \$140.00

South Bend, Indiana.

Screw Cutting Engine Lathe No. 32

13 inch Swing

The No. 32 Lathe is designed for doing a heavy class of work, such as comes to the ordinary job shop. It is strong, accurately built, and is without doubt the best lathe of its class on the market today. It is a Screw Cutting Lathe in the strictest sense, without any unnecessary attachments that go to make a lathe expensive. It will reduce a piece of 2" round machine steel to 1 3/8" diameter in one chip.

The lathe swings 13 1/4" over bed, 9" over the carriage, and has a 3/4" hole in spindle, No. 3 Morse taper. Tool post takes 1/2 x 1" tools. Bed has three standard V's and one flat way. (See cut page 15.) Bed is stiff and rigid, and is tied by several large cross braces, cast in. Head Stock is web pattern, has four step cone for 1 1/2" belt, which with back gears gives it eight changes of spindle speeds. It has forged steel spindle running in bronze boxes, which are carefully scraped and fitted. Spindle Nose 1 3/4". It has our improved reverse on end of head, within easy reach of the operator. Tail Stock is of the improved curved pattern, has set over for turning taper, self ejecting center, long bearing for spindle, and is extra heavy and rigid. Carriage has T slots for clamping work, and may be locked when using cross feed. It is gibbed both front and back, and has an especially heavy bridge or saddle. All racks and gears are carefully machined from the solid.

The lathe is indexed to cut threads from 4 to 40, right or left, including 1 1/2" Pipe Thread, and with change gears many other combinations may be secured. The Lead Screw is cut from a master, lead is 1" in diameter, and insures accuracy. All parts are protected from chips and dirt. Cross Feed Screw has Micrometer Adjustable Graduated Collar, reading in one thousands of an inch.

EQUIPMENT includes plain rest, large and small face plates, two steel centers, center rest, change gears for screw cutting, necessary wrenches, also either Foot Power or Countershaft.

No. of Lathe	Length of Bed	Distance Between Centers	Swing Over Bed	Swing Over Carriage	Hole in Spindle	Diameter of Spindle Nose	Net Weight	Approximate Shipping Weight	Countershaft Pulleys	Countershaft Speed
32	5'	33"	13 1/4"	9"	3/4"	1 3/4"	710	875	8 x 2 1/2	225
32	6'	45"	13 1/4"	9"	3/4"	1 3/4"	755	925	8 x 2 1/2	225
32	7'	57"	13 1/4"	9"	3/4"	1 3/4"	800	975	8 x 2 1/2	225
32	8'	69"	13 1/4"	9"	3/4"	1 3/4"	845	1025	8 x 2 1/2	225
32	10'	93"	13 1/4"	9"	3/4"	1 3/4"	1140	1260	8 x 2 1/2	225

Compound Rest graduated (See page 17). Price extra \$15.00. Raising Blocks, so lathe will turn and bore 18" swing, \$15.00. 10-foot bed on No. 32 lathe has three legs. Countershaft for No. 32 lathe, shown and described on page 16.