PARKS

- PLANERS
- PLANER and JOINTER COMBINATIONS
- BAND SAWS, WOOD CUTTING
- BAND SAWS, METAL and WOOD CUTTING
- RADIAL SAWS—Nine to Sixteen Inch

THE PARKS WOODWORKING MACHINE CO.
1501 KNOWLTON STREET
CINCINNATI 23, OHIO

Manufacturers of Quality Machines Since 1887
The PARKS Model RA-114 RADIAL SAW

The PARKS Model RA-116 RADIAL SAW
THE PARKS RA-114 14" RADIAL SAW
A precision-built, sturdy, 3 H. P. Radial Saw with 14-inch blade.

SPECIFICATIONS

- Maximum depth of cut: 4 1/8"
- Cross cutting capacity: 12 1/2"
- Ripping capacity: 28 7/8"
- Height, with legs: 66"
- Table Size: 25" x 42"
- Angle of cut range: 0° to 90°
- Maximum arbor tilt: 90°
- Approximate arbor speed: 3450 R.P.M.
- Net weight: 335 lbs.
- Motor: 3 H.P. – 3450 R.P.M. – 3 phase, 220/440 volts,
  60 cycle A.C.

THE PARKS RA-116 16" RADIAL SAW
A powerful 5 H. P. Radial Saw with 16-inch blade.

SPECIFICATIONS

- Maximum depth of cut: 5 1/8"
- Cross cutting capacity: 11 1/2"
- Ripping capacity: 28 7/8"
- Height, with legs: 66"
- Table size: 25" x 42"
- Angle of cut range: 0° to 90°
- Maximum arbor tilt: 90°
- Approximate arbor speed: 3450 R.P.M.
- Net weight: 347 lbs.
- Motor: 5 H.P. – 3450 R.P.M. – 3 phase, 220/440 volts,
  60 cycle A.C.

With either of these Parks Radial Saws you can rip, cross cut, miter, compound
miter, rabbet, tenon, bevel cut, plough, dado, sand, and even shape when proper
cutters are used.

THE PARKS WOODWORKING MACHINE COMPANY
CINCINNATI 23, OHIO

Manufacturers of Quality Woodworking Machines Since 1887
PARKS
Model FA-190
FOLDING ARM
RADIAL SAW

A Modern, Flexible, Multi-Purpose WOODWORKER for 101 Uses
ACCURATE - RUGGED - ECONOMICAL
Only the PARKS FA-190 RADIAL SAW has the Exclusive FOLDING ARM for Complete Flexibility.

For Cross-Cutting (Straight or Bevel) • Ripping-(Straight or Bevel) • Ploughing • Shaping • Tenoning
• Mitering • Routing • Cut-Off Sawing
Sanding • Drilling • Dadoing
PARKS Models RA-110 and RA-112 RADIAL SAWS

PARKS 10-inch and 12-inch Radial Saws
Here are two amazingly versatile woodworkers. With either Parks machine you can crosscut, rip, miter, compound miter, rabbit, tenon, bevel cut, plough, dado, sand, and even shape when proper cutters are used. No bench saw, or swing saw can perform so many woodworking operations...he moved so easily to so many positions...operate so easily...or cut so accurately. Most of all you'll appreciate how these Parks Radial Saws save you money on overhead and speed up production.

Specifications

Parks RA-110 10-inch Radial Saw
- Maximum depth of cut 2 1/2" 
- Cross cutting capacity 15" — 1" stock
- Ripping capacity 23 1/2" 
- Height with legs 62 3/4" 
- Table Size 21 x 42" 
- Weight Net 291 lbs.
- Motor 1 H.P.—3450 RPM 1 Phase 115-230 volts, 60 cycle A.C.
- Also available in 3 Pts.

Parks RA-112 12-inch Radial Saw
- Maximum depth of cut 3 1/2" 
- Maximum cross cut 16" — 1" stock
- Ripping capacity 28 1/2" 
- Height 62 3/4" 
- Table Size 21 x 42" 
- Weight Net 313 lbs.
- Motor 2 H.P.—3450 RPM 1 Phase 115-230 volts 60 cycle A.C.
- Also available in 3 Pts.

THE PARKS WOODWORKING MACHINE COMPANY
1501 KNOWLTON STREET, CINCINNATI 23, OHIO
An All-Purpose Woodworker That Performs A Dozen Jobs AND DOES THEM ALL WELL!

THE PARKS FA-190 FOLDING ARM RADIAL SAW

Out of the experience gained in the manufacture of precision woodworking machines since 1887, Parks has developed one of the most useful woodworkers on the market. It is this sensational new Model FA-190 Radial Saw with the exclusive folding arm and the more powerful, heavy-duty motor.

Unlike the conventional radial saw with its rigid arm that limits the range of woodworking operations, the Parks FA-190 has a folding arm that permits extreme flexibility and greater reach over the entire work table. That is why you can perform such a wide variety of operations with the Parks FA-190. In addition to the basic radial saw operations of crosscutting, ripping, beveling, and mitering, etc., you can use the Parks FA-190 to do dadoing, tenoning, shaping, sanding, drilling, and many other jobs where circular cutting tools are employed.

One outstanding feature of the Parks FA-190 is its extraordinary reach and flexibility for involved or intricate routing operations.

If you want a woodworker that combines the range of operations of a shopful of individual machines, and the accuracy and the rugged construction of mill equipment, you'll find it in this versatile Parks FA-190—a floor model radial saw at bench model price.

Check the features and specifications of the PARKS FA-190 RADIAL SAW and you'll be convinced that this is the ideal machine for your shop.

**SPECIFICATIONS**

Motor Rating .................. 3/4 h.p., single-phase, 3450 r.p.m.
Saw Blade ...................... 9" diameter, 3/8" bore
Cross Cut Capacity—1 1/8" stock ..................... 15"
Max. Ripping Capacity 25 3/4" or center of 48" panel
Dado Capacity (with 6" dado) ...................... 1 1/8" wide
Maximum depth of cut .................... 2 1/2" with 9" blade

Bevel crosscut or rip ...................... 1 1/2"
Table Size ...................... 32" x 24 3/4" x 1 1/4"
Height (with stand and shelf) ................... 50 1/2"
Shipping Weight—with legs ..................... 229 lbs.
Working Height (with stand) ..................... 34 1/2"
Bevel Stops ...................... 0°, 45°, 90°
Miter Stops ...................... 0° and 45°, right and left

The Parks Model FA-190 comes complete with 3/4 h.p. single-phase motor and power cord, one 9" combination blade, one arbor wrench, one arbor nut wrench, and one parts and operation instruction manual.

SANDING

TENONING

ROUTING

www.OzarkToolManuals.com
Why invest your money in a battery of woodworking machines, when you can do practically everything you want or need to do with a Parks FA-190 Radial Saw?

Look at the illustrations on this page showing some of the operations that can be performed with this versatile, all-purpose Parks saw. You can cross-cut (straight or bevel), rip, (straight or bevel), cut-off saw, plough, shape, dado, drill, sand, tenon, or rout—and do all of these jobs accurately and safely.

What's more the Parks FA-190 is easy to set up, easy to operate, and is ruggedly built to give you years of satisfactory service.

And remember, you'll save twice when you buy a PARKS FA-190 RADIAL SAW! You save on original investment and you save on operating cost, installation and wiring—by buying one all-purpose woodworker "the PARKS FA-190"
The unusual versatility of the Parks FA-190 Radial Saw is due not only to the flexibility of its folding arm but also to the swiveling action of the saw unit which can be set for any desired cutting angle. You can do straight or bevel cross-cutting and ripping with quick, simple adjustments. Then, within seconds, you can switch to mitering, or tenoning with equal ease. By changing attachments and tools the Parks FA-190 can be converted to do drilling, shaping, sanding, routing, dadoing or ploughing—all at any angle desired.

There is practically no limit to the range of woodworking operations you can do with the Parks FA-190 Radial Saw. Once you install it in your shop you'll discover that almost every woodworking job you tackle can be done on your Parks FA-190—and can be done faster, more accurately, and more economically than with a whole roomful of individual machines.
THE PARKS M-2 18" BAND SAW

FOR CUTTING

A UNIVERSAL BAND SAWING MACHINE

METALS • WOOD • PLASTICS • ALLOYS

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The M-2 Band Saw is a rugged, precision-built machine that will cut any materials you work—metals, alloys, plastics, or wood—at the speed best suited for that material... from 50 to 350 and from 700 to 4200 blade feet per minute. Low in first cost and operating expense—modern in design—compact in size—and universal in its cutting applications, the Parks M-2 18" Band Saw has a definite place in large and small shops of all kinds. It is a product of a company with an outstanding reputation in the manufacture of high quality, precision-built machines since 1887.

SPECIFICATIONS

CAPACITY UNDER GUIDE = 12"
TABLE HEIGHT FROM FLOOR = 39"

SPEEDS
Dual Range, fully variable with handwheel control in the ranges from 50 to 350, and from 700 to 4200 blade feet per minute.

TABLE
Extra size 24" x 20" well-ribbed cast iron precision ground for accurate work. Table tilts from 5° to left, to 45° to right, and is equipped with protractor scale. Locks in any desired position. Table is equipped with two miter gauge slots and machined for attachment of the Ripping Fence accessory.

GRADUATED MITER GAUGE
Included as standard equipment. Is adjustable from 0° to 45° and may be used on either inboard or outboard side of blade.

BLADE
1/8" flexible back, hard-edge metal cutting blade for contour sawing included. Other widths up to 1" available. Blade length 132".

BLADE GUIDES
Both upper and lower metal cutting guides consist of hardened side-thrust guide blocks and hardened ball bearing supported thrust guide rollers.

BLADE ADJUSTMENT
Knobs for tensioning and tracking adjustments conveniently located on upper band saw wheel housing.

FRAME
Heavy fabricated steel designed for strength and rigidity.

WHEELS
18" diameter by 1 1/4" face width. Wheels carefully balanced and trued. Upper wheel carried on heavy shock absorbing spring mounting.

WHEEL BEARINGS
Upper and lower wheel shafts supported on heavy duty sealed ball bearings.

DRIVE
Entirely enclosed in cabinet. V-belt from motor through variable speed pulley to Dual Range gear box. Convenient hand wheel and speed indicator scale for adjusting speeds within each range. Gear box completely enclosed.

SWITCH
Single phase safety push button flush mounted type standard equipment. Push button station for 3 phase available in lieu of above when specified.

MOTOR
Standard 1725 rpm motors up to 1 H.P. may be used.

OVERALL HEIGHT = 72 1/4"

SHIPPING WEIGHT less motor and accessories: 500 lbs.

Ripping fence, work light, and blade welder are available as accessories. Miter gauge is supplied with the machine.
The Parks No. 2 18" Band Saw is a low-priced, efficient, heavy-duty machine, designed for accurate, high-production work in all types of woodworking plants. It is especially suited to school shops, cabinet shops, pattern shops, etc., where large capacity, and fast, efficient, economical operation are important.

The Parks No. 2 is a product of a company that has been engaged in the manufacture of highest quality, precision built woodworking machines since 1887. The fact that Parks machines have been used in practically every country in the world for nearly three-quarters of a century, testifies to the quality, dependability, and long service of Parks woodworking equipment.

The Parks No. 2 18" Band Saw is fully enclosed in a heavy welded steel cabinet for complete safety. Both upper and lower wheels and motor are quickly accessible by means of hinged doors which swing out of the way for easy servicing. Heavy-duty ball bearing, upper and lower saw blade guides insure accuracy and guard against blade breakage. Large 18" x 20" table can be tilted to 45° angle. Maximum depth of cut under the blade is 12½" and guard can be adjusted according to the thickness of the material being worked.

All bearings are Heavy-Duty Ball Bearings. If your band saw requirements call for a machine that can give accurate and high-speed production at low cost, you will find the Parks No. 2 18" Band Saw ideal for your needs.

**SPECIFICATIONS**

1. **FRAME**
   Heavy Fabricated Sheet Metal.

2. **TABLE**
   18" x 20"; tilts from 0° to 45°.

3. **CAPACITY**
   Under Guide—12½".

4. **WHEELS**
   18" Diameter.

5. **CUTTING SPEED**
   3,500 feet per minute.

6. **HEIGHT**
   From Floor to Table Top—39".

7. **FLOOR SPACE REQUIRED**
   23" x 32".

8. **OVERALL HEIGHT**
   6' 2½".

9. **POWER REQUIRED**
   1 H.P.

10. **NET WEIGHT**—360 lbs.

11. **SHIPPING WEIGHT**—430 lbs.

All bearings are Heavy-Duty Ball Bearings.
PARKS 12" THICKNESS PLANER and 12" JOINTER Combination

Two Machines in ONE!

THE PARKS WOODWORKING MACHINE COMPANY
1601 KNOWLTON STREET, CINCINNATI 23, OHIO
Manufacturers of Quality Woodworking Machines
**SPECIFICATIONS**

**12" JOINTER**

For the shop which required both a planer and jointer, this new Parks combination machine offers a considerable saving in shop investment, since both the planer and jointer are operated by one motor. Moreover, the additional cost of the 12" Jointer unit over the cost of the Standard Parks 12" Planer is approximately one-tenth of the lowest priced 12" Jointer on the market.

This Jointer unit is complete with knife guard and material guard.

*Capacity*: Will handle material up to 12" wide. Maximum cut is \( \frac{3}{8} \)".

*Tables*: Both tables are adjustable for depth of cut and are made of gray iron casting with finished ground surface. Overall length of table is 33", width is 12".

*Tilting fence* is included for bevel cutting. Fence tilts 45°.

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**12" PLANER**

*Capacity*: Will plane material up to 12 inches wide by 4 inches thick. Maximum cut, \( \frac{1}{2} \) inch. Will take pieces as short as 6 inches and as thin as \( \frac{1}{4} \) inch.

*Table*: One-piece casting, heavy ribbed, accurately planed, is fitted to main pedestal by true machined ways. Adjustment is made with conveniently located hand wheel. Gibs are provided to assure accurate alignment of table to head.

*Feed Rolls*: Are machined from solid bar steel. Front infeed roll is fluted to insure positive feed. Rear feed roll is machined and turned smooth. Both rolls are 1\( \frac{1}{4} \) inches in diameter. Pressure rolls are equipped with compression springs, conveniently adjusted.

*Bearings*: Are heavy duty ball bearings, equipped withernalight fittings.

*Cutter Head*: Is turned and machined from solid bar steel. This safety type blade is 3\( \frac{1}{4} \) inches diameter, fitted with three high speed knives. To get best results, we recommend a speed of 4,000 R.P.M. which will give 12,000 cuts per minute. At 4,000 R.P.M., material feeds at the rate of 16 feet per minute.

*Frame*: Is furnished with graduated scale to determine the depth of cut.

*Power required*: 1 to 2 H.P.
PARKS
HEAVY DUTY THICKNESS PLANER

COMPACT • STURDY • LOW PRICED

www.OzarkToolManuals.com
Specifications

MODEL No. 95

Frame is constructed of heavy, well ribbed, cast iron. Base dimensions, 22 by 14 inches. Height overall, 22 inches.

Capacity: Will plane material up to 12 inches wide by 4 inches thick. Maximum cut, \( \frac{1}{8} \) inch. Will take pieces as short as 6 inches and as thin as \( \frac{1}{16} \) inch.

Table is one-piece casting, heavy ribbed, accurately planed. Is fitted to main pedestal by true machined ways. Adjustment is made with conveniently located hand wheel. Gibs are provided to assure accurate alignment of table to head.

Feed Rolls are machined from solid bar steel. Front index roll is fluted to insure positive feed. Rear feed roll is machined and turned smooth. Both rolls are 1\( \frac{3}{4} \) inches in diameter. Pressure rolls are equipped with compression springs, conveniently adjusted.

Bearings are heavy duty ball bearings, equipped with alemit fitting.

Cutter Head is turned and machined from solid bar steel. This safety type head 3\( \frac{3}{4} \) inches diameter, fitted with three high speed knives. To get best results, we recommend a speed of 4,000 R.P.M. which will give 12,000 cuts per minute. At 4,000 R.P.M., material feeds at the rate of 16 feet per minute.

Chip Breaker and pressure bar completely guard the head and feed rolls and are easily removed for accessibility to all working parts.

Frame is furnished with graduated scale to determine the depth of cut.

Power Required: \( \frac{1}{2} \) to 2 H.P.

Weight: Without motor, 220 pounds. Shipping weight, 265 pounds.
Offers Every Shop Mill Planer Precision and Ruggedness at a Sensationally LOW PRICE

When we originally designed the PARKS Heavy Duty 12" x 4" Planer, experienced woodworking machine men told us we could never do it. "Nobody," they said, "can build a bench planer that will turn out work with the precision and accuracy of mill planers and sell it at such a low price."

But years of quality woodworking machine manufacture had taught us better. We knew that anything can be done when you have the equipment, and experienced workmen to do it, and we had these in the PARKS plant.

The fact that more than 30,000 PARKS Heavy Duty 12" x 4" Planers are now in use is proof of our conviction. And the chief reason for the outstanding success of the PARKS Planer is the fact that it incorporates the precision features of some of the finest and most expensive mill Planers... and yet is priced so low that every shop, large or small, can afford to own one.

Check the features and specifications of the PARKS Planer and convince yourself that here at last is the ideal Planer for your shop.

TABLE ROLLS

These rolls, so necessary for accurate work, are usually found only on heavy mill Planers.

CUTTER HEAD

Cutter head is turned and machined from solid bar steel. This safety type head 3/4" diameter, is fitted with three high speed knives. To get best results, we recommend a speed of 4,000 R.P.M. which will give 12,000 cuts per minute. At 4,000 R.P.M., material feeds at the rate of 16 feet per minute.

POSITIVE DRIVE GEARS

Feed rolls are all driven by hardened steel gears of the type used on heavy cabinet Planers. This positive drive method prevents any slippage of material.

OPEN END BASE

Opening in base of PARKS Planer allows for ease in cleaning out shavings or adjusting motor.
4-Inch THICKNESS PLANER

MODEL No. 96
DIRECT MOTOR DRIVE
In addition to the conventional pulley drive with rear motor or motor-in-base connection, every PARKS Planer is machined for easy installation of directly connected motor drive.

MODEL No. 97

A REAL HEAVY DUTY MACHINE THAT PAYS FOR ITSELF IN SAVINGS
A surprising range of work can be done with the PARKS Planer, as its sturdy, precision construction assures exceptional accuracy on the finest type of cabinet and pattern shop planing.
In the average shop the salvage of old material alone will go a long way toward paying the initial cost and low upkeep of the PARKS Heavy Duty 12" Planer.
Large industrial woodworkers find the PARKS Planer extremely economical for turning out small work and for salvaging for use short, thin and otherwise waste stock that larger Planers cannot handle.

Every PARKS Planer is completely ball bearing equipped throughout and is of heavy cast iron construction with a heavy fabricated steel base. It is sold with the assurance that unless it proves satisfactory in use, after ten days' trial, it can be returned at no expense to you. This has been our trial offer policy for over a period of fifty years.

CO., 1546 KNOWLTON ST., CINCINNATI, OHIO
For nearly three-quarters of a century, Parks has manufactured reliable woodworking machinery for portable or shop use, which has given complete satisfaction to our many thousands of customers located in almost every section of the United States, as well as in Canada and many foreign countries. Here are a few of these thousands of Parks users:

Akron Novelty & Wood Carving .................................................. Akron, Ohio
Badger Pattern Works .................................................. Beloit, Wisconsin
Beatrice High School .................................................. Beatrice, Alabama
Brubaker Planing Mill .................................................. Lancaster, Pennsylvania
Brunswick Pulp & Paper Co. .................................................. Brunswick, Georgia
Carolina Builders Corp. .................................................. Raleigh, North Carolina
Central Islip State Hospital .................................................. Central Islip, New York
Cincinnati Shaper Co. .................................................. Cincinnati, Ohio
E. J. Clay & Son Lumber Co. .................................................. Bowling Green, Kentucky
Cloquet High School .................................................. Cloquet, Minnesota
Duchesne School District .................................................. Duchesne, Utah
E. I. DuPont & Co. .................................................. Wilmington, Delaware
Ford Motor Co. .................................................. Edgewater, New Jersey
General Electric Co. .................................................. Richland, Washington
Gulf Oil Co. .................................................. Pittsburgh, Pennsylvania
Hercules Powder Co. .................................................. Bessemer, Alabama
Interchemical Corp. .................................................. Cincinnati, Ohio
Kaiser Metal Products, Inc. .................................................. Bristol, Pennsylvania
Kenwood Senior High School .................................................. Baltimore, Maryland
Klusken's Carpenter Shop .................................................. Iron Mountain, Michigan
Ludlow High School .................................................. Ludlow, Kentucky
Madison Elementary School .................................................. Phoenix, Arizona
Mariemont High School .................................................. Mariemont, Ohio
McKenzie Boat Co. .................................................. McKenzie, Tennessee
Mt. Carmel Sand and Gravel Co. .................................................. Mt. Carmel, Illinois
St. Croix High School .................................................. Woodland, Maine
Standard Oil Co. .................................................. New Jersey
Swift & Co. .................................................. Chicago, Illinois
Sylvania Electric Products .................................................. Tonawanda, New York
U. S. Army .................................................. Washington, D. C.
U. S. Navy Dept. .................................................. Washington, D. C.
U. S. Treasury Dept. .................................................. Washington, D. C.
University of Illinois .................................................. Urbana, Illinois
Washington High School .................................................. Washington, Indiana
Willard Jr. High School .................................................. Santa Ana, California

**Parks Guarantee**

Should any part of any of our machines prove defective in material or workmanship within one year from date of purchase, we will replace said part tree of charge.

THE PARKS WOODWORKING MACHINE CO.
CINCINNATI, OHIO

SEND POST CARD FOR COMPLETE PARKS CATALOG