



Lathe Operates
From an
Electric Lamp
Socket

SOUTH BEND TRADE ENGINE		BEND MARK LATHES	
9 IN.			
THREAD	COMP	GEAR	SCREW
4	2-1		24
5	2-1		30
6	2-1		36
7	2-1		42
8	1		24
9	2-1		54
10			30
11			33
11½	2-1		36
12			36
13			39
14			42
15			48
18			54
20			60
22	1-2		33
24	1-2		36
28	1-1	N-N	48
32	1-1	N-N	48
36	1-1	N-N	48
40	1-1	N-N	54
40	1-2		60

SOUTH BEND LATHES WORKS
SOUTH BEND, IND., U.S.A.

Chart for Threads
Attached to 9-inch
No. 5 "Workshop"
Lathe

9" x 3' "Workshop" Lathe With Graduated Compound Rest but Without Motor Drive - \$75.00. Lathe complete as shown with Motor Drive, Reversing Motor, Reversing Switch and Graduated Compound Rest - \$93.00. (Prices do not include Bench)

9-inch No. 5 Workshop South Bend Bench Lathe

A Back-Gear'd, Screw Cutting Lathe for Automotive Repair Work

The 9-inch No. 5 "Workshop" South Bend Back Gear'd, Screw Cutting Bench Lathe is practical for the auto service shop, repair shop, service station, and electrical shop. It will true armature commutators, undercut mica, make bushings, grind valves, machine pistons, cut screw threads, and handle many other repair jobs.

Material Used. The 9-inch No. 5 "Workshop" South Bend Lathe is built of steel, cast iron and malleable iron. Bed is 50% steel and 50% gray iron. All gears are machine-cut from the solid metal. Change gears are cast iron and steel.

Principal Features of Lathe include: Back-gear'd headstock, six spindle speeds; hollow spindle with ½" hole; tailstock set-over for taper turning; No. 2 Morse Taper centers; three V-ways and one flat-way on bed align headstock, carriage and tailstock; compound rest, graduated 180°; micrometer graduations on feed screws; adjustable gibs on compound rest and cross slide; automatic longitudinal power feeds; precision lead screw for threads and feeds.

Screw Thread Cutting. Standard screw threads from 4 to 40 per inch, right or left hand, including 1½ pipe thread as listed on chart above, can be cut with the change gears supplied with lathe.

Automatic Longitudinal Feeds to Carriage as low as .003 of an inch per revolution of lathe spindle are provided on the 9-inch No. 5 "Workshop" Lathe.

Regular Equipment included in price consists of: Graduated compound rest; face plate; tool post; two 60° lathe centers; spindle sleeve; wrenches; change gears for screw threads and feeds; installation plan and book, "How to Run a Lathe."

Other Countershafts for 9-inch "Workshop" Lathe.
Double Friction Countershaft, for shops with lineshaft, provides for forward and reverse speeds. Price.....\$10.00
Two-Speed Drive Pulley for Horizontal Countershaft, plain type, provides six spindle speeds from 43 to 683 R.P.M. for working metals and six spindle speeds from 79 to 1235 R.P.M. for wood working. Price.....\$ 3.50
Two-Step V-Pulley for Motor, for use with Two-Speed Horizontal Countershaft. Price. \$ 1.50
Three-Step Cone Pulley Only. Price.....\$ 3.00

Attachments, Chucks and Tools for handling a wide variety of work on the 9-inch No. 5 "Workshop" Lathe can be supplied at extra cost. Complete information and prices will be supplied on request.

NET FACTORY PRICES OF 9-inch No. 5 "WORKSHOP" SOUTH BEND BENCH LATHE

Description	9" x 3' 405-Y	9" x 3½' 405-Z	9" x 4' 405-A
9-inch No. 5 "Workshop" South Bend Bench Lathe with Graduated Compound Rest and Regular Equipment, but not Bench.....	\$75.00	\$87.00	\$99.00
Prices of Horizontal Motor Drive Equipment			
Horizontal Countershaft, Plain Type.....	5.00	5.00	5.00
1/4 H.P. Start-and Stop Reversing Split-phase Motor,* 1725 R.P.M. (1-phase, 60-cycle, A.C. 110-volt).....	7.75	7.75	7.75
V-Groove Pulley for Motor.....	.50	.50	.50
Reversing Switch (Drum Type).....	3.00	3.00	3.00
V-Belt, Motor to Drive Unit.....	.75	.75	.75
Flat Leather Belt (1" x 45").....	1.00	1.00	1.00
Price, Lathe and Equipment, Complete.....	\$93.00	\$105.00	\$117.00
Cash Down Payment.....	\$24.00	\$ 28.00	\$ 29.00
Monthly Payments Each.....	\$ 7.00	\$ 7.00	\$ 8.00
Distance Between Spindle Centers of Lathe.....	18 in.	24 in.	30 in.
Shipping Weight, Lathe and Motor Drive Equipment.....	300 lbs.	325 lbs.	350 lbs.

*Electric Motors. We can supply electric motors for D.C. and A.C. in 3-phase and 2-phase; also special motors of 25, 40 and 50 cycle, at slightly higher prices.

