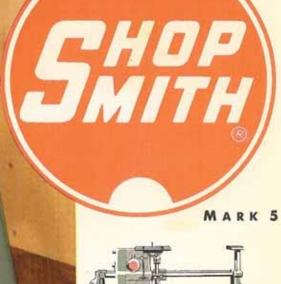


ONE COMPACT UNIT
WITH GREATER
PRECISION
CAPACITY
CONVENIENCE



THE FIRST MODERN POWER WORKSHOP

SHOPSMITH

MARK 5

IN THE BEGINNING individual hand tools were man's only method of changing the form of wood and other materials.



THEN THE MULTI-PURPOSE TOOL was introduced by SHOPSMITH to combine all basic operations in one compact unit.

THE FIRST MODERN POWER

Hand tools, single-purpose power tools and the original SHOPSMITH all served to fill a need. But today there are <u>new</u> and higher standards. Convenience, ease of operation, safety, and modern appearance are the basis for design of everything from airplanes, to appliances, to tools for the home, farm and shop. SHOPSMITH Mark 5 is the <u>first</u> power tool specifically designed to meet these standards! Its appearance makes it a welcome addition to any room in which it's used. It looks easy to operate—and it is! It has precision features to delight the most exacting craftsman. And, it sets new safety standards with completely enclosed belts and pulleys, safety switch, and simple, positive adjustments. See it today, ask for a demonstration of America's first modern power workshop.

NEXT CAME POWER, and individual hand tools were replaced by individual power tools for sawing, sanding, etc.



BUILD YOUR OWN FURNITURE—it's easy and fun with SHOPSMITH Mark St Special features on SHOPSMITH give you greater precision and accuracy . . . make even the most complex jobs simple and quick.

WORKSHOP

FARM, OR SERVICE SHOP



BUILD YOUR OWN HOME—or add a room to your present home. SHOPSMITH's greater capacity for handling big workpieces makes it easy to work with standard construction lumber.



AN IMPORTANT TOOL FOR FARM OR FACTORY—SHOPSMITH
Mark 5 is a complete power workshop wherever it's used!
Rugged construction, versatility, and extra capacity
make SHOPSMITH the ideal tool for farm repairs, home maintenance, or manufacturing.

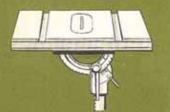


ENJOY THE THRILL OF DOING IT YOURSELF—and you'll be surprised with what you can do right from the beginning. Experts and beginners alike appreciate SHOPSMITH's built-in precision and accuracy!

THE SHOPSMITH PRINCIPLE



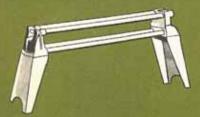
1 SPINDLE . . . The Best



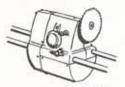
1 TABLE . . . The Best



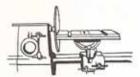
1 MOTOR . . . The Best



1 FRAME . . . The Best



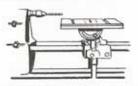
FOR SANDING OR SAWING— Spindle smoothly transmits power to big 12" sanding disc or 9" saw blade. Tapered flat on spindle tip holds disc or blade securely in place.



FOR SANDING OR SAWING— Big 14" x 18%" table with rigid under-table construction supports even the largest workpieces...tills from 0°-90°, has auto-stops at most-used angles.



FOR LATHE TURNING OR HORI-ZONTAL DRILLING—Spindle mounts drive center or Jacobs chuck. Spindle runout is held to less than one thousandth of an inch (.001) with 100% inspection.



FOR HORIZONTAL DRILLING—The same big table can be raised or lowered with rack-and-pinion for hairline accuracy in boring and mortising operations.



FOR VERTICAL DRILLING—The same spindle is used, eliminating costly duplication! Quill feed of spindle is full 41/4" for drilling, sanding and lathe operations.



FOR VERTICAL DRILLING—Large table area needed for sawing and sanding becomes a bonus feature. Fence and miter gauge used with tilling table provide automatic jigging for drilling operations. THE SHOPSMITH PRINCIPLE is the only proved multi-purpose power tool principle.

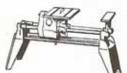
Not a combination of old-fashioned single purpose tools . . . not a saw with one-speed motor promoted as a multi-use tool . . . SHOPSMITH was specifically designed for multi-purpose use.

NO DUPLICATION OF PARTS is fundamental to the SHOPSMITH principle. Four basic elements are common to most power tools: a spindle, a table, a motor, and a frame or bench. The patented SHOPSMITH principle is the means whereby, without duplicating parts, these four basic elements are combined to become a saw, disc sander, lathe, vertical drill press and horizontal drill. Because there is no duplication, SHOPSMITH can provide highest quality materials and workmanship in every part. The result is the best spindle, the best table, the best motor and the best frame!

YOU GET BONUS BENEFITS from the SHOPSMITH principle! SHOPSMITH performs each basic operation in the conventional manner—but features required for one operation become bonus features in another! That's why, for example, SHOPSMITH is the only sander with a quill-fed disc. That's why SHOPSMITH has greater capacity, power and precision than single-purpose tools. That's why you can perform any overall job faster and more accurately with SHOPSMITH than with any other equipment!

WHEN USED IN HORIZONTAL POSITIONS-

Heavy-duty ¾ h.p. motor supplies power for saw, sander, lathe and horizontal drill. Built-in fan keeps temperature down, even during continuous operation.



WHEN SHOPSMITH IS IN VERTICAL POSITION—Balanced design of frame and bench gives same firm support . . . twin-tube column insures greater alignment. Accessory casters provide for easy movement of entire machine.



WHEN SHOPSMITH IS IN HORIZONTAL POSITION

-Rugged construction of frame provides rigid support from end to end. Heavy centerless-ground steel tubing insures perfect alignment of components.





THE FIRST POWER TOOL DESIGNED FOR MODERN LIVING

SHOPSMITH Mark 5 makes any room a workshop! Whether it be basement, rumpus room, utility room, garage or attic . . . SHOPSMITH's modern, compact design and attractive, corrosion-proofed finish permit use and storage in any room. SHOPSMITH's big capacity for handling large workpieces is specifically designed for today's materials! SHOPSMITH as a saw can cut through 2" lumber, even at 45° . . . can cut to the exact center of standard 8' plywood panels with 48" blade-to-fence capacity.

THE FIRST TOOL THAT LETS YOU DIAL YOUR JOB

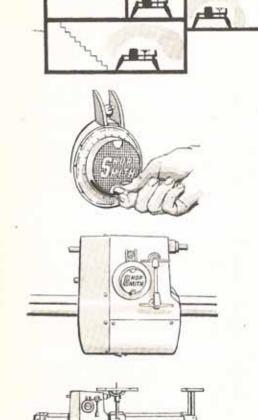
SHOPSMITH Mark 5 has built-in accuracy and precision . . . delights expert craftsmen and makes accurate work possible for anyone. Exclusive Speed-Dial insures correct speed for every job because you simply dial the operation on easy-to-read Speed-Dial! And—you select speeds without time-consuming change of belts or pulleys. There's no guess work or "next-best" speed to spoil accuracy, waste time . . . Speed-Dial gives you infinitely variable selection of speeds from 700-5200 rpml

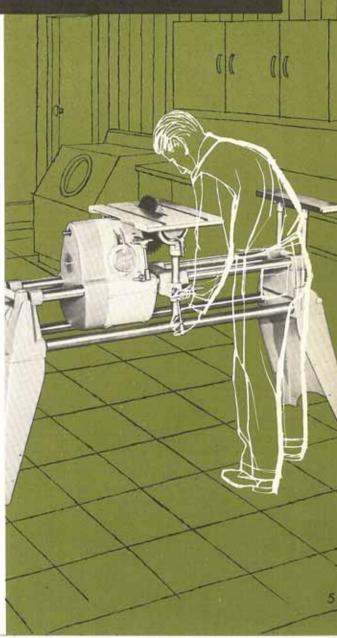
THE FIRST POWER TOOL THAT'S FAMILY-SAFE

SHOPSMITH Mark 5 is the safest of all power tools! Belts and pulleys, dangerous parts of most power tools, are completely enclosed. All handles are labeled for easy identification . . . Safety switch can be quickly flicked off, but not accidentally turned on . . . spindle tip has exclusive reverse-tapered flat that holds tools securely, even if set screw is not fully tightened. Everything has been designed so you can give full attention to cutting tool and workpiece without worrying about other moving parts.

THE FIRST POWER TOOL THAT'S READY TO PLUG IN

SHOPSMITH Mark 5 is delivered complete! There are no hidden extras ... nothing to assemble ... no complicated adjustments to make before your SHOPSMITH is ready to run. Simply plug in and you're ready to work! All major adjustments have been made at the factory. A single Allen wrench is all that's required for attachment of cutting tools and precision settings.





SHOPSMITH MARK 5 FEATURES

INTERESTING FACTS ABOUT SHOPSMITH MARK 5

DESIGN AND ENGINEERING—3 ½ years and over \$500,000 have gone into development of SHOP-SMITH Mark 5. Never before in power tool history has so much engineering, research, testing and tooling been concentrated in production of a single tool!

AUTOMOTIVE-TYPE TOOLING AND PRODUCTION

—Amazing new mass production methods used in production of SHOPSMITH Mark 5 permits higher quality standards—lower costs. Specially-designed automotive-type machine tools do as many as 9 different boring operations at one time on headstock!

QUALITY CONTROL AND INSPECTION—Every SHOPSMITH Mark 5 is inspected and tested under rigid standards after completion. Precision tolerances on such parts as spindles are held to two ten thousandths of an inch (.0002) and runout to less than one thousandth of an inch (.001)!

OWNER SATISFACTION—Over 150,000 SHOP-SMITH owners are proof of value, SHOPSMITHS are used all over the world... by home owners as well as commercial and industrial firms. SHOPSMITH is precision built to build with precision!



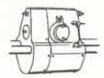
BUILT-IN 3/4 H.P. MOTOR

Heavy-duty 3/4 h.p. motor provides ample power for toughest woodworking operations. Built-in fan permits enclosure of the powerful motor and maintains safe operating temperatures under continuous load.



DUAL-LOCK RIP FENCE

One-knob control aligns fence to blade and locks it on table at both front and rear with a simple twist of the wrist. Rear lock clamps against bottom edge of table to assure maximum rigidity. Depth-of-cut scale engraved on both sides of fence. Set screw in tip fence permits controlled offset for precise edge-finishing with disc sander.



ENCLOSED 3-SPINDLE HEADSTOCK

Headstock has completely enclosed belts, pulleys and motor . . . 2 rear auxiliary spindles provide for quick, easy mounting of major accessories and complimentary tools . . . jointer, jigsaw, sanding discs, drum sanders, honing wheels, wire brushos, etc.



FULL-RANGE EXTENSION TABLE

Extension table is adjustable through full height range . . . has twin-tube mount to fit either end of SHOPSMITH. Opposed-action hand-grip locks give balanced locking action against twin tubes. When placed at headrest end of SHOPSMITH, extension table can be used as auxiliary sander table.



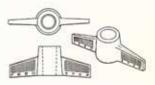
QUILL FEED DEPTH CONTROL DIAL

Dial depth control on 41/4" quill feed is simple and accurate . . . simply turn dial to the setting required and lock . . . no inconvenient stop nuts or rods.



RACK-AND-PINION TABLE AND TOOL REST CONTROL

Rack-and-pinion in carriage controls height of table and tool rest accurately and smoothly. Quick-release lever raises and lowers table and tool rest . . . engages or disengages with simple turn.



EASY-GRIP HANDLES

All handles are quick-acting "butterfly" type, specially designed for comfortable, non-slip grip. Each handle is engraved to describe its function . . . no guessing or mistaking use.



NEW MITER GAUGE

Miter gauge has auto-stops at 45°, 90° and 45° for automatic, accurate positioning at these 3 most-used miter gauge settings. Nylok screws permit precise adjustment of auto-stops—no fussing with tiny lock nuts. Taper-lock set screw in slotted miter gauge bar lets you lock miter gauge in any position in table slots for use as a jig in sanding and drilling. Provision is made for mounting face extension, miter gauge safety grip, and other aids to safe, accurate work.

1 WRENCH CONTROL (not illustrated)

A single Allen wrench is all that is required to make all attachments and adjustments. Provision is made for storing Allen wrench and Jacobs chuck in headrest.

HARD-CHROME RUST PROOFING (not illustrated)

Tubular ways, table rods, extension table and tailstock tubes all have special hard-chrome plating to resist corrosion and insure smooth action. CAPACITY for heavy work is provided by SHOPSMITH's big 9" saw blade . . . its heavy-duty ¾ h.p. motor and sturdy 14" x 18 ¾" table. With fully adjustable extension, the effective table size is 18 ¾" x 56". SHOPSMITH cuts through 2" lumber even at 45° . . . cuts to the precise center of 8' panels by using full 48" between blade and rip fence.

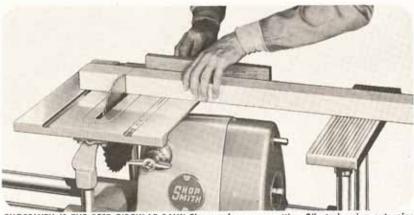
ACCURACY is guaranteed with SHOP-SMITH's simple, precise adjustments for every operation. Miter gauge has autostops at common angles. Self-aligning rip fence locks securely at both front and rear of table with single knob. Scale on fence assures depth-of-cut accuracy, even when saw blades are re-sharpened. Rack-andpinion table raising adjustment gives easy depth-of-cut control. Calibrated trunnion on table has auto-stops at common angles for precise bevel cuts. SHOPSMITH maintains its accuracy because every component has positive locks that hold adjustments through rough or precision work.

TIME is saved with SHOPSMITH, because for every job you have the right tool, the correct adjustment, the best speed, proper work support, extra power, and exclusive features. Quick-change saw arbors, for example, make it possible to change to the right blade in seconds.

EXCLUSIVE FEATURES not available on any other circular saw include: Speed-Dial . . . quill micro-feed of saw blade . . . quick-change saw arbor.

SPECIFICATIONS	
Blade Diameter	9"
Speed	(700-5200 rpm)
Power	% h.p.
Maximum Depth of Cut On 45° Bevel	21/2" 23/6"
Maximum Blade-to-Fence Distance	48"
Table Size With Extension	14"x18%" 18%"x56"
Table Front-to-Blade Distance With Extension Accessory	7" 14"
Miter Gauge Range (both directions)	0°-60° (auto-stops of common angles)
Table Tilt Range	0°-45" (auto-stops at common angles)

SHOPSMITH AS A 9" CIRCULAR SAW



SHOPSMITH IS THE BEST CIRCULAR SAW! Shown above crosscutting 2" stock using extension table on headrest mount.



Making a bevel ripping cut with rip fence on tilted table.



Using SHOPSMITH for molding with Magna Molder accessory mounted on spindle.



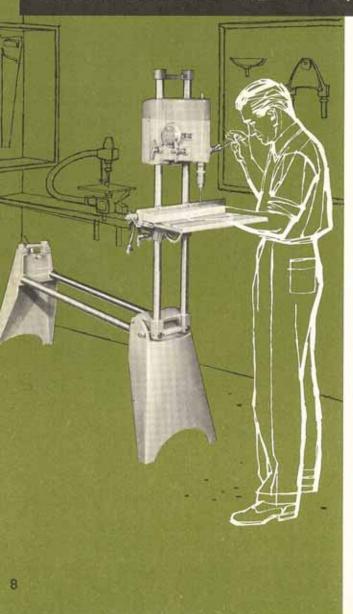
Metal-cutting with SHOPSMITH in saw position. Cutoff wheel mounts quickly and easily on quick-change arbor.

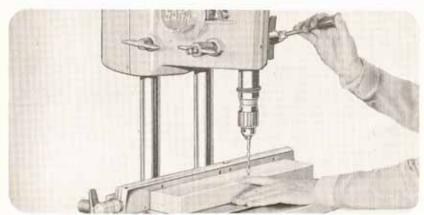


Versatility of SHOPSMITH circular saw is almost unlimited . . . large workpieces are easily handled in vertical position.



SHOPSMITH AS A 16½" VERTICAL DRILL PRESS





SHOPSMITH IS THE BEST VERTICAL DRILL PRESS! Shown above: feeding quill to precise depth using depth control dial . . . rip fence used as jig for repeat operations.



Headrest lock instantly releases headrest for quick, easy change to vertical position.



Precise drilling in cylindrical piece with tilting table and fence forming V-block [ig.



Setting quill feed depth on depth control dial.
"Butterfly" handle locks depth control at desired setting.



Using SHOPSMITH as floor drill press to mortise hole for door lock. Table adjusted to support workpiece.

CAPACITY of SHOPSMITH as a vertical drill press is equal to large industrial drills. SHOPSMITH drills to center of 161/2" circle...has 26" between chuck and table... as floor press, has 58" between chuck and floor.

ACCURACY is the result of rigid construction with 2 heavy centerless-ground steel tubes supporting headstock. Spindle runout is less than one thousandth of an inch (.001). Self-aligning fence and miter gauge both lock on big, tilting table . . . serve as built-in jigs for precision drilling. Depth control dial on 4 ½ " quill feed has positive lock . . . eliminates inconvenience of gauge rod and stop nuts.

TIME is saved on every drilling operation because SHOPSMITH has depth control dial, ready-made jigs, and provides the right speed for every operation without time-consuming belt changes.

EXCLUSIVE FEATURES not available on any other drill press include: readymade jigs [self-aligning fence and miter gauge that lock anywhere in table slots), depth control dial on quill feed, dial speed selection. Forward table feed is available for light milling and fine adjustments.

SPECIFICATIONS		
Capacity	Drills to center of 161/2" circle	
Chuck-to-table	26"	
Chuck-to-floor	58" (without casters)	
Power	3/4 h.p.	
Speed	Variable (700-5200 rpm)	
Quill Feed	41/4"	
Table Size	14" x 18%"	
Table Till	0* - 90*	
Spindle	Stress-proof steel, 6 involute splines, induction-hardened tip with topered flat,	

CAPACITY of the SHOPSMITH lathe is unexcelled. Swing over the ways is 16 1/2". Maximum distance between centers is 34".

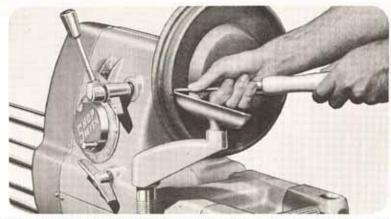
ACCURACY is the result of exclusive design features. The tool rest, equipped with rack-and-pinion height adjustment, slides parallel to workpiece on tubular steel ways that are centerless-ground and hard-chrome plated for precision and easy maintenance. Headstock slides to end of the ways, permitting operator to turn bowls and similar objects from a convenient position facing his work. Cup center eccentric mount permits controlled offset for turning tapers. Stress-proof steel spindle is mounted on lubricated-for-life ball bearings.

TIME is saved because belt changes and operating at the wrong speeds are eliminated by Speed-Dial. You need never turn motor off to change speed. Tool rest always slides parallel to work; does not need constant readjustment.

EXCLUSIVE FEATURES not available on any other wood lathe include: parallel-traveling tool rest with rack-and-pinion height control . . . Speed-Dial for instantaneous speed control . . . movable head-stock for greater convenience in faceplate turning.

SPECIFICATIONS		
Swing over Ways	161/1"	
Distance Between Centers	34"	
Power	¼ h.p.	
Speed .	Variable (700-5200 rpm)	
Ways	Tubular steel, centerless-ground, hard-chrome-plated	
Tool Rest	360° swing of rest and arm. Rock- ond-pinion height adjustment. Always slides parallel to work- piece	
Quill Feed	41/4"	

SHOPSMITH AS A 34" LATHE



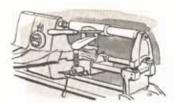
SHOPSMITH IS THE BEST LATHE! Shown above: faceplate turning with headstock at end of ways, permitting you to face work for greater convenience and ease of operation.



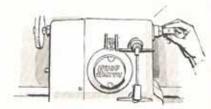
Tool rest always slides parallel to work . . . swings in 360° arc . . . raises or lowers with rack-and-pinion.



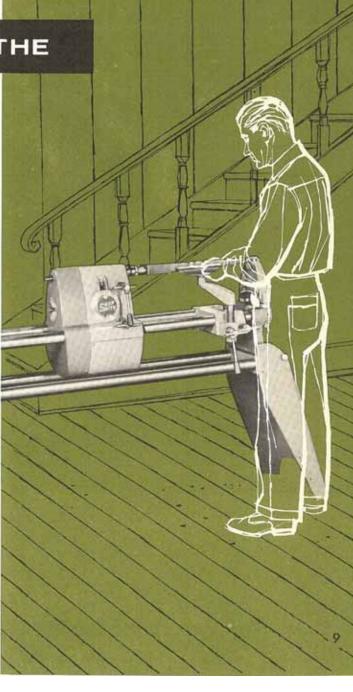
Setting cup center eccentric mount in tailstock with Allen wrench, Eccentric mount offsets cup center up to ½" radius for turning tapers.



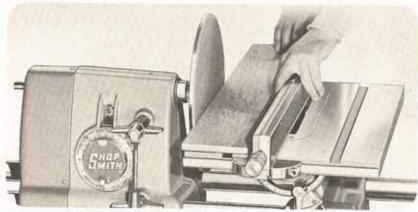
Turning taper with lathe chisel clamped to parallel-traveling tool rest. Adjustable height collars on tailstock assure perfect alignment of centers.



Putting drive center on tapered flat of spindle. Honing wheel on rear auxiliary spindle can be used for sharpening lathe chisels.



SHOPSMITH AS A 12" DISC SANDER



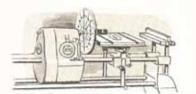
SHOPSMITH IS THE BEST DISC SANDER! Shown above: jainting edge of plywood panel with rip fence offset to guide work into sanding disc . . . the only accurate, easy way to joint plywood.



Compound sanding using miter gauge at 45° and table tilted. 45° undercut of table edge and heavily ribbed sanding disc permit chatterless sanding of beveled edges.

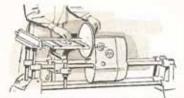


SHOPSMITH converts to a disc sander in seconds with disc that locks on tapered flat of spindle with Allen wrench.



Precise duplication of workpieces is easy on SHOPSMITH with depth control dial and builtin jigs provided by the locking miter gauge and fence.

10



Sanding to length by feeding sanding disc into work . . . the easiest and most accurate method of precision sizing.

CAPACITY of SHOPSMITH as a disc sander exceeds most industrial sanders. 12" disc is powered by ¾ h.p. motor... has 113 square inches of sanding area ... 18¾" x 38½" of effective table area for workpiece support.

ACCURACY is automatic because quill feed of spindle allows sanding disc to be fed into the work with hairline control. Built-in jigs are provided by miter gauge and fence. Rigid, dual-lock fence has offset screw for sanding edges to precise dimensions.

TIME is saved in every sanding operation. Only SHOPSMITH has quick-change sanding disc secured on exclusive tapered flat of spindle by a single set screw. Big 14" x 183% "tilting table has undercut edge for bevel sanding. Built-in jigs, supplied by locking miter gauge and fence, eliminate hours of set-up time . . . save errors that can spoil an entire project. Precise duplication of workpieces is made possible by depth control dial on disc feed . . repeated measurements are eliminated.

EXCLUSIVE FEATURES not available on any other disc sander include: fence with offset screw for finishing edges to precise dimension . . . miter gauge that locks on table . . . quill feed of sanding disc . . . Speed-Dial for infinitely variable speeds.

SPECIFICATIONS	
Disc Size	12" diameter—113 square inches of sanding surface
Forward Disc Feed	41/4**
Power	¾ h.p.
Speed	Variable
Table Size With Extension	14" x 18½" 18%" x 38½"
Table Tilt	0° - 45° (auto-stops at commor angles)
Miter Gauge Range (both directions)	0° - 60° (auto-stops at common angles)

CAPACITY is unequalled by any drill press...length of workpiece is limited only by size of room!

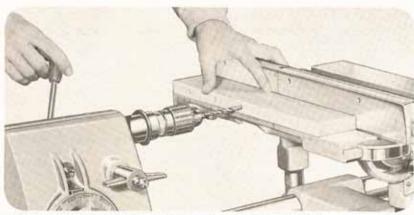
ACCURACY is possible for the first time in many difficult drilling operations with the horizontal drill. Rigid fence support with adjustable table height makes drilling for doweling easy and accurate. Holes drilled in the ends of long workpieces will always be parallel to axis of workpiece. Automatic jigging with table, fence, and miter gauge assures positive matching of holes in doweling operations. Many mortising, routing, and shaping operations are easier and more precise on the horizontal drill.

TIME saved on a single project can frequently amount to many hours. Operations done with ease on the horizontal drill formerly required tedious hand work and extensive jigs.

EXCLUSIVE FEATURES include: depth control dial for drilling to precise depth . . . Speed-Dial . . . rack-and-pinion table raising for hairline settings of drill to workpiece . . . automatic jigging. But—the outstanding feature of the horizontal drill is the tool itself . . . an exclusive feature of SHOPSMITH!

SPECIFICATIONS	
Capacity	Length of workpiece—unlimited
Power	3/4 h.p.
Speed	Variable (700-5200 rpm)
Quill Feed	41/4**
Table Size With Extension	14" x 18%" 18%" x 37"
Table Till	0°-90° with auta-stops at common angles)
Bearings	Steel ball bearings, perma- nently grease-sealed

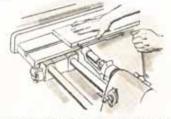
SHOPSMITH AS A HORIZONTAL DRILL



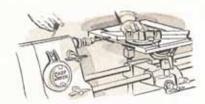
SHOPSMITH GIVES YOU BONUS BENEFITS AS HORIZONTAL DRILL! Shown above: drilling dowel hale in workpiece. Depth control dial on quill feed assures accurate depths every time. Dual-lock fence serves as built-in jig for added support.



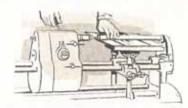
Raising table with rack-and-pinion to exact height calibrated on fence.



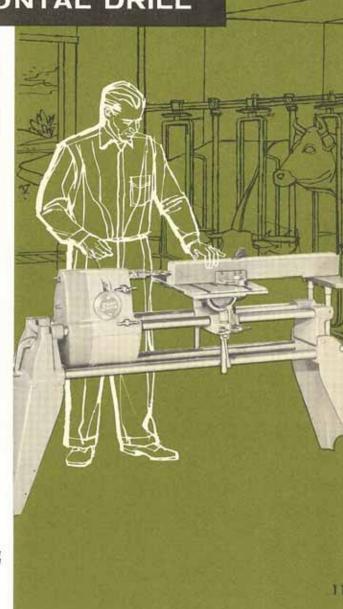
Horizontal martising with SHOPSMITH in horizontal drill position . . . one of many bonus benefits from horizontal drill!

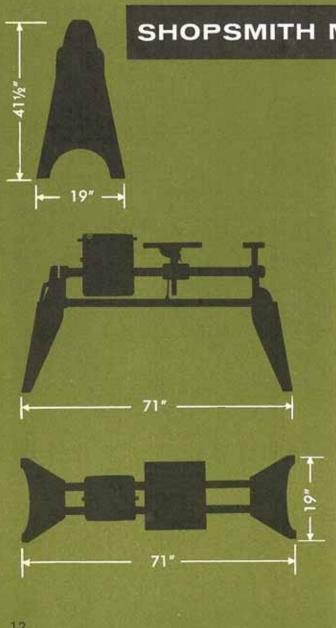


Drilling dowel hole in end of mitered workpiece. Miter gauge set at 45° has positive stop to assure accuracy.



Concentric drilling in horizontal position using tailstock, cup center, and table for support of



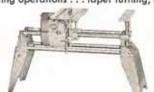


SHOPSMITH MEETS TODAY'S STANDARDS

FOR COMPACTNESS because only 9 square feet are required for storage! SHOPSMITH gives you a complete power workshop in less space than the ordinary workbench...stores in 1/10 the area required for a shop of comparable single-purpose power tools.

Today's living makes maximum use of floor space, and so does SHOPSMITH! Because all standard attachments and major accessories (jointer, jigsaw, etc.) are designed to be stored on the wall near SHOPSMITH, you can make effective use of floor space for actual working area.

FOR CAPACITY because SHOPSMITH is designed to handle today's materials. In selecting a power too, it's wise to determine its capacity... its ability to do the type of woodworking that you will be doing. If you're building a house or adding a room, your power tool should have the capacity to handle the materials you'll be using, such as plywood panels, 2 x 4's, etc. If you're building furniture, your power tool should have the capacity for doweling operations... taper turning, etc.



AS A 9" CIRCULAR SAW—compare SHOPSMITH with any power saw! Compare SHOPSMITH'S 9" blade diameter, its 2½" depth of cut, its big blade-to-fence distance of 48". These capacities mean: you can saw to the precise center of a standard 4' x 8' plywood panel . . . cut a standard 2 x 4 board at 45° . . . crosscut big work of any length with ease . . . all with greater precision and accuracy on your SHOPSMITH!



AS A 34" LATHE-compare SHOP-SMITH with any lathe! Compare SHOP-SMITH'S capacity to turn workpieces 161/2" in diameter and up to 34" in length, its variable speeds for working at the right speed for the job, its movable tool rest that always slides parallel to the workpiece and its calibrated cup center eccentric mount for turning tapers up to 1/2" in radius. These capacities mean: you can turn a table leg, a baseball bat, a fireplace broom, a large lamp base, a salad bowl set . . . you can turn intricate pieces for period or provincial furniture, or simple, tapered pieces for modern, all with greater precision, accuracy and speed on your SHOPSMITH!



AS A 12" DISC SANDER—compare SHOPSMITH with any disc sander! Compare SHOPSMITH's capacity to handle big workpieces with its 12" sanding diameter (with 113 square inches of sanding surface), its exclusive forward feed of the sanding disc, its big 14" x 18%" table. These capacities mean; you can do work impossible on industrial sanders... 'joint' plywood panels up to 3 feet wide... quickly duplicate preci-

sion-sanded pieces . . . do all sanding operations with greater ease, precision and accuracy on your SHOPSMITHI



AS A 161/2" VERTICAL DRILL PRESS—compare SHOPSMITH with any drill press! Compare SHOPSMITH'S capacity to drill to the center of a circle 161/2" in diameter, its 26" chuck-to-table and 58" chuck-to-floor capacities, its 3/4 h.p. motor and variable speeds. These capacities mean: you can handle work beyond the scope of most industrial drill presses. The big tilting table is equipped with locking miter gauge and fence for use as ready-made jigs. You save hours of setup time . . . do better work faster and with greater precision with your SHOPSMITH!



AS A HORIZONTAL DRILL—there's nothing comparable to SHOPSMITH! With SHOPSMITH you get the exclusive benefits of this versatile horizontal drill as a bonus feature!

With your horizontal drill you can drill accurate holes in ends of long workpieces . . . drill accurate dowel holes without complicated setups . . . perform operations impossible on any drill press other than large industrial models!

COMPARE SHOPSMITH WITH ANY POWER TOOL... MORE THAN 150,000 SHOPSMITH OWNERS HAVE PROVED SHOPSMITH'S SUPERIORITY!

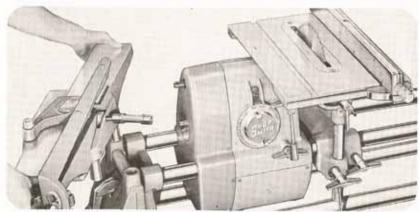
EXCLUSIVE SHOPSMITH POWER MOUNT

POWER MOUNT is another exclusive SHOPSMITH feature. Power Mount is the new "6th Tool" that makes SHOPSMITH an even more complete power workshop . . . it provides for quick, easy addition of jointer, jigsaw, bandsaw, and other important tools.

Power Mount is the combination of: (1) twin-tube mounting holes in the headrest . . . (2) a source of power from the two rear auxiliary spindles . . . and (3) a flexible coupling to transmit power from the rugged 3/4 h.p. motor to the tools on Power Mount.

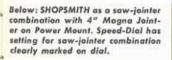
Power Mount also makes it possible for SHOPSMITH Mark 5 to be used for dual operations in such useful combinations as: saw-jointer, jigsaw-disc sander, disc sander-drum sander, etc. With Power Mount you have unlimited versatility . . . save time and effort . . . have greater precision and accuracy!

Power Mount gives you the versatility of a complete power workshop without the disadvantages of hazardous belts or pulleys to change. Adding major tools to



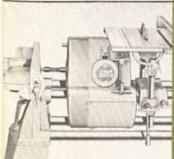
ONLY SHOPSMITH HAS POWER MOUNT! Shown above: adding Magna 4" precision Jointer to Power Mount. Power from 3/4 h.p. SHOPSMITH motor is smoothly transmitted from special high-speed auxiliary spindle through Power Mount Coupling.

your SHOPSMITH is accomplished in seconds, and requires only an Allen wrench for attachment and adjustment. Power Mount gives you all the advantages of infinitely variable speeds (700-5200 rpm) provided by Speed-Dial . . . simply dial the speed you need for jointing, jigsawing, etc.l

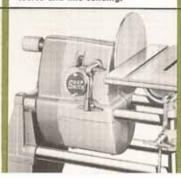


Below: SHOPSMITH as a jigsawdrum sander combination with bigcapacity jigsaw on Power Mount. Proper speed for every operation and material instantly available with Speed-Dial and ¾ h.p., motor. Below: SHOPSMITH as a disc sander-drum sander combination with big 12" sanding disc, and 21/4" drum sander mounted on rear auxiliary spindle. Two disc sanders can also be used in combination for coarse and fine sanding.

Below: SHOPSMITH used for faceplate turning with honing wheel mounted on rear auxiliary spindle for sharpening chisels. Wire brushing-polishing combinations are also possible as dual operations.



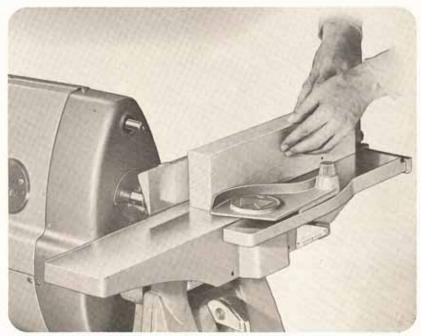








4" MAGNA JOINTER



4" MAGNA JOINTER ON SHOPSMITH. Shown above: Feeding workpiece into Jointer. The 3 Jointer knives are precision-ground . . . are tapered to seat against matching retaining wedges for maximum safety. Method for adjusting height of Jointer knives after sharpening is simple, quick and precise.



One-piece, cast iron fence can be set at most-used angles with adjustable stops.



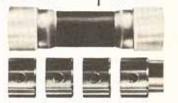
Spring-controlled safety guard has adjustable tension . . . can be used on both sides of fence for jointing or rabbeting.

The 4" Magna Jointer is a valuable addition to any shop. When used on Power Mount it makes SHOPSMITH Mark 5 a precise, big-capacity saw-jointer combination.

The 4" Magna Jointer has extra-long 28" table . . . 4" width of cut . . . and 21/8" rabbeting ledge . . . features that mean bigger capacity and better work. The rigid 21" fence has automatic stops at most-used angles to reduce setup time. Constructed of fine-grain cast iron, the 4" Magna Jointer is designed to meet SHOPSMITH's high standards of accuracy and precision. When used with SHOPSMITH it utilizes added features, such as built-in 3/4 h.p. motor and exclusive Speed-Dial.

Accessory No. 62 000 . . . Price \$49.95

SPECIFICATIONS		
Width of Cut	4"	
Depth of Cut	36-	
Table Length	28*	
Power	1/4 h.p.	
Width of Robbeting Ledge	21/4"	
Dimension of Fence	21" x 3"	



POWER-MOUNT COUPLING KIT

This kit includes all parts needed for operation of Magna Jointer or Jigsaw on SHOPSMITH Mark 5 Power-Mount. Splined hubs attach securely with Allen screws on auxiliary headstock spindles and on drive spindles of Jointer and Jigsaw. Tough nylon sockets at each end of flexible coupling fit over hubs for transmission of power.

Accessory No. 22 001 . . . \$3.95

18" MAGNA JIG SAW

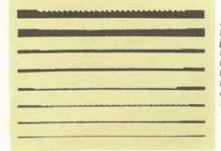
The big 18" Magna Jigsaw is another SHOPSMITH accessory that can be added to SHOPSMITH Mark 5 with Power Mount. It's the best jigsaw value you'll find because it utilizes such costly "built-in" features of your SHOPSMITH Mark 5 as 3/4 h.p. motor and Speed-Dial. This makes it possible to have the right speed for every type of blade and for every material, whether it be wood, plastic, metal, cardboard, etc. Special high-speed drive mechanism runs in continuous oil bath . . . operates smoothly at speeds impossible with conventional jigsaws.

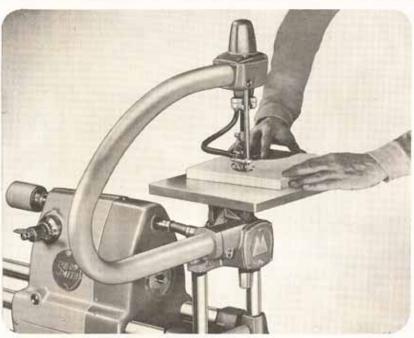
Tubular arm can easily be pivoted to position below table surface for use of jigsaw as a saber saw or filing machine. Chucks index 90° to provide clearance for long workpieces.

Standard equipment includes built-in blower, adjustable blade guide, hold down, and blade tensioning device.

Accessory No. 61 000 . . . Price \$44.95

SPECIFICATIONS		
Capacity	Cuts to center of 36" panel. No size limit as a saber saw.	
Depth-of-Cut	2" as ligsaw—more as sober saw.	
Speed	Variable, to meet operational requirements	
Power	3/4 h.p.	
Toble Size	11" x 11"	
Toble Tilt	00 450	

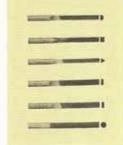




18" MAGNA JIGSAW ON SHOPSMITH. Shown above: Jigsaw on Power Mount, with Drum Sander on front spindle for sanding finished contours of work done on Jigsaw.

JIGSAW BLADES

Eight different types of jigsow blades available for use with wood, plastic and other materials. Blades are oil-hardened tempered steel. Packages of six—from \$.30 to



JIGSAW MACHINE FILES

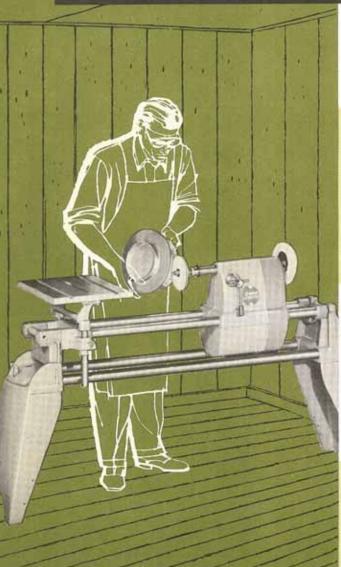
Use your jigsaw as a filing machine. Set includes shapes most needed in shop—triangular, round, square, half-round, pillar and crochet. Files cut on down stroke, thus holding work on table. Use in jig or saber saw position. Set of six.

Accessory No. 12 095, Price \$4.95



*All prices subject to change without notice.

SHOPSMITH ACCESSORIES



SHOPSMITH COVER * Protects SHOPSMITH from moisture, dust, dirt or paint. Boxed-end design no loose, flapping ends. Durable, heavy-duty material.

12 011 . . . \$5.95



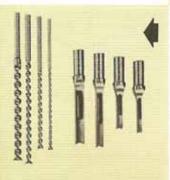
MORTISING ATTACHMENT * Guides chisel and bit for cutting clean, ac-

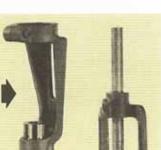
chisel and bit for cutting clean, accurate square holes in soft and hard wood. Rugged, precision-machined cast iron; steel sleeve.

12 151 . . . \$3.95

MORTISING HOLD DOWN • Prevents lifting of workpiece when chisel and bit are withdrawn. Locks quickly on SHOPSMITH fence. Adaptable as jig for other operations.

12 152 . . . \$1.95





SHOPSMITH BOOK . "Power Tool

Woodworking For Everyone," writ-

ten by R. J. De Cristoforo and pub-

lished by McGraw-Hill, is the most

important accessory you can own.

The most complete book on power

woodworking ever published, it in-

cludes all conventional operations

-plus the many possible only on

SHOPSMITH. Three hundred pages,

11 600 . . . \$4.95

MORTISING BITS * Drills out the center as mortising chisel cuts out corners of square holes. Use with mortising chisels of corresponding size. 12 165—1/2"...\$1.95

12 165—¼" ... \$1.95 12 166—¾" ... 1.95 12 167—½" ... 1.95 12 168—¾" ... 1.95

MORTISING CHISELS * Cuts out corners to form square holes. Use with mortising bits of corresponding size.

> 12 160—¼" . . . \$3.50 12 161—¾" . . . 3.50 12 162—½" . . . 3.50 12 163—¾" . . . 3.50



ROUTER BITS * All have 1/2" shanks. Use with 1/2" router chuck.

12 180— $\frac{1}{2}$ " ... \$1.65 12 181— $\frac{1}{2}$ " ... 1.65 12 182— $\frac{1}{2}$ " ... 1.65 12 183— $\frac{1}{2}$ " ... 1.65

ROUTER CHUCK * Use for all operations involving side thrust such as routing, fluting, etc. Takes any attachment with 1/2" shank.

12 193 . . . \$1.25



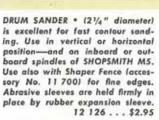
SANDING DISC • Extra quick-change discs, provide right abrasive grit for every job. 12 101 . . . \$3.95

12" SANDPAPER * Replacement sheets with long-wearing garnet abrasive. 12 110 — Assorted; 12 111 — Coarse; 12 112 — Medium; 12 113 — Fine; \$1.75 per package of six.

DISTIC ADHESIVE * Stick-type for application of sandpaper sheets.

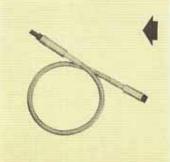
12 104 . . . \$.50

LIQUID ADHESIVE * Pressure-sensitive for application of sandpaper sheets. 12 106 . . . \$.95



DRUM SANDER SLEEVES * Longlasting garnet abrasive. 12 134— Assorted; 12 135—Coarse; 12 136— —Medium; 12 137—Fine; \$1.25 per package of six.





FLEXIBLE SHAFT * Made especially for SHOPSMITH, this Flexible Shaft provides portability for many accessories which fit on SHOPSMITH spindle. Has same topered-flat tip as SHOPSMITH spindle. All steel—complete ball-bearing construction—fitty inches long. Use with Drum Sander, Buffing Wheel, Wire Brushes, Chucks, etc. Mount only on spindle rotating counterclockwise when viewed from front. Never use on SHOPSMITH MS rear spindle.

12 326 . . . \$15.95

All prices subject to change without notice,



RETRACTABLE CASTERS* * Your SHOPSMITH requires even less space with Retractable Casters. Store it against the wall of your garage, shop or basement, and roll it out when you need it. A touch of your foot-the bench rises and is ready to roll. Another touch of your foot-the bench rests solidly on the floor. The complete set includes two pairs of casters to equip both SHOPSMITH Bench Ends-is quickly and easily in-

22 008 . . . \$11.95

LATHE CHISEL SET . This is a special selection of the chisels most commonly used by skilled wood turners. Will perform all standard lathe operations. Chisels are made of finest alloy steel- hold cutting edge longer, Handles are hard rock maple of shape and weight to give chisels perfect balance. Set of five chisels includes: 1" skew, 34" gouge, 1/2" parting tool, 1/2" round nose, 1/4" gouge.

12 301 . . . \$8.95



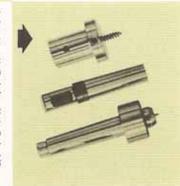
CARBIDE LATHE CHISELS . The tungsten-carbide tips on these Lathe Chisels hold their razor-sharp edges indefinitely. Chisels can be used for freehand turning of soft metals as well as plastics and wood.

12 312-1/a" Square Nose .\$3.95 12 313-1/4" Square Nose . 3.95 12 316-1/a" Round Nose. . 3.95 12 317-1/4" Round Nose. . 3.95 12 311-Set of four14.95

SCREW CENTER . Holds small workpieces on spindle. Mount only on spindle rotating counterclockwise when viewed from front linboard spindle on SHOPSMITH M5).

12 276 . . . \$1.25 TAILSTOCK CHUCK ARBOR . Holds Jacobs chuck and drill on tailstock. Use to drill holes in workpieces being turned on faceplate.

12 281 . . . \$1.25 TAILSTOCK LIVE CUP CENTER . Ball-bearing mounted tip turns with workpiece. Useful for metal spinning, Fits in SHOPSMITH tailstock. 12 282 . . . \$3.25



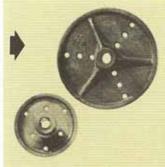


SHOPSMITH ACCESSORIES

LAMP ATTACHMENT . Provides bright illumination directly on workpiece. Attaches to SHOPSMITH or Jigsaw to suit operation to be performed, Includes cord, Key Switch-Outlet Box (accessory No. 22 015) provides convenient power source. 12 013 . . . \$4.95

FACEPLATES . Use for turning bowls, lamp bases, and other workpieces which cannot be supported between centers. Quickly secured on SHOPSMITH spindle, Precision machined. Fine grain cast iron. Use 334" faceplate for work from 4" to 8" in diameter. Use 6" faceplate for work from 7" to 15" in diameter.

12 290-334" ... \$1.95 12 291-6" 2.75



MAGNA-LUBE * Magna-Lube is a special grease for SHOPSMITH drive sleeve, spindle spline and quill rack teeth. Apply only a small amount of grease to quill rack.

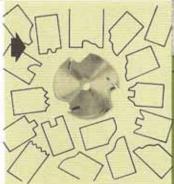
12 048 . . . \$.50 RUST PREVENTIVE SPRAY . Protects exposed iron and steel surfaces against rust-saw blades, drills, faceplates, hand tools, etc. Not to be used on hard-chrome protected surfaces such as SHOPSMITH tubular ways and table rods.

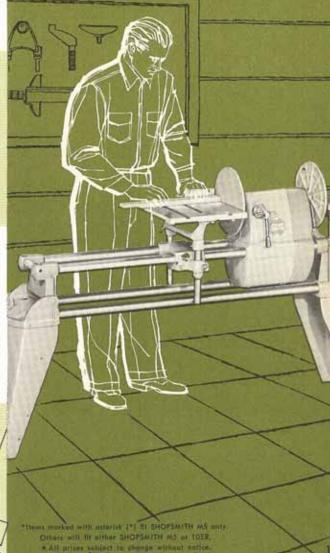
12 049 . . . \$1.45



MAGNA MOLDER . Magna Molder permits molding operations on table saw. Made of quality extruded aluminum. Accurately balanced and machined for smooth, chatter-free operation. Can be secured directly on spindle or mounted on 5/4" arbor. Can also be used on other saws with 3/4" arbors. When using, replace saw-slot table insert with dado-slot table insert.

12 375 . . . \$5.75 MOLDING KNIVES . See the SHOP-SMITH Accessory Catalog for profiles available for use with Magna





SHOPSMITH ACCESSORIES

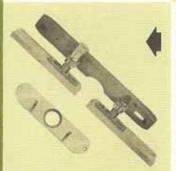
"Items marked with astorick [*] ht SHOPSMITH M5 only.

Others will be either SHOPSMITH At5 as TOER

· All prices subject to abstract without notice.

FRONT TABLE EXTENSION* . Dimension from table front to saw blade is increased to 14" for support of extra-wide workpieces. Attaches anywhere on front of saw table or extension table with single twist of knob.

22 351 . . . \$3.95



SHAPER CUTTERS . Three-lip cutters with 1/2" bore. See Accessory Catalog for profiles available.

SHAPER ADAPTER . Has 1/2" shank for mounting Shaper Cutters on 12 232 . . . \$1.25

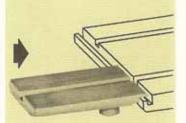
SHAPER COLLARS . Mount on Shaper Adapter to control depth of cut when shaping curved surfaces. Set of four from 25/22" to 1 1/2" outside diameter. 12 235 . . . \$1.45

21/2" JOINTER-CUTTER . Use with



pair of hands.

12 357 . . . \$7.95



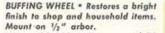
SHAPER FENCE . Use with three-lip Shaper Cutters, 21/2" Jointer-Cutter or Drum Sander for precise shaping or finishing straight edges. Exclusive infeed fence screw adjustment indicates each 1/64". Should always be used with Table Insert-Shaper (accessory No. 22 363).

11 700 . . . \$11.95 TABLE INSERT-SHAPER* . With fulcrum pins removed, use beneath Shaper Fence to accommodate cutters and provide proper support for work. With fulcrum pins in place, use to guide workpiece when shaping or sanding curved surfaces.

22 363 . . . \$1.50



UNIVERSAL HOLD DOWN SET . Universal Hold Down mounts on miter gauge, rip fence or shaper fence. Special clamp included permits mounting on any side of SHOPSMITH table in vertical or horizontal position. Holds work securely against fence and table, thereby keeping hands out of danger zone. Prevents chatter by holding work firmly during shaping, molding and routing operations. So versatile, it's like owning another

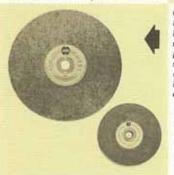


12 330 \$.75 WIRE BRUSHES . Useful for burnishing and removal of rust, paint, burrs, etc. Mount on 1/2" arbor.

12 331-Fine \$1.75 12 332-Coarse . . . 1.75 LAMBSWOOL POLISHERS . For polishing in house and shop, Ideal for silver pieces, brass andirons, etc. 12 347-

Mounts on Sanding Drum . . . \$1.50 12 345-

Mounts on 6" Faceplate 1.50



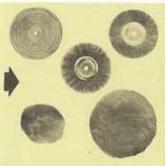
ALLEN WRENCHES . These wrenches fit all set screws used on SHOP-SMITH and accessories.

12 026-16" ... \$.20 12 027—½"20 12 028—½"20

ARBORS . These arbors include special keyed washer which seats in matching slot to prevent loosening regardless of direction in which spindle is rotating. Never use any other arbor for mounting attachments on outboard (Power Mount) spindle of SHOPSMITH Mark 5.

22 030-1/2" . . . \$1.50 22 031-5/4" 1.50





CUT-OFF WHEEL FOR METAL . This 8" abrasive cut-off wheel is used like a saw blade to cut through steel, aluminum, copper, brass, plastics, asbestos, masonite and similar materials. Wear goggles and do not use for operations exerting side pressure on wheel. Mount on %" arbor. 12 067 . . . \$2.95

RUBBER-BONDED ABRASIVE WHEEL An excellent wheel for honing edges of cutting tools. Also useful for polishing and deburring jobs, but should not be used for dimensional grinding, 22 140 . . . \$3.95



pose. Use hollow-ground combination blade for precision mitering and where smooth cut is needed. 8-tooth blade cuts laster and minimizes kickback. Rip and crosscut blades are for operations indicated. 22 051-All Purpose \$3.45 22 053-Hollow Grd. Comb. 5.95 22 056-8-Tooth 3.45 22 055-Rip 3.45 22 054-Crosscut 3,45 11/4" SAW ARBOR* . Required for use with SHOPSMITH 9" blades. An

sible to change blades in seconds. 22 032 . . . \$1.50

18



MAGNA DADO . Cuts grooves and dadoes from 1/2" to 1/8" wide—up to 2" deep. Useful for rabbeting and tenoning. Width of cut is controlled by gear-synchronized hub, adjusted with Allen wrench, Magna Dado is a complete assembly-no floating washers, chippers or shims. Whip is eliminated by heavy 8" blade, 1/2" thick with special tooth design. Fits most saws with 3/4" or 3/4" arbors. Use table insert with I" slot.

12 060 . . . \$14.95

6" DADO BLADE ASSEMBLY . Conventional dado assembly for grooving, rabbeting, tenoning, etc. Includes two 6" blades and four chippers. Width of cut up to 11/16" is adjusted by changing number and thickness of chippers mounted between blades. Use table insert with 1" slot. Mount on 3/4" arbor.

12 063 . . . \$14.95



MITER GAUGE STOP ROD . Serves as jig for crosscutting several workpieces to same length. Fits holes provided in SHOPSMITH miter gauge. Adjustable lengths to 18". Can be used on either side of miter

12 355 . . . \$1.25

MITER GAUGE EXTENSION . This hardwood extension is equipped with knurled studs for quick mounting in slots on SHOPSMITH miter gauge. Provides an extra-large miter gauge face for better control of large workpieces.

12 356 . . . \$1.25





SAW GUARD* . Single unit covers upper and lower portions of saw blade with no limitation on SHOP-SMITH versatility. Upper guard adjusts automatically to thickness of stock; has window for clear view of blade. Lower guard channels sawdust away from operator. Splitter keeps kerf from closing and binding saw blade. Anti-kickback fingers are rubber covered to grip stock firmly without marring sur-

face.

22 370 . . . \$11.95



KEY SWITCH AND OUTLET BOX . This compact unit can be permanently mounted under SHOPSMITH M5 baseplate. Regular headstock switch is used to start and stop motor but key switch renders entire machine inoperative when it is desirable to prevent use by children or other unauthorized persons. Extra electric outlet is useful for other tools, lights, etc. Includes 10' extension cord.

22 015 \$6.95



SHOPSMITH ACCESSORIES

SAFETY GOGGLES . These large goggles permit a wide field of vision while protecting eyes against dust and abrasive particles. Manufactured by a leading maker of safety equipment, they fit snugly and comfortably, even over glasses. 22 372 . . . \$2.45

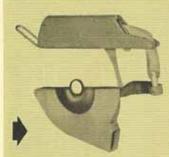


TABLE INSERT-DADO* . All SHOP-SMITH table inserts are pressurecast aluminum alloy, heavily ribbed for strength, Inserts are coined to insure flush fit with table surface. Dado Insert has 1" slot for dado blades or molding knives.

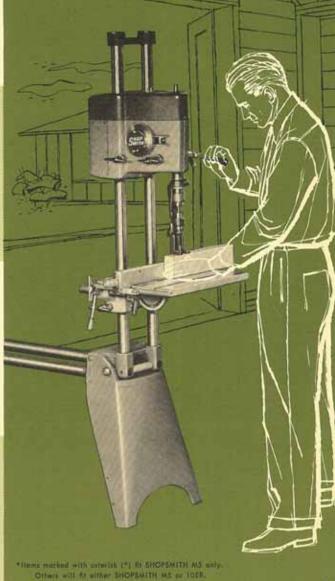
22 360 . . . \$1.25

TABLE INSERT-SAW* · A replacement part for the insert included as standard equipment with SHOP-22 361 . . . \$1.25

TABLE INSERT-NO SLOT* . For use when a solid table is desiredas in some drill press work.

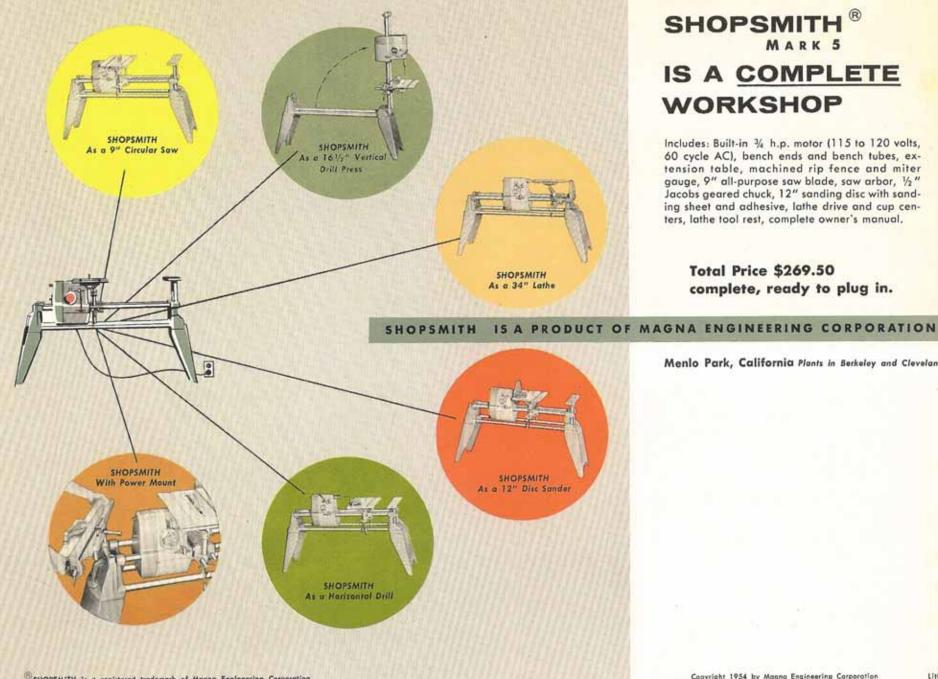
22 362 . . . \$1.25





· All prices subject to change without notice.

19



SHOPSMITH® MARK 5 IS A COMPLETE WORKSHOP

Includes: Built-in 3/4 h.p. motor (115 to 120 volts, 60 cycle AC), bench ends and bench tubes, extension table, machined rip fence and miter gauge, 9" all-purpose saw blade, saw arbor, 1/2" Jacobs geared chuck, 12" sanding disc with sanding sheet and adhesive, lathe drive and cup centers, lathe tool rest, complete owner's manual.

Total Price \$269.50 complete, ready to plug in.

Menlo Park, California Plants in Berkeley and Cleveland

9575 854



Magna Engineering Corporation

Manufacturers of Shapsmith . Menlo Park, California . Phone: DAvenport 3-3191

Dear Sir:

In reply to your inquiry we are pleased to provide our catalog and other useful information about new SHOPSMITH Mark 5, first modern power workshop.

used. It looks easy to operate -- and it is. It is features to delight the most exacting craftsmans to tools for the home, farm, and shop. SHOPSHITH Mark 5 is the from tool specifically designed to meet these standards. Its appearance makes it a welcome addition to any room in which it is safety standards with completely enclosed belts and pulleys, safety Convenience, ease of operation, safety, now the basis for design of everything switch, and simple, positive adjustments. from airplanes and appliances and modern appearance are It has precision And, it sets new the first

Dial and Power Mount are completely new in the power tool field, and must be seen to be believed. We want you to compare the fine-tool quality of SHOPSHITH Mark 5 with any tool or group of tools on the market. Any of the stores on the enclosed list will be pleased to demonstrate new SHOPSHITH Mark 5 for you. quite frankly, a sound decision on the merits only be made if you have seen it demonstrated, We welcome the opportunity to invite you to a demonstration because, quite frankly, a sound decision on the merits of a power tool can Features Like Speed-

Very truly yours,

MAGNA ENGINSERING CORPORATIO

President

Robert L. Chambers Enclosure