



South Bend, Indiana.

Screw Cutting Engine Lathe No. 26

10 inch Swing

The weight and dimensions of our 10" Lathe have made it a very popular tool for the small job shop, experimental room, etc. It is a strong and accurate tool, at the same time being very reasonable in price.

No. 26 Lathe swings 10 $\frac{1}{4}$ " over the bed, 7" over the carriage, has a 13/32" hole in spindle, Morse taper No. 1, tool post takes $\frac{1}{8}$ x $\frac{5}{8}$ " tool. Lathe can reduce a piece of 1" round machine steel to $\frac{3}{4}$ " in diameter in one chip.

The bed is strong and rigid. (See illustration page 15). It has three V's for aligning head stock, tail stock and carriage. Head Stock has forged steel spindle, running in phosphor bronze boxes, arranged for wear. Spindle Cone has three steps for 1" belt. Tail Stock is the improved pattern, curved under, so as to allow Compound Rest to swing around. Tail Stock has side movement for turning taper. Tail Center is self-ejecting. Carriage has long bearing on the ways, gibbed both back and front, and can be locked when using cross feed. Cross Feed Screw has Micrometer Graduated Collar, reading in one thousandths of an inch.

Lathe is indexed to cut standard threads from 4 to 40, including 1 $\frac{1}{2}$ " Pipe Thread, right or left, and will feed right or left. Diameter of Lead Screw $\frac{3}{8}$ ".

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

No. of Lathe	Length of bed	Distance between centers	Swing over bed	Swing over carriage	Hole in Spindle	Diam. of Spindle Nose	Net Weight	Shipping Weight	Countershaft Pulleys	Countershaft Speed
26	42"	24"	10 $\frac{1}{4}$ "	7"	$\frac{13}{32}$ "	1 $\frac{1}{8}$ "	370	440	7x2"	250
26	54"	35"	10 $\frac{1}{4}$ "	7"	$\frac{13}{32}$ "	1 $\frac{1}{8}$ "	400	485	7x2"	250

Compound Rest, graduated, (See cut page 17). Price Extra, \$11.00.

Raising Blocks, so lathe will turn and bore 13" Swing, \$12.00 Extra.

Countershaft used on No. 26 Lathe shown and described on page 16.

The Foot Power, illustrated on page 4, on the No. 26 Lathe, shows our improved Double Lever Foot Power. Having the walking beam principle, it is powerful in delivery and easy to operate. It develops greater power with less effort than the ordinary old style devices. The treadles are adjustable in any position along the lower shaft. The lower shaft is in two pieces, so that the operator may sit or stand as he desires. The center shaft, on which the Balance Wheel is located, receives the power at both ends. This insures an even, constant drive.

Our experience with this Foot Power has been so satisfactory that we use it on all sizes of South Bend Lathes where Foot Power is wanted, differing only in dimensions for the different size lathes. It runs the 13" Lathe with the same ease as the 9" Lathe, and is adaptable to the 8' bed as easily as the 3' bed. It is, without doubt, the most powerful and efficient Foot Power on the market today.

General Information on South Bend Lathes and Approximate Weights Boxed for Export

	Distance Between Centers	Swing Over Bed	Swing Over Carriage	Hole Through Spindle	Net Wt. of Lathe	Domestic Shipping Weight	Boxed for Export
No. 24 Lathe (42-in. bed) Bench.....	26"	9 $\frac{1}{4}$ "	6"	13/32"	250	310	370
No. 24 Lathe (42-in. bed)	26"	9 $\frac{1}{4}$ "	6"	13/32"	325	400	450
No. 26 Lathe (42-in. bed)	24"	10 $\frac{1}{4}$ "	7"	13/32"	370	440	500
No. 26 Lathe (54-in. bed)	36"	10 $\frac{1}{4}$ "	7"	13/32"	400	485	550
No. 28 Lathe (5-ft. bed)	36"	11 $\frac{1}{4}$ "	7 $\frac{5}{8}$ "	$\frac{5}{8}$ "	480	575	650
No. 28 Lathe (6-ft. bed)	48"	11 $\frac{1}{4}$ "	7 $\frac{5}{8}$ "	$\frac{5}{8}$ "	525	630	800
No. 30 Lathe (5-ft. bed)	38"	12 $\frac{1}{4}$ "	8 $\frac{1}{4}$ "	$\frac{5}{8}$ "	580	700	850
No. 30 Lathe (6-ft. bed)	50"	12 $\frac{1}{4}$ "	8 $\frac{1}{4}$ "	$\frac{5}{8}$ "	620	740	880
No. 30 Lathe (7-ft. bed)	62"	12 $\frac{1}{4}$ "	8 $\frac{1}{4}$ "	$\frac{5}{8}$ "	665	780	900
No. 30 Lathe (8-ft. bed)	74"	12 $\frac{1}{4}$ "	8 $\frac{1}{4}$ "	$\frac{5}{8}$ "	705	840	950
No. 32 Lathe (5-ft. bed)	33"	13 $\frac{1}{4}$ "	9"	$\frac{3}{4}$ "	710	875	950
No. 32 Lathe (6-ft. bed)	45"	13 $\frac{1}{4}$ "	9"	$\frac{3}{4}$ "	755	925	1000
No. 32 Lathe (7-ft. bed)	57"	13 $\frac{1}{4}$ "	9"	$\frac{3}{4}$ "	800	975	1060
No. 32 Lathe (8-ft. bed)	69"	13 $\frac{1}{4}$ "	9"	$\frac{3}{4}$ "	845	1025	1125
No. 32 Lathe (10-ft. bed)	93"	13 $\frac{1}{4}$ "	9"	$\frac{3}{4}$ "	1040	1260	1350
No. 34 Lathe (5-ft. bed)	33"	13 $\frac{1}{4}$ "	9"	$\frac{3}{4}$ "	725	880	975
No. 34 Lathe (6-ft. bed)	45"	13 $\frac{1}{4}$ "	9"	$\frac{3}{4}$ "	770	940	1025
No. 34 Lathe (7-ft. bed)	57"	13 $\frac{1}{4}$ "	9"	$\frac{3}{4}$ "	815	980	1090
No. 34 Lathe (8-ft. bed)	69"	13 $\frac{1}{4}$ "	9"	$\frac{3}{4}$ "	860	1040	1150
No. 34 Lathe (10-ft. bed)	93"	13 $\frac{1}{4}$ "	9"	$\frac{3}{4}$ "	1170	1280	1480