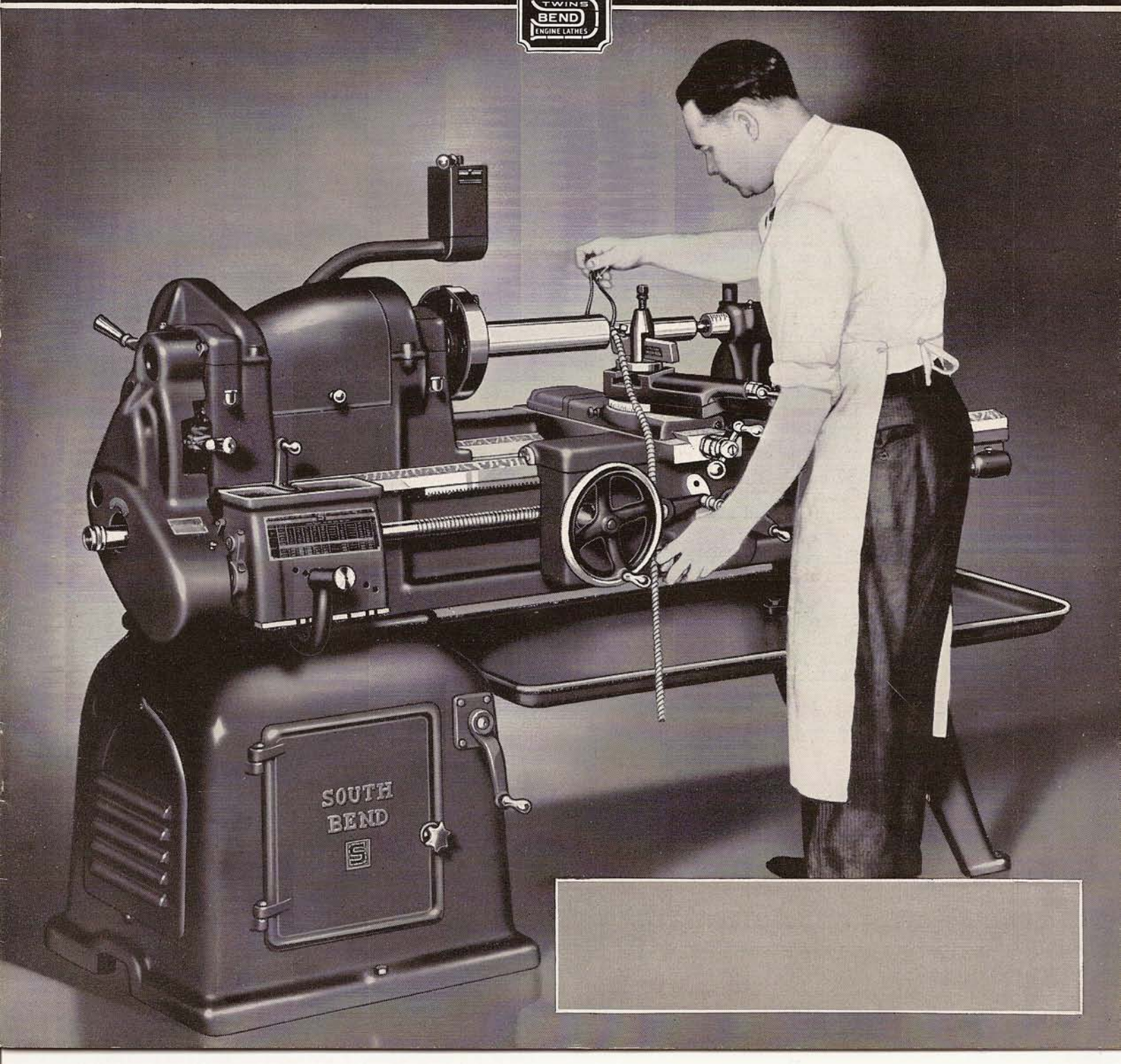
Catalog No. 16-T

New South Bend Series "S"

16" Swing *Precision* Lathes

BACK-GEARED—BELT DRIVE TO SPINDLE



16-inch South Bend Precision Lathes—Series "S"

Specifications Apply to all 16-inch Lathes Shown in this Catalog

All types of 16-inch swing lathes shown in this catalog are identical in workmanship, material and quality, having similar headstock, tailstock, carriage, and bed. The only difference between the various models of lathes is in the type of drive, and the equipment supplied.

Capacity of Lathe

Swing over bed and saddle wings	16¼″
Swing over saddle with chip guard removed	11⅛″
Swing over saddle with chip guard	9⅝″

Spindle Speeds

Standard spindle speeds (Subject to 5% Variation)	
R.P.M. of spindle, direct belt driven	725, 438, 277, 171
R.P.M. of spindle, back gears engaged	91, 55, 35, 21

Higher spindle speeds can be supplied to order. Price on request

Threads and Feeds

Thread cutting range	
Quick Change gear lathe—48 threads R.H. or L.H.	4 to 224 per inch
Standard Change gear lathe—45 threads R.H. or L.H.	4 to 160 per inch
Longitudinal feeds through friction clutch	
Quick Change gear lathe—48 feeds R.H. or L.H.	.0015″ to .0841″
Standard change gear lathe—26 feeds R.H. or L.H.	.0021″ to .0153″
Cross feeds through friction clutch	
Quick change gear lathe—48 feeds	.0006″ to .0312″
Standard change gear lathe—26 feeds	.0008″ to .0057″
Lead screw, 29° Acme thread	1⅛″ Diam.—6 Thrds.

Headstock

Hole through spindle	1⅜″
Maximum collet capacity*	1″
Spindle nose diameter and threads per inch	2⅜″-6
Size of Center, Morse taper	No. 3
Width of cone pulley step for belt	2¼″
Large face plate diameter 13¼″ — Small face plate diameter	8 1/16″

Spindle bearings are cast integral with headstock.

Front spindle bearing, diameter	2⅞″

Compound Rest

Cross slide will travel	10½″
Angular hand feed of compound rest top slide	3¾″

Tool Post

Size of tool holder shank	⅝″ x 1⅜″
Size of cutter bits tool holder takes	⅜″ sq.

Tailstock

Size of Morse taper centers	No. 3
Spindle travel	5¾″
Each graduation on tailstock spindle advances spindle	1/16″
Tailstock top will set over for taper turning	1″

Motor Standard size of motor supplied with each 16-inch motor driven lathe .... 1½ H.P

Standard motors as listed with lathes shown in this catalog: 1-phase, 50 or 60 cycle, 110 or 220 volt; 3-phase, 50 or 60 cycle, 220, 440, or 550 volt; D.C., 115 or 230 volt. Special motors supplied to order. Prices of lathes with special motors will be quoted on request.

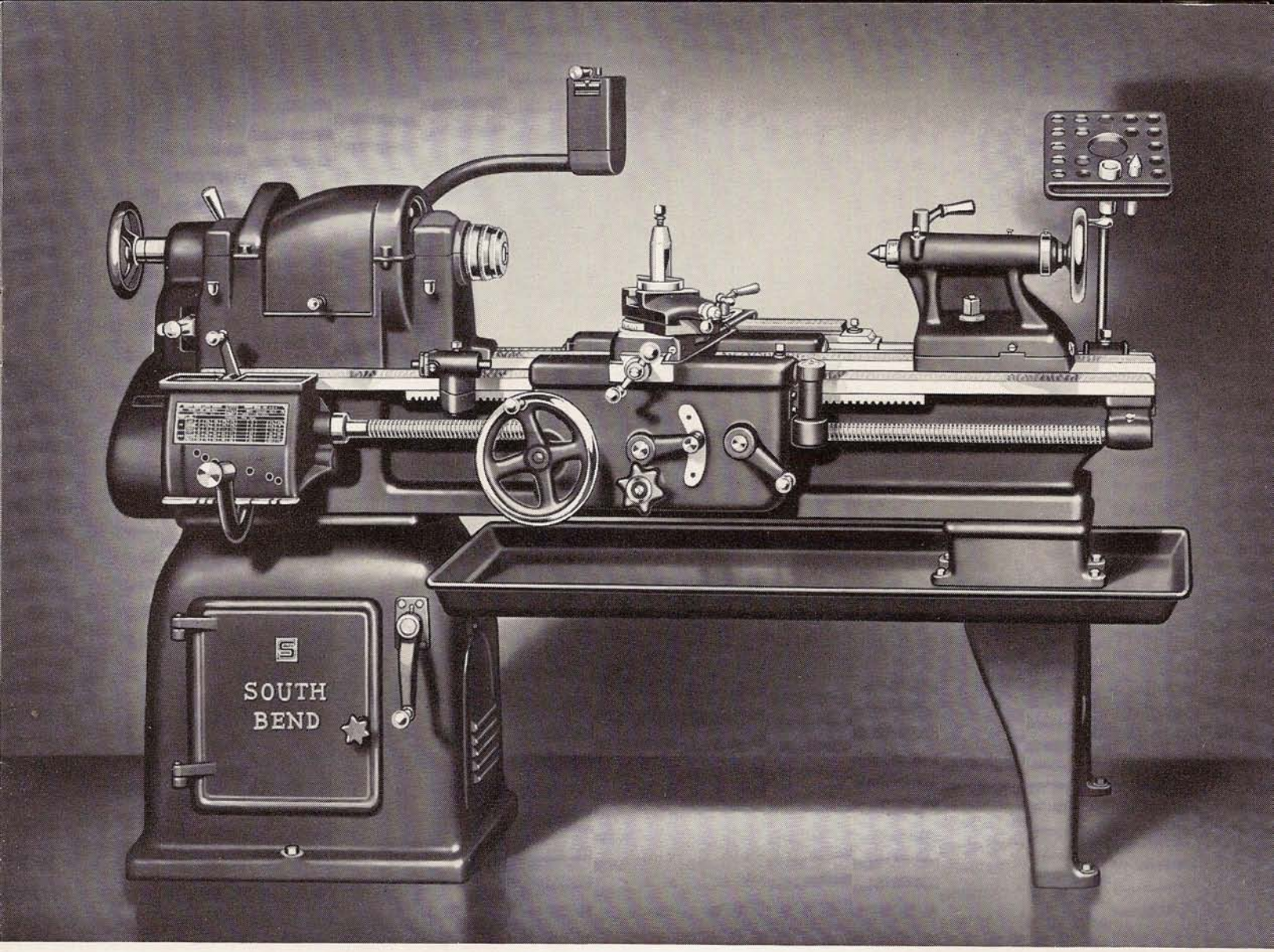
Specifications of Lathes with Metric Lead Screws

Applying only to lathes ordered with metric lead screw and metric graduations.

Quick change gear lathe cuts 46 threads R.H. or L.H.	7.5 mm to 0.2 mm
Standard change gear lathe cuts 35 threads R.H. or L.H.	7.0 mm to 0.2 mm
Lead screw pitch 4.0 mm — Cross feed screw pitch	3.0 mm

*Collets for 16″ Lathes are interchangeable with collets for 10″—1″ Collet Capacity Lathes.

We reserve the right to make changes in the materials, designs or specifications of the products listed in this catalog without obligation to subsequent purchasers, or to add improvements without making corresponding changes in products previously manufactured.



16-inch Tool Room Precision Lathe—Series "S"

Underneath Motor Drive—Back-Geared—Belt Drive to Spindle

The 16-inch Tool Room Lathe with underneath belt motor drive and full quick change gear equipment, as illustrated above, is the result of thirty-four years of experience in building fine lathes. The workmanship and materials entering into the construction of this lathe are the best that can be obtained, and the highest standards of accuracy are maintained throughout its manufacture. See page 2 for specifications.

The Underneath Motor Drive is especially desirable for Tool Room Lathes. This fully enclosed drive provides an unusually wide range of spindle speeds. A precision belt tension adjustment is provided. The belt drive to the spindle is silent in operation and develops a smooth, steady pull, entirely free from gear vibration.

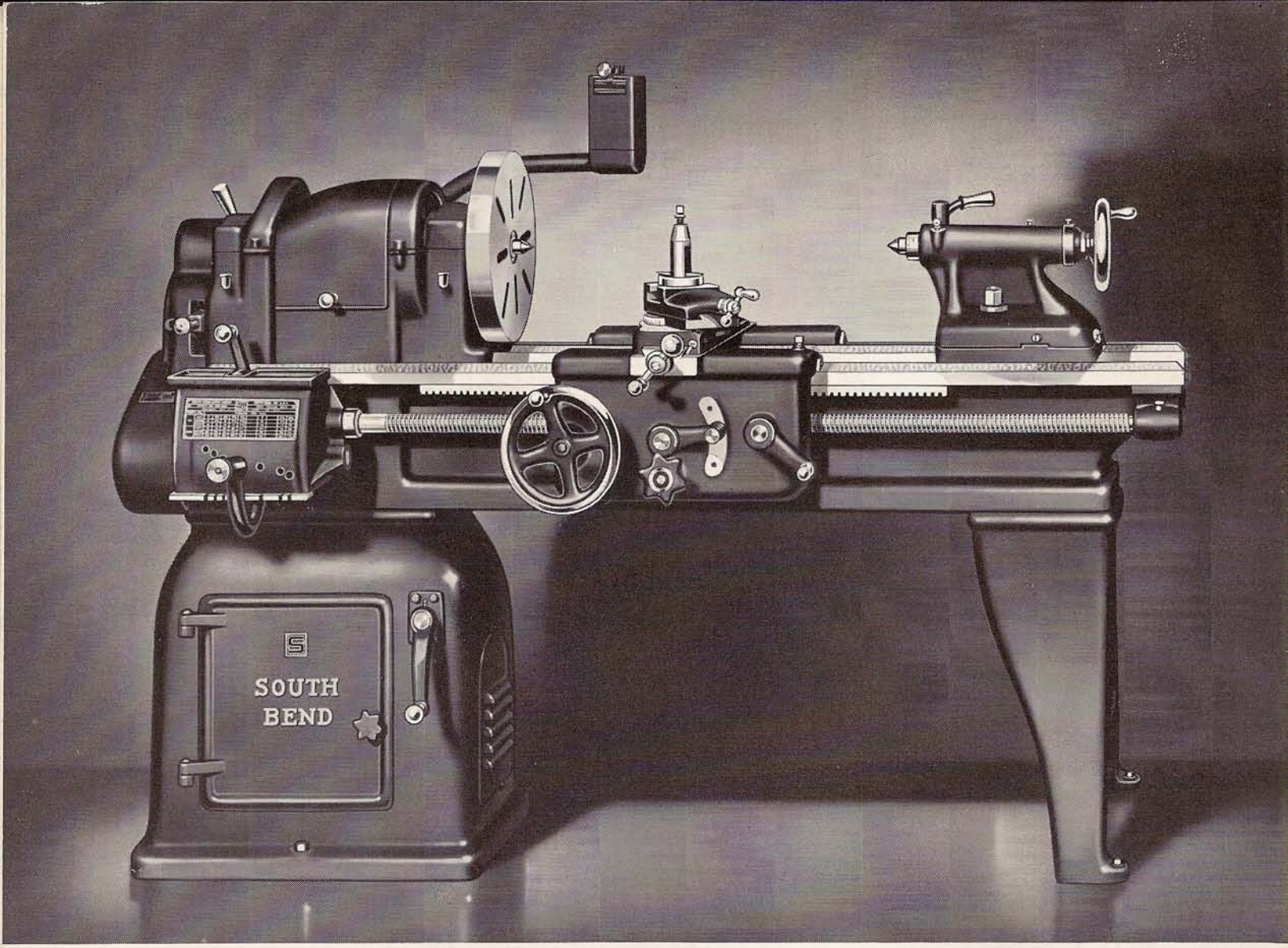
Improved Features of lathe include: alloy steel headstock spindle, carburized, hardened, ground, and superfinished; integral headstock bearings; double wall apron with all gears of steel, and multiple disc friction clutch for operating automatic cross feeds and automatic longitudinal feeds; easy reading micrometer graduated collars; quick change gear box for threads and feeds; and semi-steel lathe bed.

Tool Room Attachments included in price of this lathe consist of: hand wheel type draw-in collet attachment with one collet; collet rack; telescopic taper attachment; thread dial indicator; chip pan; and micrometer carriage stop.

Regular Equipment included in price of lathe consists of 1½ H.P. instant reversing motor; reversing switch; wiring; 4 V-belts; flat leather belt; large and small face plates; forged steel heat-treated tool post; adjustable thread cutting stop; tool steel centers for headstock and tailstock spindles; headstock spindle sleeve; wrenches; quick change gear box; installation plan; and book "How to Run a Lathe."

16-inch Underneath Motor Driven Tool Room Lathes

Bed Length	6-ft.	7-ft.	8-ft.
Distance Between Centers	34-in.	46-in.	58-in.
Catalog Number	8117-C	8117-D	8117-E
Shipping Weight, Crated	2525 lbs.	2605 lbs.	2685 lbs.
Code Word	Balha	Barso	Balib



16-inch Underneath Motor Driven Precision Lathe—Series "S"

Quick Change Gear Type—Back-Geared—Belt Drive to Spindle

The 16-inch Quick Change Gear Lathe with underneath belt motor drive is popular for both production operations and tool room work. The full quick change gear box provides an unusually wide range of screw threads and power feeds.

The Underneath Motor Drive is entirely self-contained and fully enclosed. It provides an unusually wide range of spindle speeds. A precision belt tension adjustment is provided. The belt drive to the spindle is silent in operation and develops a smooth, steady pull entirely free from gear vibration.

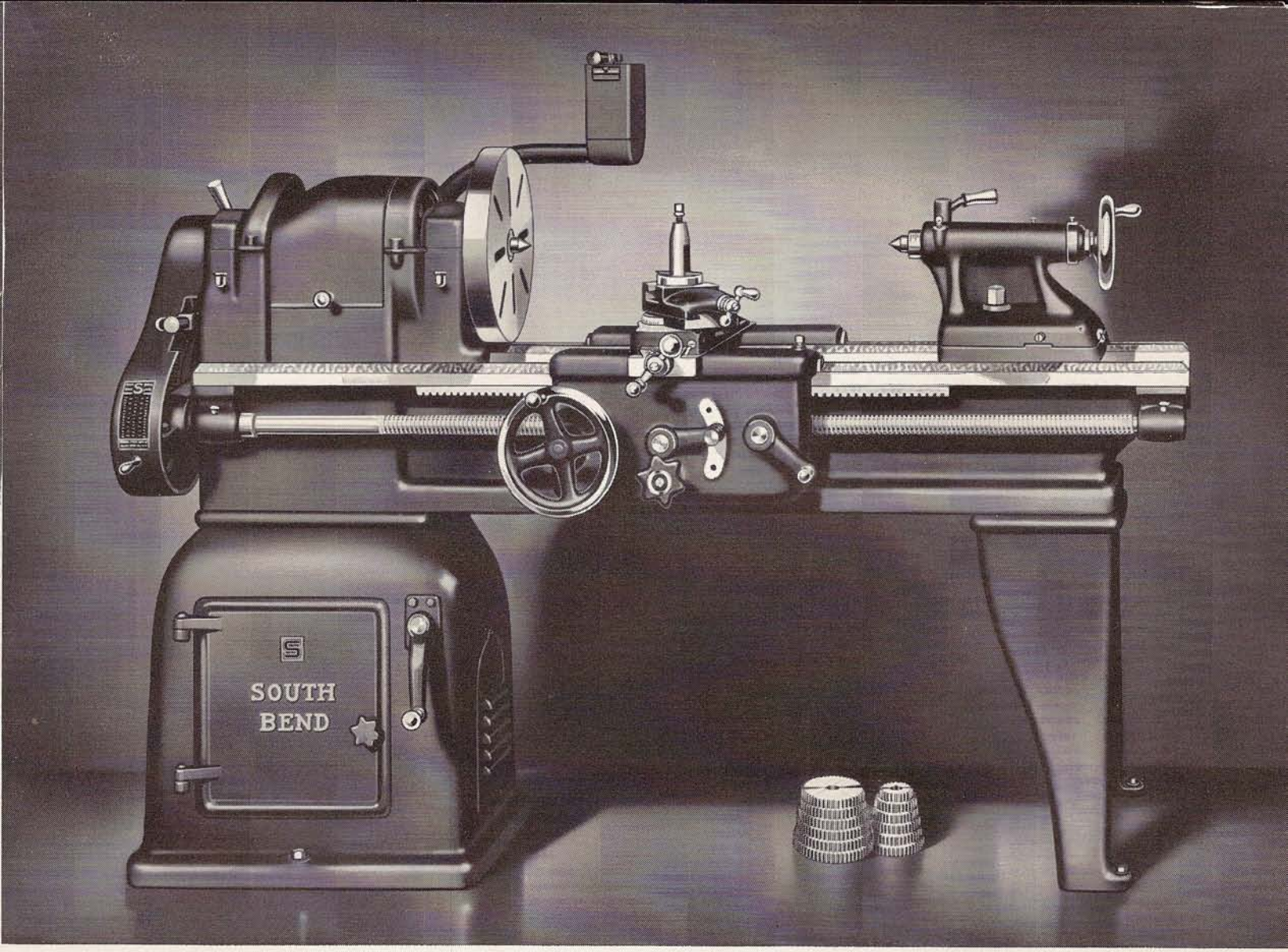
Improved Features of lathe include: alloy steel headstock spindle, carburized, hardened, ground, and superfinished; integral headstock bearings; double wall apron with all gears of steel, and multiple disc friction clutch for operating automatic cross feeds and automatic longitudinal feeds; easy reading micrometer graduated collars; and semi-steel lathe bed. See page 2 for complete specifications.

Attachments, Chucks, and Tools for this lathe are listed on page 12. This complete line of attachments and accessories greatly increases the usefulness of the lathe. Most of the attachments may be purchased either with the lathe or later.

Regular Equipment included in price of lathe consists of 1½ H.P. instant reversing motor; reversing switch; wiring for the switch and motor; 4 V-belts; flat leather belt; large and small face plates; forged steel heat-treated tool post; adjustable thread cutting stop; No. 3 Morse taper tool steel centers for headstock and tailstock spindles; spindle sleeve; wrenches; quick change gear box; installation plan; and book "How to Run a Lathe."

16-inch Quick Change Gear Underneath Motor Driven Lathes

Bed Length	6-ft.	7-ft.	8-ft.	10-ft.	12-ft.
Distance Between Centers	34-in.	46-in.	58-in.	82-in.	106-in.
Catalog Number	117-C	117-D	117-E	117-G	117-H
Shipping Weight, Crated	2300 lbs.	2380 lbs.	2460 lbs.	2620 lbs.	2850 lbs.
Code Word	Bapvo	Barve	Baryo	Basoz	Bavco



16-inch Underneath Motor Driven Precision Lathe—Series "S"

Standard Change Gear Type—Back-Geared—Belt Drive to Spindle

The 16-inch Standard Change Gear Lathe with underneath belt motor drive is recommended for production operations and general machine work. A set of independent change gears supplied with the lathe provides a wide range of right and left hand screw threads and power feeds.

The Underneath Motor Drive is entirely self-contained and is fully enclosed. It provides an unusually wide range of spindle speeds. A precision belt tension adjustment is provided. The belt drive to the spindle is silent in operation and develops a smooth, steady pull entirely free from gear vibration.

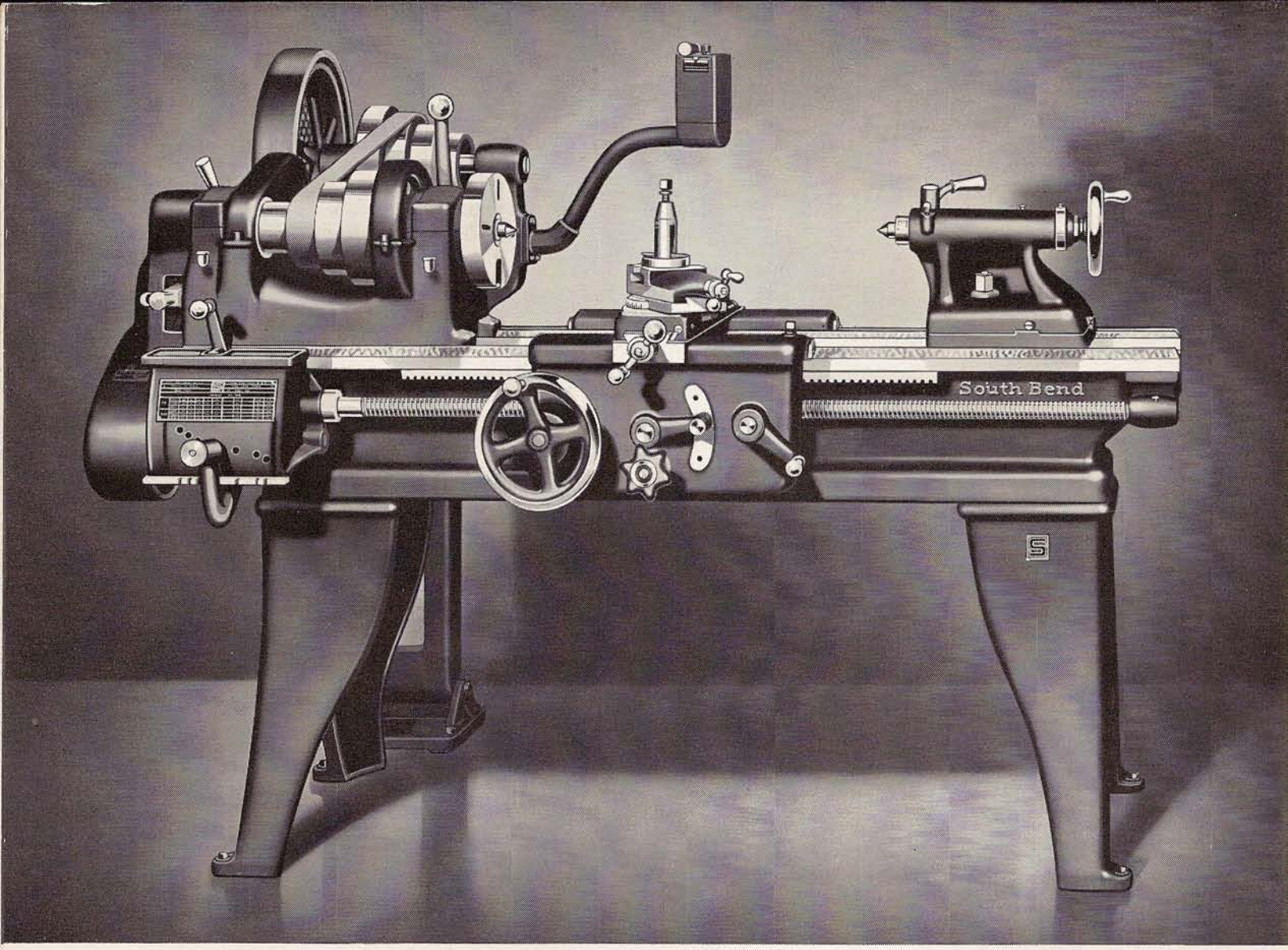
Improved Features of lathe include: alloy steel headstock spindle, carburized, hardened, ground, and superfinished; integral headstock bearings; double wall apron with all gears of steel, and multiple disc friction clutch for operating automatic cross feeds and automatic longitudinal feeds; easy reading micrometer graduated collars; and semi-steel lathe bed. See page 2 for complete specifications.

Attachments, Chucks, and Tools for this lathe are listed on page 12. This complete line of attachments and accessories greatly increases the usefulness of the lathe. Most of the attachments may be purchased either with the lathe or later.

Regular Equipment included in price of lathe consists of 1½ H.P. instant reversing motor; reversing switch; wiring; 4 V-belts; flat leather belt; large and small face plates; forged steel heat-treated tool post; adjustable thread cutting stop; tool steel spindle centers; headstock spindle sleeve; wrenches; set of independent change gears; installation plan; and book "How to Run a Lathe."

16-inch Standard Change Gear Underneath Motor Driven Lathes

Bed Length	6-ft.	7-ft.	8-ft.	10-ft.	12-ft.
Distance Between Centers	34-in.	46-in.	58-in.	82-in.	106-in.
Catalog Number	123-C	123-D	123-E	123-G	123-H
Shipping Weight, Crated	2265 lbs.	2345 lbs.	2425 lbs.	2585 lbs.	2815 lbs.
Code Word	Babes	Babgu	Babiw	Babma	Babob



16-inch Pedestal Motor Driven Precision Lathe—Series "S"

Quick Change Gear Type—Back-Geared—Belt Drive to Spindle

The 16-inch Quick Change Gear Lathe with pedestal motor drive is recommended to those who desire an excellent motor driven lathe at a reasonable price. The full quick change gear box provides an unusually wide range of screw threads and power feeds. See page 11 for description of gear box.

The Pedestal Motor Drive is convenient, efficient, and practical. It permits easy shifting of the cone pulley belt, providing an unusually wide range of spindle speeds. A precision belt tension adjustment is provided. The belt drive to the spindle is silent in operation and develops a smooth, steady pull entirely free from gear vibration.

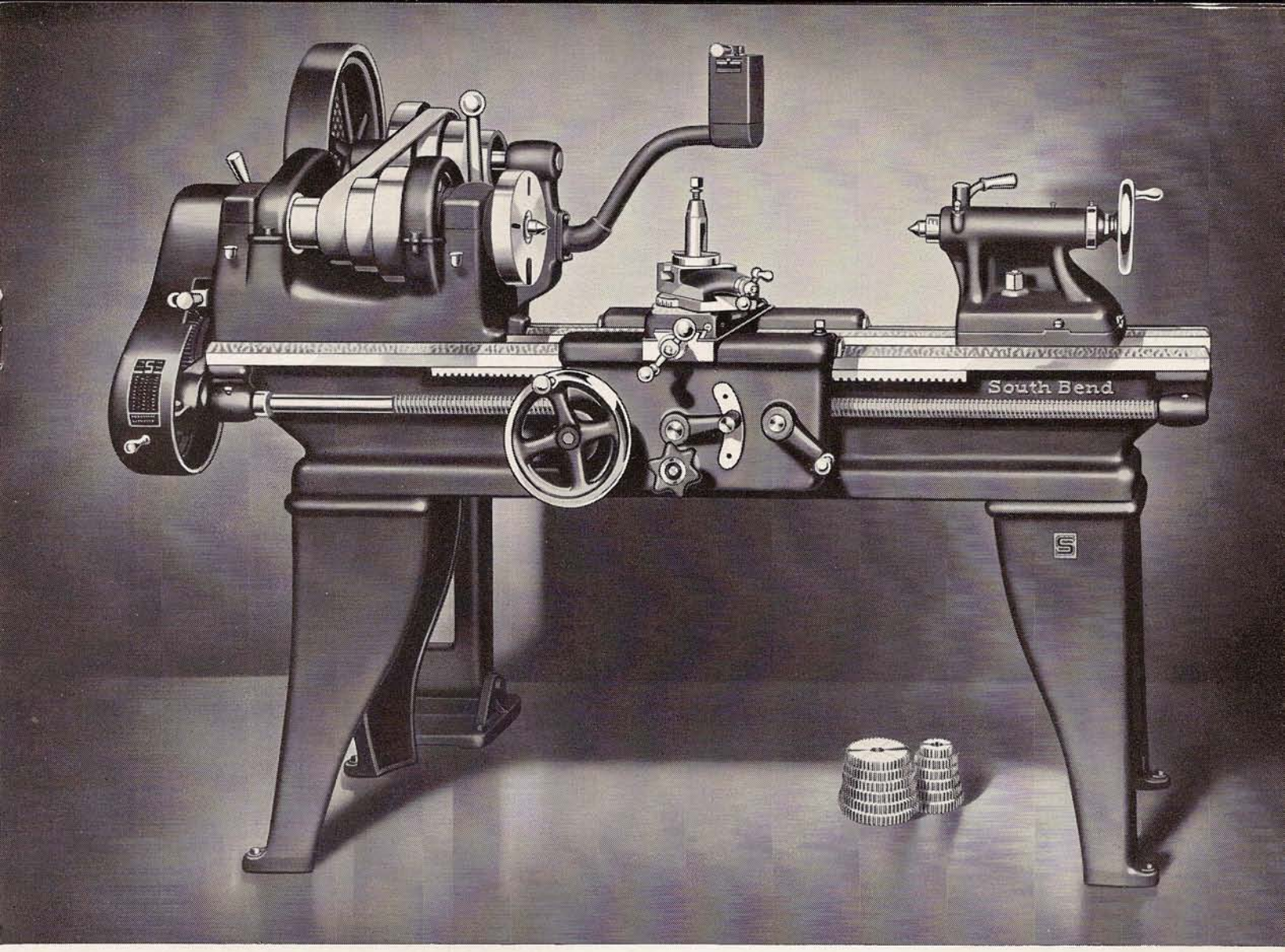
Improved Features of lathe include: alloy steel headstock spindle, carburized, hardened, ground, and superfinished; integral headstock bearings; double wall apron with all gears of steel, and multiple disc friction clutch for operating automatic cross feeds and automatic longitudinal feeds; easy reading micrometer graduated collars; and semi-steel lathe bed. See page 2 for specifications.

Attachments, Chucks and Tools for this lathe are listed on page 12. This complete line of attachments and accessories greatly increases the usefulness of the lathe. Most of the attachments may be purchased either with the lathe or later.

Regular Equipment included in price of lathe consists of 1½ H.P. instant reversing motor; reversing switch; wiring; 4 V-belts; flat leather belt; large and small face plates; forged steel heat-treated tool post; adjustable thread cutting stop; No. 3 Morse taper tool steel centers for headstock and tailstock spindles; headstock spindle sleeve; wrenches; quick change gear box; installation plan; and instruction book "How to Run a Lathe."

16-inch Quick Change Gear Pedestal Motor Driven Lathes

Bed Length	6-ft.	7-ft.	8-ft.	10-ft.	12-ft.
Distance Between Centers	34-in.	46-in.	58-in.	82-in.	106-in.
Catalog Number	917-C	917-D	917-E	917-G	917-H
Shipping Weight, Crated	2165 lbs.	2245 lbs.	2325 lbs.	2485 lbs.	2715 lbs.
Code Word	Lapin	Lalos	Larag	Lamar	Lanos



16-inch Pedestal Motor Driven Precision Lathe—Series "S"

Standard Change Gear Type—Back-Geared—Belt Drive to Spindle

The 16-inch Standard Change Gear Lathe with pedestal motor drive is very attractively priced. This lathe is recommended for both production operations and general machine work. Independent change gears, supplied with lathe, provide a wide range of right and left hand screw threads and power feeds.

The Pedestal Motor Drive is exceptionally convenient, and efficient. It permits easy shifting of the cone pulley belt, providing an unusually wide range of spindle speeds. Precision belt tension adjustment is provided. The belt drive to the spindle is silent in operation and develops a smooth, steady pull entirely free from gear vibration.

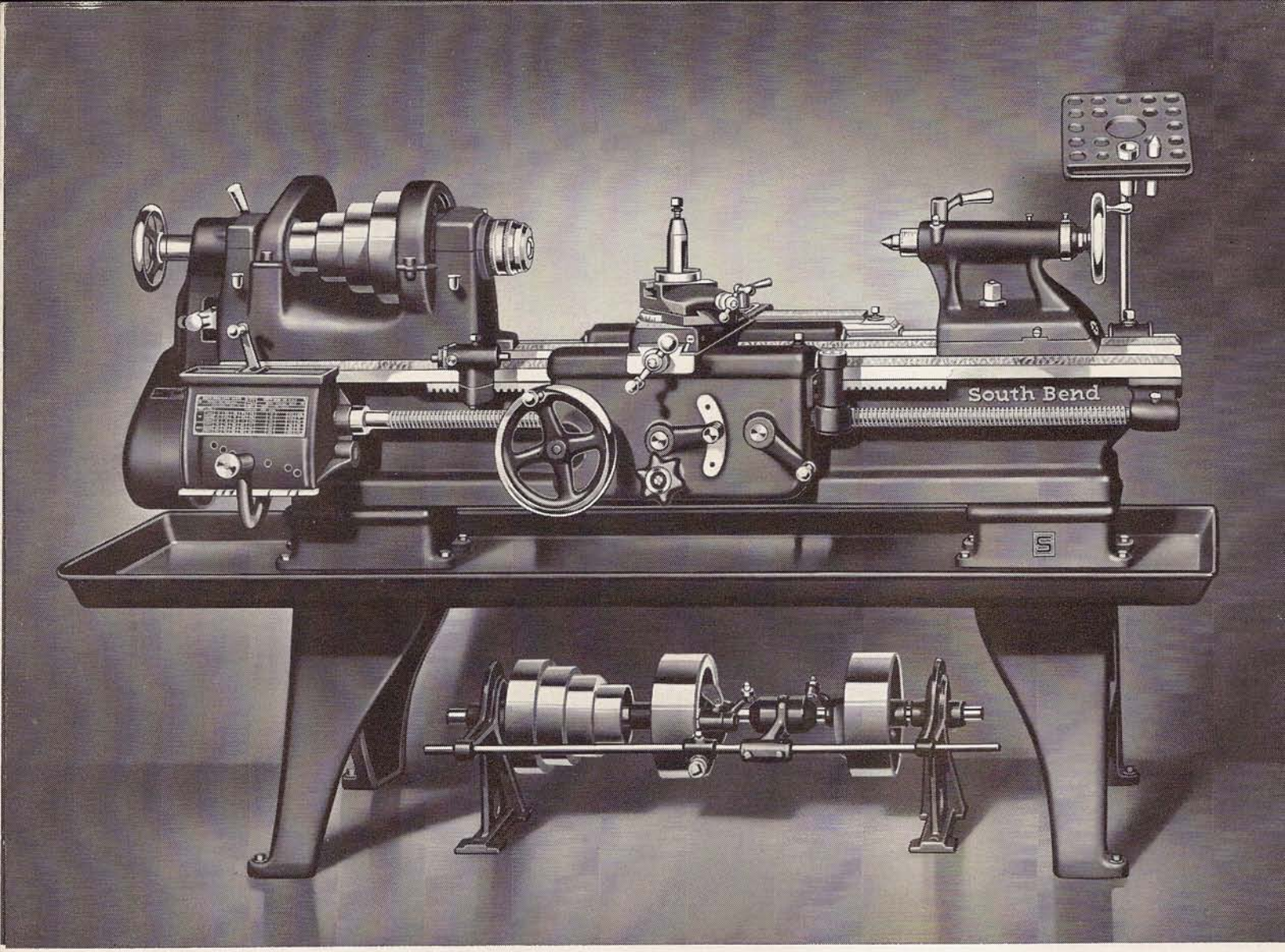
Improved Features of lathe include: alloy steel headstock spindle, carburized, hardened, ground, and superfinished; integral headstock bearings; double wall apron with all gears of steel, and multiple disc friction clutch for operating automatic cross feeds and automatic longitudinal feeds; easy reading micrometer graduated collars; and semi-steel lathe bed. See page 2 for specifications.

Attachments, Chucks and Tools for this lathe are listed on page 12. This complete line of attachments and accessories greatly increases the usefulness of the lathe. Most of the attachments may be purchased either with the lathe or later.

Regular Equipment included in price of lathe consists of 1½ H.P. instant reversing motor; reversing switch; wiring; 4 V-belts; flat leather belt; large and small face plates; forged steel heat-treated tool post; adjustable thread cutting stop; No. 3 Morse taper tool steel centers for headstock and tailstock spindles; headstock spindle sleeve; wrenches; set of independent change gears; installation plan; and instruction book "How to Run a Lathe."

16-inch Standard Change Gear Pedestal Motor Driven Lathes

Bed Length	6-ft.	7-ft.	8-ft.	10-ft.	12-ft.
Distance Between Centers	34-in.	46-in.	58-in.	82-in.	106-in.
Catalog Number	923-C	923-D	923-E	923-G	923-H
Shipping Weight, Crated	2130 lbs.	2210 lbs.	2290 lbs.	2450 lbs.	2680 lbs.
Code Word	Pirel	Piren	Pabit	Pabog	Pacen



16-inch Tool Room Precision Lathe—Series "S"

Countershaft Drive—Back-Geared—Belt Drive to Spindle

The 16-inch Tool Room Lathe with countershaft drive and full quick change gear equipment represents the maximum tool room lathe value per dollar of cost for the shop that is equipped with a lineshaft for power. Economy of operation is another appealing feature of this lathe. See page 2 for complete specifications of this lathe.

The Countershaft has two friction clutch pulleys, one of which may be driven with an open belt and the other with a crossed belt, which permits the lathe to be operated forward and in reverse. Eight spindle speeds forward and eight spindle speeds in reverse are available. Many mechanics prefer the countershaft drive because of the ease with which the lathe spindle may be revolved by pulling the belt by hand.

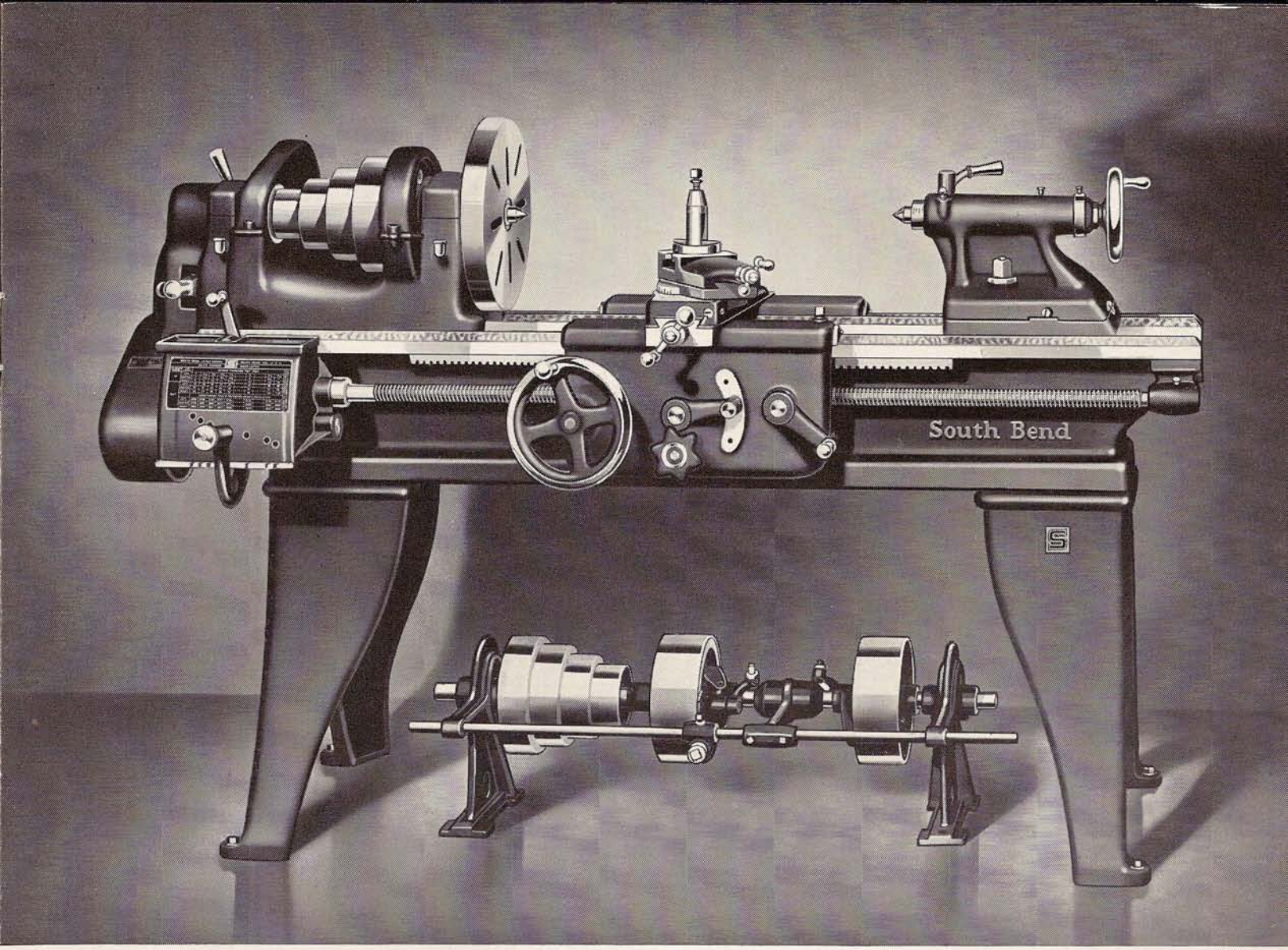
Improved Features of lathe include: alloy steel headstock spindle, carburized, hardened, ground, and superfinished; integral headstock bearings; double wall apron with all gears of steel, and multiple disc friction clutch for operating automatic cross feeds and automatic longitudinal feeds; easy reading micrometer graduated collars; quick change gear box for threads and feeds; and semi-steel lathe bed.

Tool Room Attachments included in price of this lathe consist of: hand wheel type collet attachment with one collet; collet rack; telescopic taper attachment; thread dial indicator; chip pan; and micrometer carriage stop.

Regular Equipment included in price consists of: reversing countershaft with two friction clutch pulleys; large and small face plates; forged steel heat-treated tool post; adjustable thread cutting stop; tool steel centers for headstock and tailstock spindles; spindle sleeve; wrenches; gear box; installation plan; and book "How to Run a Lathe."

16-inch Countershaft Driven Tool Room Lathes

Bed Length	6-ft.	7-ft.	8-ft.
Distance Between Centers	34-in.	46-in.	58-in.
Catalog Number	8017-C	8017-D	8017-E
Shipping Weight, Crated	2125 lbs.	2205 lbs.	2285 lbs.
Code Word	Larel	Laboz	Lerem



16-inch Countershaft Driven Precision Lathe—Series "S"

Quick Change and Standard Change Types—Back-Geared—Belt Drive to Spindle

The 16-inch Lathe with Countershaft Drive represents the maximum lathe value per dollar of cost for the shop that is equipped with a lineshaft for power. Economy of operation is an appealing feature of this lathe and accounts for its popularity for use in large industrial plants. See page 2 for specifications.

The Countershaft has two friction clutch pulleys, one of which may be driven with an open belt and the other with a crossed belt, which permits the lathe to be operated forward and in reverse. Eight spindle speeds forward and eight in reverse are available.

Improved Features include: alloy steel headstock spindle, carburized, hardened, ground, and superfinished; integral headstock bearings; double wall apron with all gears of steel, and multiple disc friction clutch for operating automatic cross feeds and automatic longitudinal feeds; easy reading micrometer graduated collars; and semi-steel lathe bed.

Attachments, Chucks, and Tools for this lathe are listed on page 12.

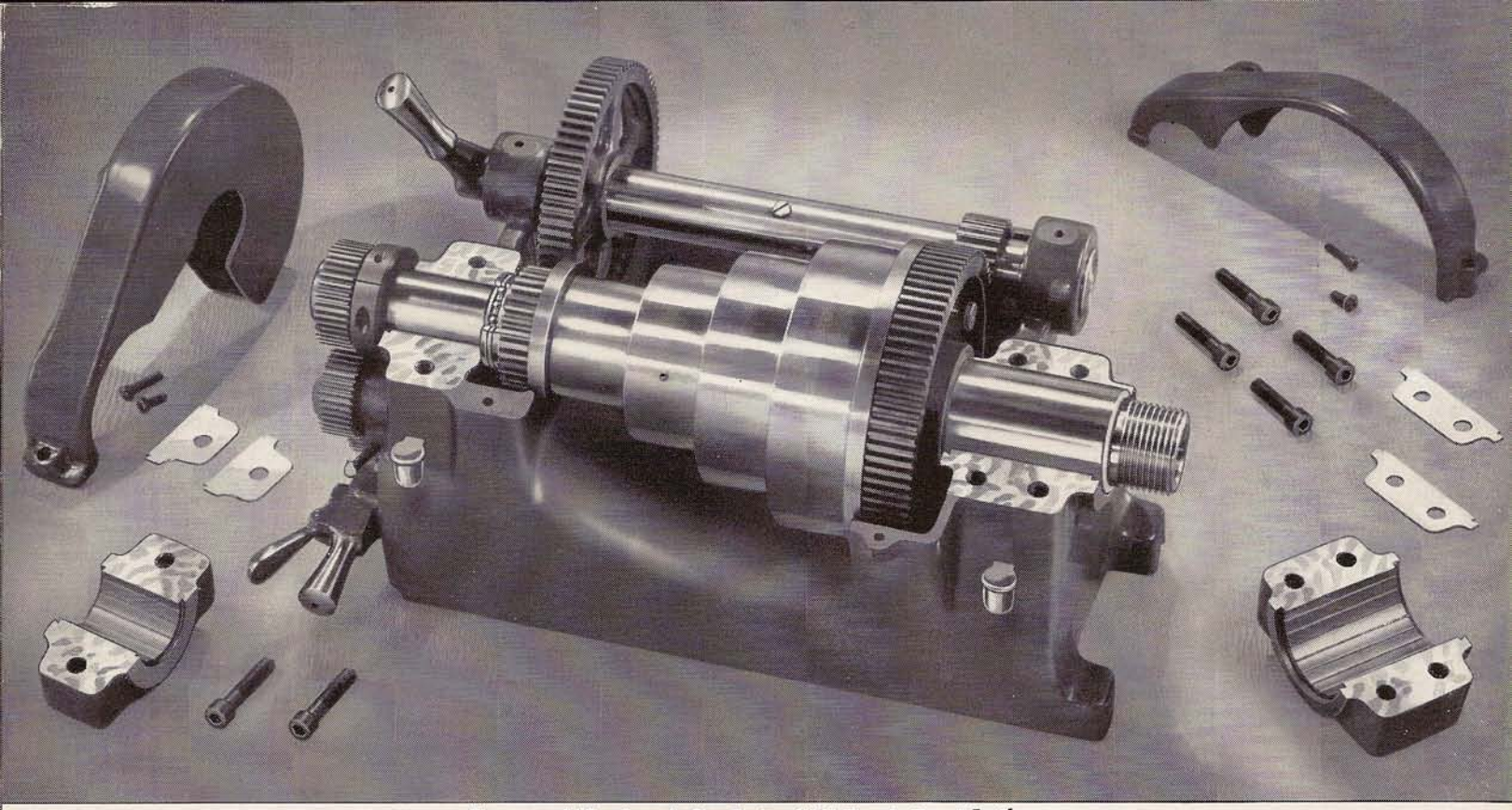
Regular Equipment included in price consists of: reversing countershaft with two friction clutch pulleys; large and small face plates; tool post; adjustable thread cutting stop; spindle centers; spindle sleeve; wrenches; gear box or set of independent change gears; installation plan; and instruction book "How to Run a Lathe."

Quick Change Gear
16-inch Countershaft Driven Lathes

Bed Length	6-ft.	7-ft.	8-ft.	10-ft.	12-ft.
Distance Between Centers	34-in.	46-in.	58-in.	82-in.	106-in.
Catalog Number	17-C	17-D	17-E	17-G	17-H
Shipping Weight, Crated	1875 lbs.	1955 lbs.	2035 lbs.	2195 lbs.	2425 lbs.
Code Word	Alcis	Alcot	Algat	Algoy	Alguz

Standard Change Gear
16-inch Countershaft Driven Lathes

Bed Length	6-ft.	7-ft.	8-ft.	10-ft.	12-ft.
Distance Between Centers	34-in.	46-in.	58-in.	82-in.	106-in.
Catalog Number	23-C	23-D	23-E	23-G	23-H
Shipping Weight, Crated	1840 lbs.	1920 lbs.	2000 lbs.	2160 lbs.	2390 lbs.
Code Word	Amnuc	Ampay	Andun	Anler	Anlot



Improved Headstock for Series "S" South Bend Lathe

Improved Headstock

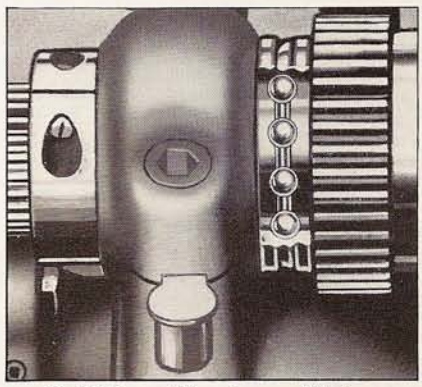
For Series "S" South Bend Precision Lathes

The New Headstock shown above has been adopted for all sizes of South Bend Precision Lathes. The superiority of the integral type bearing used in this headstock has been proved by seven years of research and experimental work and hundreds of tests conducted by our Engineering Department. More than 30,000 South Bend Lathes with this type of headstock, spindle and bearing construction are now in use.

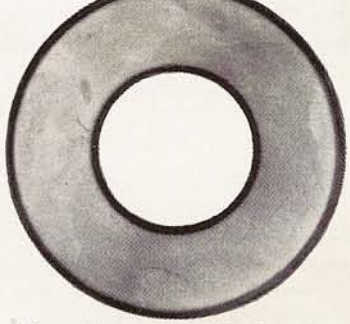
The Lathe Spindle is made of a special grade of alloy spindle steel. All bearing surfaces, including the tapered hole, are carburized, hardened, and precision ground. The journal bearing surfaces are superfinished to a smoothness of five micro inches (.000005″). The hardness of the bearing surfaces is 56 to 61 Rockwell C.

The Headstock Bearings are unusually large, being of the integral type, and are precision bored and hand scraped to the spindle. This design permits using a large diameter spindle, providing extreme rigidity and reducing the possibility of chatter. Bearings are accurately adjusted at the factory and should require no further adjustment for years. Provision is made for take-up when required.

Large Oil Reservoirs and an improved capillary oiling system provide a complete film of clean filtered oil which separates the rotating spindle from the bearing at all times. As long as sufficient oil is supplied to maintain an adequate oil film, there can be no metal to metal contact in this bearing, no wear and no friction other than the fluid friction of the lubricant. An efficient oil return system retains the oil so that only occasional replenishing is required.



Ball Thrust Bearing and Take-up Nut, Eliminate Spindle End Play



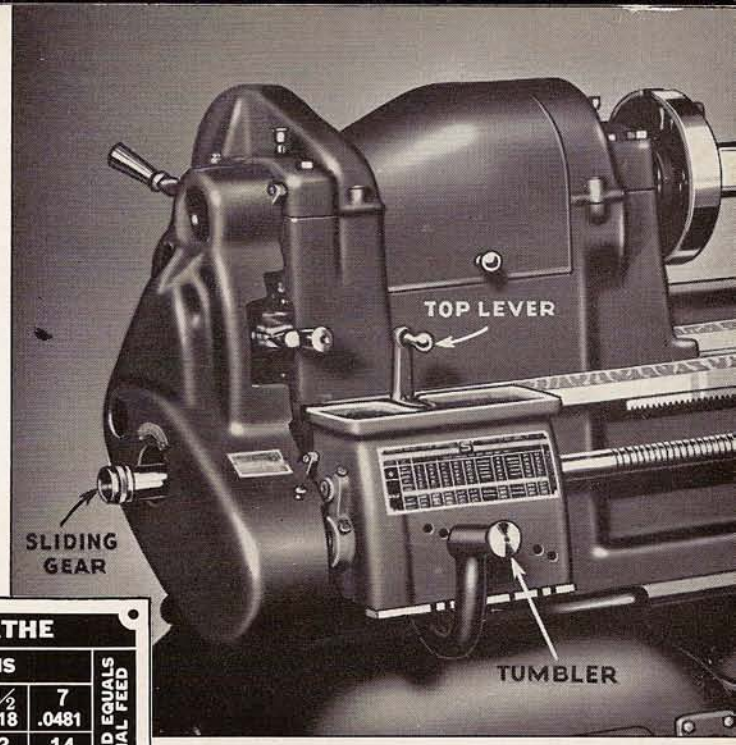
Cross Section of Headstock Spindle. Bearing Surfaces are Carburized and Hardened to a Depth of 3/64″

Heat-treated Alloy Steel Spindle with Journal Bearing Surfaces Carburized, Hardened, Ground, and Superfinished.

Quick Change Gear Box Provides Wide Range of Threads and Feeds

The Quick Change Gear Box shown at right provides a wide range of right and left hand threads and feeds. The threads per inch are shown in large figures on the index chart below. The smaller figures indicate the power longitudinal turning feeds in thousandths of an inch.

Changes for the various threads and feeds are made by shifting levers on the gear box and by shifting the sliding gears on the end of the lathe. No pick-off gears are required. A reverse lever permits changing instantly from right hand to left hand threads or feeds.



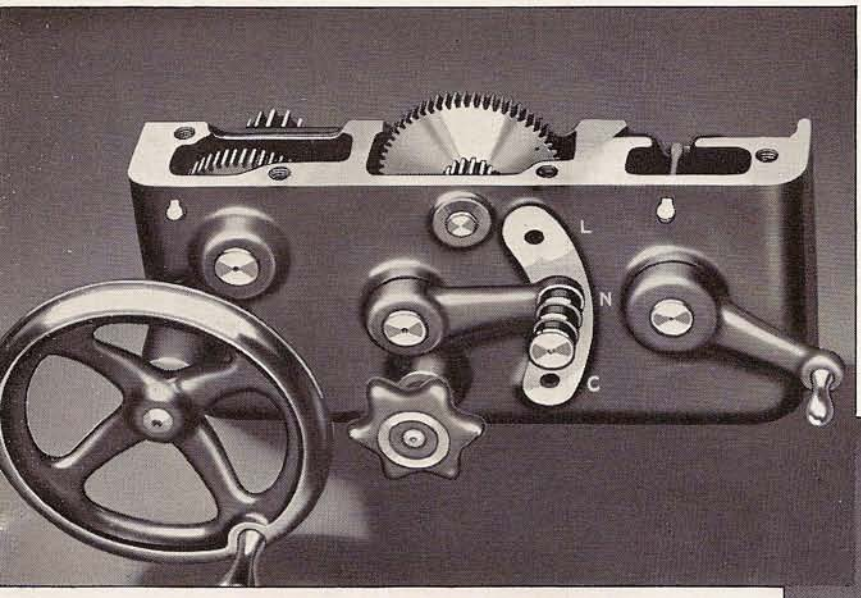
Above. Headstock End of 16-inch Swing Lathe Showing Quick Change Gear Box for Threads and Feeds

16-INCH SOUTH BEND QUICK CHANGE GEAR LATHE

SLIDING GEAR	TOP LEVER	THREADS PER INCH—FEEDS IN THOUSANDTHS									AUTOMATIC CROSS FEED EQUALS .375 TIMES LONGITUDINAL FEED
IN	LEFT	4 .0841	4½ .0748	5 .0673	5½ .0612	5¾ .0585	6 .0561	6½ .0518	7 .0481		
	CENTER	8 .0421	9 .0374	10 .0337	11 .0306	11½ .0293	12 .0280	13 .0259	14 .0240		
	RIGHT	16 .0210	18 .0187	20 .0168	22 .0153	23 .0146	24 .0140	26 .0129	28 .0120		
OUT	LEFT	32 .0105	36 .0093	40 .0084	44 .0076	46 .0073	48 .0070	52 .0065	56 .0060		
	CENTER	64 .0053	72 .0047	80 .0042	88 .0038	92 .0037	96 .0035	104 .0032	112 .0030		
	RIGHT	128 .0026	144 .0023	160 .0021	176 .0019	184 .0018	192 .0017	208 .0016	224 .0015		

Left. Direct Reading Index Chart Showing Threads and Feeds Available Through Quick Change Gear Box on 16-inch Swing Lathe

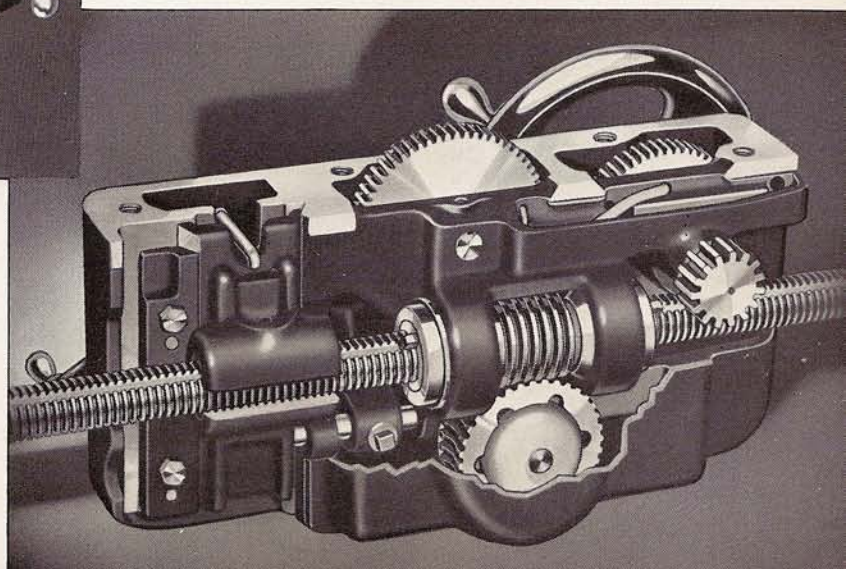
Double Wall Apron Has Multiple Disc Clutch



Above. Front View of Apron Showing Convenient Arrangement of Clutch Knob and Gear Shift Lever for Operating Power Carriage Feeds

The apron has a powerful worm drive and multiple disc friction clutch for operating the power longitudinal feeds and power cross feeds of the carriage. An automatic safety interlock prevents engaging the half nuts when either the power cross feed or power longitudinal feed is in use.

Gears in the apron are made of steel. All gear shafts are rigidly supported on both ends by the box type double wall apron which is cast in one piece. A large oil reservoir and felt wick oiling system assure ample lubrication for the gears, bearings, worm and clutch.



Right. Back View of Apron Showing Rigid One Piece Double Wall Construction. Section Broken Away to Show Multiple Disc Clutch and Worm Drive for Power Carriage Feeds

Attachments, Accessories, and Tools

For 16-inch Swing South Bend Precision Lathes

Description	Cat. No.	Code
Center Gauge	650	Xutje
Center Rest	720	Nyjou
Chucks fitted with threaded chuck plate (Recommended Sizes are shown in **Bold Face**)		
7½"—4-Jaw Independent Lathe Chuck	4207-E	Pamfa
9" —4-Jaw Independent Lathe Chuck	4209-E	Cocet
10" —4-Jaw Independent Lathe Chuck	**4210-E**	**Cocuj**
12" —4-Jaw Independent Lathe Chuck	4212-E	Codik
5" —3-Jaw Universal Lathe Chuck—Medium	3005-E	Cawan
5" —3-Jaw Universal Lathe Chuck	3505-E	Catay
6" —3-Jaw Universal Lathe Chuck	3506-E	Catca
7½"—3-Jaw Universal Lathe Chuck	**3507-E**	**Balat**
9" —3-Jaw Universal Lathe Chuck	3509-E	Bapoj
Chuck Plates, Threaded	1939	Sopig
Clamp Lathe Dogs		
1⅝" maximum opening	160	Laqat
1⅞" maximum opening	161	Laqib
2½" maximum opening	162	Laqoh
3¼" maximum opening	163	Laqun
Collet Attachments		
Hand Wheel Type Draw-in Collet Chuck Attachment with One Collet	4316	Adore
Hand Lever Type Draw-in Collet Chuck Attachment with One Collet	5216	Aster
Extra Collets for round work 1/16" to 1" capacity by 64ths. State size. Each	616	Clear
Collets with 1/64", 1/32" or 3/64" capacity. Specify size wanted. Each	131-E	Punes
Special Collets with Metric and Decimal Hole Sizes. Each	1150-E	Gabun
Collet Rack	1774	Rajuc
Combination Center Drill and Countersink		
1/16" Diameter of Drill	898-A	Xmqib
3/32" Diameter of Drill	898-B	Xnrjc
1/8" Diameter of Drill	898-C	Xoskd
5/32" Diameter of Drill	898-D	Xpoez
Cutter Bits		
Unground High Speed Steel Cutter Bit	1423	Awaei
Set of 6 Unground High Speed Steel Cutter Bits	1633	Ciwar
Ground High Speed Steel Cutter Bit	1316	Amquy
Set of 6 Ground High Speed Steel Cutter Bits	1778	Cirix
Extra Cutter for Straight Cutting-off Tool Holder	879-S	Nedif
Extra Cutter for Right-Hand Cutting-off Tool Holder	879-R	Nedeb
Extra Cutter for Left-Hand Cutting-off Tool Holder	879-L	Nedar
Extra Cutter for Threading Tool	863	Ahqev
Extra Knurl for Knurling Tool	889	Demon
Extra Cutter Bits for Style "B" Boring Tool	457	Hdazt
Double Tool Slide	748	Drain
Electric Grinders		
Ball Bearing Electric Grinder (1-ph. 60-cy. A.C.) for external grinding only	30-G	Tocek
Extra Grinding Wheels	1239-F	Puxat
Special Cup for Cutter Grinding	3236	Lapom
Reamer and Cutter Grinding Stop (traveling)	1362	Macoc
Fixture for Diamond Dresser and Reamer Grinding	19-E	Quirt
Diamond Dresser for above	18	Quaft
Diamond Holding Fixture (tailstock type)	91-F	Kiroz
Diamond Dresser for above	406	Kirwe
Follower Rest	730	Famuf

Description	Cat. No.	Code
Gear Cutting Attachment	264	Helup
Jacobs Hollow Arbor Chuck (1/8" to 5/8")	645	Ceroh
Jacobs Hollow Arbor Chuck (3/16" to 3/4")	646	Cerun
Lathe Centers		
Head Spindle Lathe Center, 60°	725-E	Heyap
Tail Spindle Lathe Center, 60°	726-E	Clase
Screw Center	731-E	Kaden
Crotch Center	728-E	Fomur
Spur Center	732-E	Sitag
Cup Center	733-E	Juvin
Drill Pad	727-E	Dahib
Micrometer Carriage Stop	975	Climb
Milling and Keyway Cutting Attachment	5	Varen
Milling Cutters and Arbors	On	Request
Oil Pump, Reservoir, and Piping (Does not include oil pan)		
Countershaft Driven Floor Leg Lathes	1268	Hixur
Underneath Motor Driven Floor Leg Lathes	1678	Lipeb
Pedestal Motor Driven Floor Leg Lathes	1668	Jusig
Open Side Tool Post		
Open Side Tool Post in lieu of regular tool post	1280	Potax
Open Side Tool Post in addition to regular tool post	1390	Reqic
Pipe Centers		
Taper Shank A and Center B for Pipe ½" to 3"	663-C	Nuxiz
Taper Shank AA and Center D for Pipe 5" to 8"	929-B	Sobul
Pipe Center C for Pipe 3" to 5"	912-C	Xcgyr
Taper Attachment, Telescopic Type	381	Munar
Thread Dial Indicator	816	Aflot
Tool Grinder (Electric) ¼ H.P. Motor 1-ph. 60-cy. 110-V. A.C.	1112	Ligek
Tool Grinder, Eye Shields for	1113	Lihun
Tool Holders		
Tool Holder and Cutter Bit Set	603-E	Civiz
Straight Tool Holder	853-S	Awdpk
Right-Hand Tool Holder	853-R	Amnza
Left-Hand Tool Holder	853-L	Ariuf
Straight Cutting-off Tool Holder	884-S	Akilt
Right-Hand Cutting-off Tool Holder	884-R	Cmolt
Left-Hand Cutting-off Tool Holder	884-L	Alego
Threading Tool Holder	868	Acujq
Knurling Tool Holder	894	Djoma
Style "D" Boring Tool Holder with solid bar	505-D	Pagew
Style "B" Boring Tool Holder with sleeve bar	432	Hdeal
Extra Boring Bar for Style "B" and "D" Boring Tools	3856-D	Bedok
Heavy Duty Boring and Turning Tool Complete	473	Heboz
Heavy Duty Holder Only	3681	Baleg
Heavy Duty Bar Only	2123	Kafih
Tool Rest		
Hand Rest for Wood Turning	1075	Vetix
Turret Attachments		
Hand Feed Bed Turret	416	Flown
Power Feed Bed Turret	1616	Poweq
4-Way Turret Tool Post	5232	Nudip

Chip Pans

Type of Lathe	Cat. No.	6'	7'	8'	10'	12'
For Countershaft and Pedestal Motor Driven Lathes						
Floor Leg	1184	Kejob	Lotex	Memiw	Nemet	Paxer
For Underneath Belt Motor Driven Lathes						
Floor Leg	1991	Kecov	Lepop	Menop	Nenog	Pakey

Oil Pans

Type of Lathe	Cat. No.	6'	7'	8'	10'	12'
For Countershaft and Pedestal Motor Driven Lathes						
Floor Leg	1998	Kowip	Lerot	Mepik	Neyid	Pazes
For Underneath Belt Motor Driven Lathes						
Floor Leg	2024	Kuciz	Liton	Mesiz	Nemix	Penim

Standard Lathe Dogs

Cat. No.	Size	Code Word
2-M	½"	Holep
6-M	1"	Holoz
10-M	1½"	Homaz
12-M	2"	Homon
14-M	2½"	Homut
15-M	3"	Honam
17-M	4"	Honug

Safety Lathe Dogs

Cat. No.	Size	Code Word
2-MH	½"	Kelom
6-MH	1"	Kemam
10-MH	1½"	Kenaz
12-MH	2"	Kenih
14-MH	2½"	Kenom
15-MH	3"	Kenut
17-MH	4"	Keqiw

Jacobs Three-Jaw Drill Chuck

Cat. No.	Capacity Inches	Code Word
1200	0 to 3/8	Cleve
1201	0 to ½	Wauko
1202	3/16 to ¾	Faloa
1206	3/8 to 1	Faped

Almond Three-Jaw Drill Chuck

Cat. No.	Capacity Inches	Code Word
219	0 to 3/8	Acpen
220	0 to ½	Acpip
327	1/8 to ¾	Rulid
328	3/8 to 1	Rulof

Arbor for Fitting Drill Chuck to Lathe Spindle. Cat No. 716.....Agate

SOUTH BEND LATHE WORKS

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