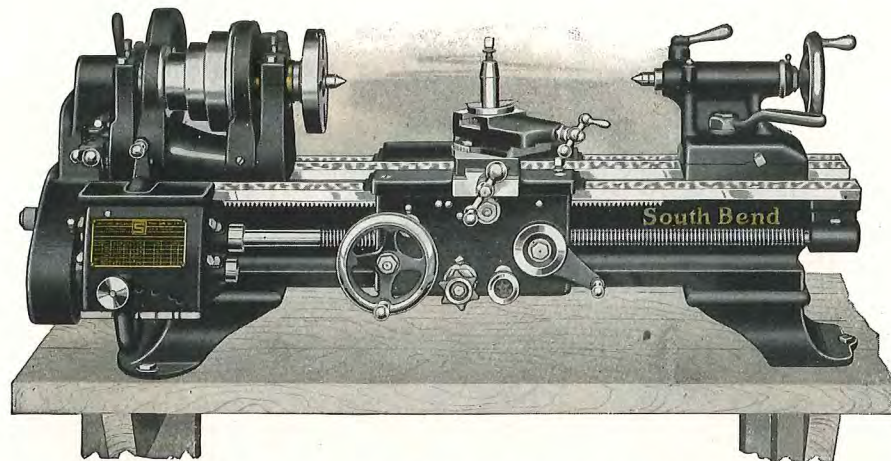




9-inch New Model South Bend Bench Lathes

Quick Change and Standard, Back Geared Screw Cutting Lathes—Countershaft Drive

The 9-inch New Model South Bend Bench Lathe shown above is an excellent tool for light work in the manufacturing plant and for the large scale production of small metal parts. It has precision and accuracy for fine tool work. Bench lathes of this type are often arranged in groups and handled by a single operator.

For Specifications and description of the 9-inch Bench Lathe, Quick Change Gear or Standard Change Gear types, refer to the 9-inch lathe with floor legs illustrated on pages 10 and 11 of this catalog. The only difference is that Bench Legs are substituted for Floor Legs.

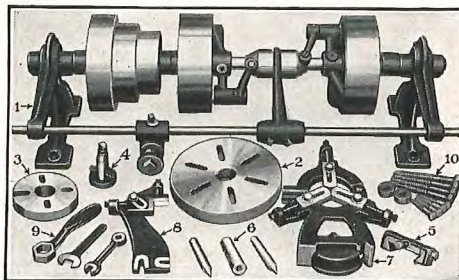
The Headstock is back geared, reinforced and webbed, insuring strength and rigidity. Six spindle speeds are provided, three direct and three back geared. See page 6.

The New Apron has automatic cross and longitudinal turning feeds, and half nuts for thread cutting. An automatic safety interlock prevents the half nuts and automatic feeds from being engaged at the same time. See page 7.

The Gear Box on Quick Change Gear Lathes provides 48 changes for cutting screw threads, right or left, from 2 to 112 per inch. See page 5.

The Independent Change Gears supplied with Standard Change Gear Lathes permit cutting standard screw threads, right or left, from 4 to 40 per inch, including 1 1/2 pipe thread. See page 53.

The Hard Maple Bench is not included in the price of the Bench Lathe but can be furnished at extra cost. For prices and description of Bench see page 70.



Equipment illustrated above is included in the price of the Lathe

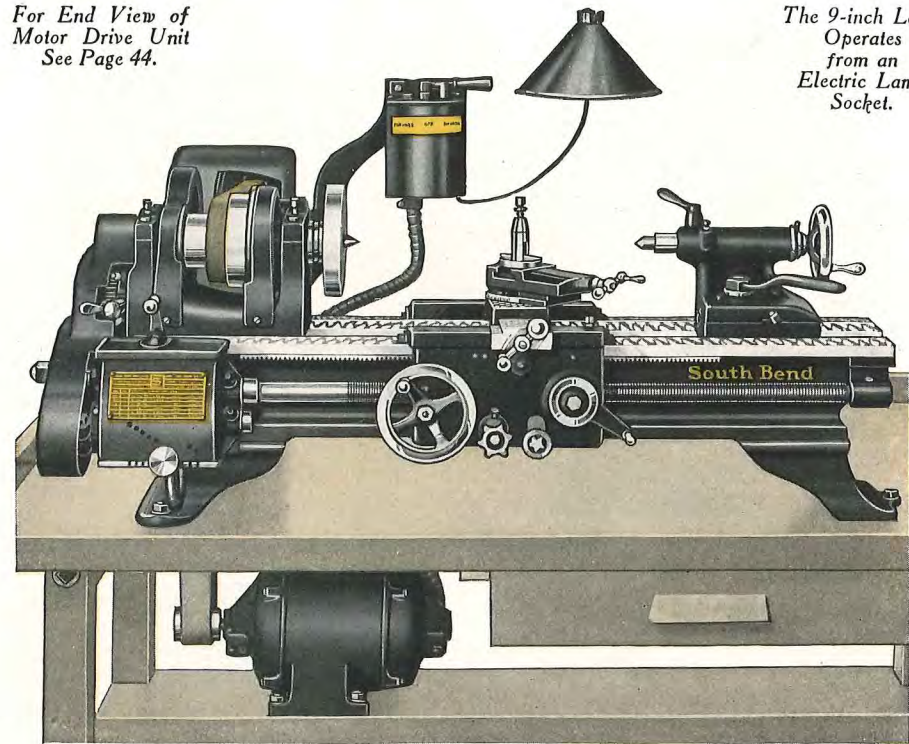
The Regular Equipment included with each 9-inch Bench Lathe consists of: Double Friction Countershaft, Large and Small Face Plates, Tool Post Complete, Adjustable Thread Cutting Stop, two Lathe Centers and Spindle Sleeve, Center Rest, Follower Rest, Wrenches, a set of Independent Change Gears with Standard Change Gear Lathe, also Installation Plans and book "How to Run a Lathe." See pages 52 and 53.

Attachments. 9-inch Bench Lathes may be fitted with all the Attachments, Tools and Accessories that can be used on Floor Leg Lathes such as Draw-in Collet Chuck, Spring Collets, Taper Attachment, Milling and Keyway Cutting Attachment, Chucks, Turning and Boring Tools, etc.

Net Factory Prices of 9-inch Bench Lathes Including Overhead Countershaft and Equipment

No. of Lathe	Swing Over Bed	Length of Bed	Between Centers	Hole Thru Spindle	Swing Over Carriage	Power Required	Weight Crated	Code Word	Price F.O.B. South Bend
9-inch Quick Change Gear Bench Lathes									
82-XB	9 1/4 in.	2 1/2 ft.	11 in.	3/4 in.	6 3/4 in.	1/4 H.P.	405 lbs.	Bamuz	\$278.00
82-YB	9 1/4 in.	3 ft.	18 in.	3/4 in.	6 3/4 in.	1/4 H.P.	425 lbs.	Belts	284.00
82-ZB	9 1/4 in.	3 1/2 ft.	23 in.	3/4 in.	6 3/4 in.	1/4 H.P.	445 lbs.	Bingo	290.00
82-AB	9 1/4 in.	4 ft.	29 in.	3/4 in.	6 3/4 in.	1/4 H.P.	465 lbs.	Blame	297.00
82-RB	9 1/4 in.	4 1/2 ft.	36 in.	3/4 in.	6 3/4 in.	1/4 H.P.	490 lbs.	Bodel	305.00
9-inch Standard Change Gear Bench Lathes									
31-XB	9 1/4 in.	2 1/2 ft.	11 in.	3/4 in.	6 3/4 in.	1/4 H.P.	395 lbs.	Bride	\$233.00
31-YB	9 1/4 in.	3 ft.	18 in.	3/4 in.	6 3/4 in.	1/4 H.P.	415 lbs.	Bulks	239.00
31-ZB	9 1/4 in.	3 1/2 ft.	23 in.	3/4 in.	6 3/4 in.	1/4 H.P.	435 lbs.	Bvork	245.00
31-AB	9 1/4 in.	4 ft.	29 in.	3/4 in.	6 3/4 in.	1/4 H.P.	455 lbs.	Bweir	252.00
31-RB	9 1/4 in.	4 1/2 ft.	36 in.	3/4 in.	6 3/4 in.	1/4 H.P.	480 lbs.	Bzone	260.00

For End View of Motor Drive Unit See Page 44.



The 9-inch Lathe Operates from an Electric Lamp Socket.

9-inch Horizontal Motor Driven Bench Lathes

Quick Change and Standard Change, Back Geared Screw Cutting Lathes

The 9-inch New Model South Bend Horizontal Motor Driven Bench Lathe is identically the same as the lathes illustrated and described on pages 10, 11 and 36 except that it has Bench Legs and is equipped with the Horizontal Motor Drive instead of countershaft drive. It will operate from an ordinary electric lamp socket at an average cost of about two cents per hour. This improved safety motor drive is efficient, powerful and noiseless in operation. The cabinet top opens to permit shifting of belt. Both the lathe and drive cabinet have three point bearing on the bench.

A 1/4 Horsepower Reversing Motor placed on a shelf beneath the bench drives the jackshaft on which the drive pulley and countershaft cone are attached, all located within the cast iron cabinet. A reversing switch (Drum Type) is conveniently located so that the operator can start, stop or reverse the motor from an easy working position. The distance between center of jackshaft and the lathe spindle is 21 inches.

The Electrical Equipment included with the drive unit for this lathe consists of: 1/4 H.P. Constant Speed Reversing Motor, 1200 R.P.M.; Reversing Switch (Drum Type); Wiring between motor and switch; Flexible Metal Conduit; Wiring Diagram; two Leather Belts; Cast Iron Cabinet with Drive Mechanism.

Specifications of Electric Current to be used should be given when ordering. See page 29.

The Lathe Equipment included in the price of each 9-inch Horizontal Motor Driven Bench Lathe consists of: Large and Small Face Plates, Tool Post Complete, Adjustable Thread Cutting Stop, two Lathe Centers and Spindle Sleeve, Center Rest, Follower Rest, Wrenches and Independent Change Gears with Standard Change Gear Lathes, also Installation Plans, Floor Plans and book, "How to Run a Lathe." See page 53.

The Hard Maple Bench is not included in the price of the lathe but is extra. See page 70.

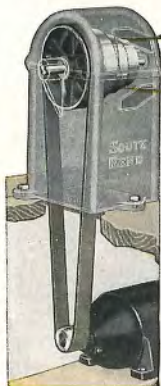
Net Factory Prices, 9-inch Horizontal Motor Driven Bench Lathe Prices Include Lathe, Drive Cabinet, Lathe Equipment, Reversing Motor, Reversing Switch, Two Belts, But Not Bench

Swing Over Bed	Length of Bed	Distance Between Centers	Size of Motor	Approx. Weight Crated	Hole Thru Spindle	Swing Over Carriage	Catalog Number of Lathe	Code Word	3 Phase 60 Cycle A.C. Motor	1 Phase 60 Cycle A.C. Motor	Direct Current Motor
9-inch Quick Change Gear Horizontal Motor Driven Bench Lathe											
9 1/4 in.	2 1/2 ft.	11 in.	1/4 H.P.	490 lbs.	3/4 in.	6 3/4 in.	482-X	Bdauw	\$348.00	\$363.00	\$356.00
9 1/4 in.	3 ft.	18 in.	1/4 H.P.	510 lbs.	3/4 in.	6 3/4 in.	482-Y	Bfevs	354.00	369.00	362.00
9 1/4 in.	3 1/2 ft.	23 in.	1/4 H.P.	530 lbs.	3/4 in.	6 3/4 in.	482-Z	Biquy	360.00	375.00	368.00
9 1/4 in.	4 ft.	29 in.	1/4 H.P.	550 lbs.	3/4 in.	6 3/4 in.	482-A	Bnthe	367.00	382.00	375.00
9 1/4 in.	4 1/2 ft.	36 in.	1/4 H.P.	575 lbs.	3/4 in.	6 3/4 in.	482-R	Bxhuz	375.00	390.00	383.00
9-inch Standard Change Gear Horizontal Motor Driven Bench Lathe											
9 1/4 in.	2 1/2 ft.	11 in.	1/4 H.P.	480 lbs.	3/4 in.	6 3/4 in.	431-X	Bajng	\$303.00	\$318.00	\$311.00
9 1/4 in.	3 ft.	18 in.	1/4 H.P.	500 lbs.	3/4 in.	6 3/4 in.	431-Y	Besic	309.00	324.00	317.00
9 1/4 in.	3 1/2 ft.	23 in.	1/4 H.P.	520 lbs.	3/4 in.	6 3/4 in.	431-Z	Byron	315.00	330.00	323.00
9 1/4 in.	4 ft.	29 in.	1/4 H.P.	540 lbs.	3/4 in.	6 3/4 in.	431-A	Buuld	322.00	337.00	330.00
9 1/4 in.	4 1/2 ft.	36 in.	1/4 H.P.	565 lbs.	3/4 in.	6 3/4 in.	431-R	Bealk	330.00	345.00	338.00

This Lathe is also furnished in 11-inch swing, prices on request.



*Cabinet Top Open
Showing Drive
Pulley*



*Phantom View of
Motor Drive
Unit*

