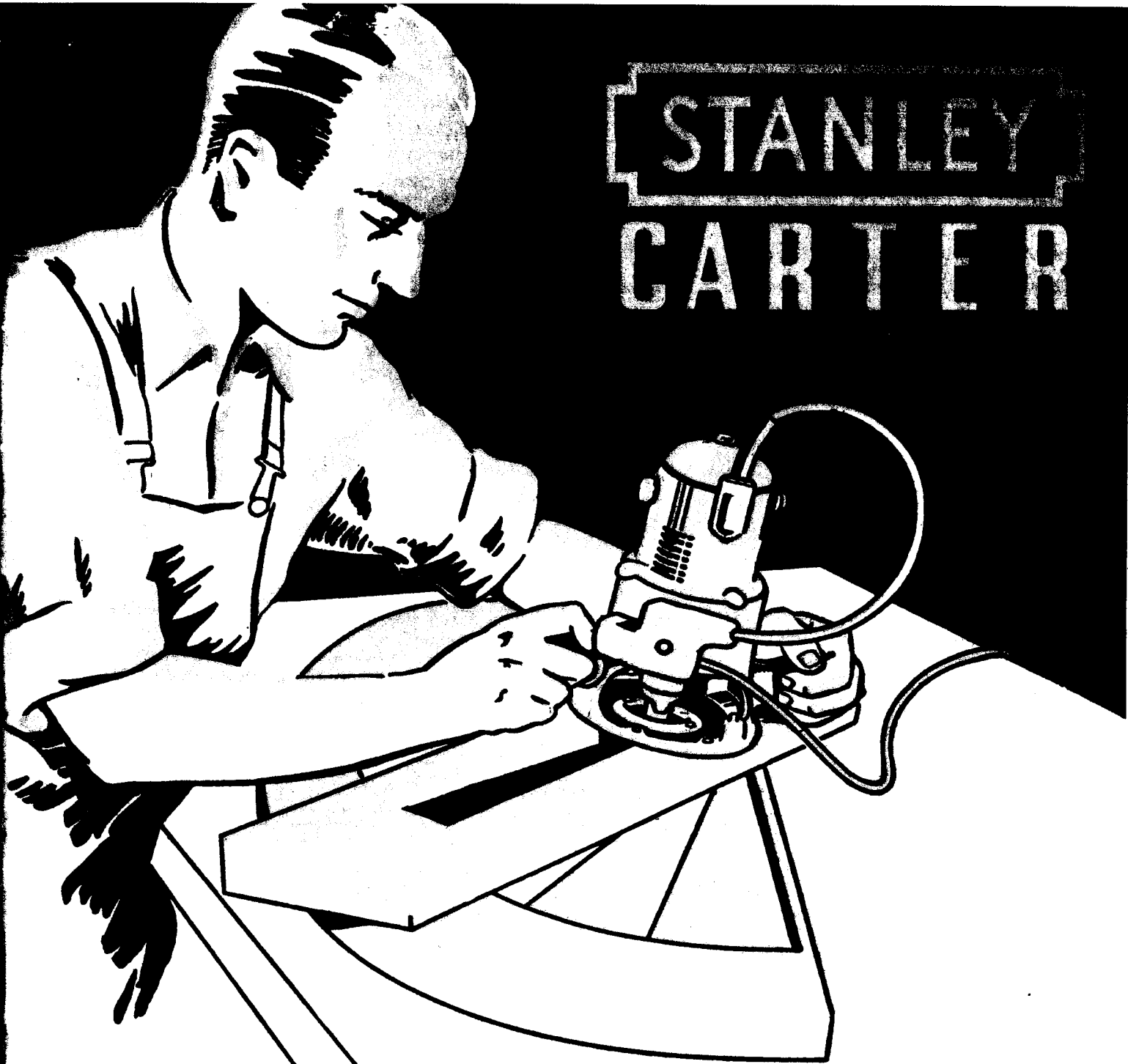


STANLEY CARTER



No. 81

CARPENTERS MACH
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STANLEY ELECTRIC TOOLS
DIVISION OF THE STANLEY WORKS
NEW BRITAIN, CONN., U. S. A.

Stanley-Carter

E Q U I P M E N T

F O R T H E

W O O D W O R K I N G I N D U S T R Y



Reg. U.S. Pat. Off.

Catalog No. 81

STANLEY ELECTRIC TOOLS

DIVISION OF THE STANLEY WORKS

NEW BRITAIN, CONN., U. S. A.

GENERAL INFORMATION

CATALOG ARRANGEMENT—We have attempted to arrange the material in this catalog in logical sequence to make it easy for you to select the proper tools and attachments for your present production job. An effort has been made to list and describe attachments and accessories in the same section as the particular tool with which they are most commonly used. A general summary of all accessories is also provided in the last section of the catalog.

It will not be necessary to thumb through pages of unrelated material if the following arrangement is kept in mind:—

1. Motor Units	Page	5
2. Portable Routers, Shapers and attachments	Pages	6-17
3. Stationary Machines and attachments	Pages	18-21
4. Grinders	Page	22
5. Power Planes and Door Fitting Equipment	Pages	23-29
6. Portable Safety Saws	Pages	30-33
7. Weatherstrip Equipment	Pages	34-35
8. Accessories for Stanley-Carter Tools	Pages	36-44

SERVICE POLICY—The Factory Service Department and Authorized Stanley-Carter Service Stations are equipped to supply repair parts and repair service for all of the tools listed in this catalog. Consult your classified phone directory.

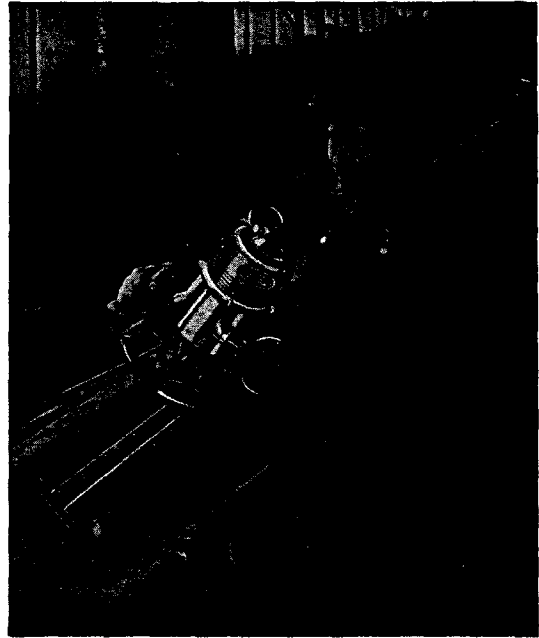
GUARANTEE—Every Stanley-Carter Tool has been carefully inspected before shipment and we guarantee to correct any defect due to faulty material or workmanship. Our obligation assumed under this warranty is limited to making replacement of any part or parts returned to us at our factory in New Britain Connecticut, or to our authorized Service Stations, Transportation charges prepaid, which prove to our satisfaction upon examination to have been defective and not to have been misused or carelessly handled.

We reserve the right to decline responsibility where repairs have been made or attempted by others.



At a trailer company in Chicago, manufacturers of Auto House Trailers, they use the Stanley-Carter R5A Router for over 100 different operations in their plant. Picture shows cutting out and forming operation of a part of a trailer. The material is fir plywood and varies from $\frac{3}{8}$ " to $\frac{3}{4}$ " thick.

STANLEY-CARTER ROUTERS AND SHAPERS AT WORK



Rabbeting boat keels with the R2 Heavy Duty Portable Router. A templet provides for the changing angle on the length of the keel. The Router merely rides in tracks in the templet, and in one pass the rabbet is completed. This operation is done more quickly and accurately with the R2 than by any other means.



Stanley-Carter S5A Shaper in action at a manufacturing plant. Shaper used to round off pool table legs and to groove ball racks. Tilting spindle feature of Stanley-Carter Shaper makes it ideal for the rounding off operation which formerly was done by hand.

SPECIAL FEATURES OF STANLEY-CARTER PRODUCTION TOOLS

HIGH SPEED—All Stanley-Carter Production Tools and Machines are equipped with high speed universal motors which operate at speeds up to 18,000 R. P. M. These high speeds permit cutting with and against the grain with equal effect. The cutting tool produces a fine, smooth finish which eliminates the need for sanding operations.

RANGE OF POWER—All Stanley-Carter Routers, Shapers, and Groovers are built around five primary electric motor units, ranging from 1/7 H. P. to 3 H. P. This range of power enables Stanley-Carter equipment to overcome practically any routing, shaping, and grooving problem from light veining to heavy table shaping. The wide selection of bits, cutters, and accessories used in conjunction with these various tools simplifies the most intricate production operations.

DIRECT DRIVE—The cutting tools of all Stanley-Carter machines operate directly from the spindle of the motor unit. There are no belts, idlers, or jack shafts to hamper efficient operation. All power is delivered directly to the cutting edge of the router bit or shaper cutter.

ECONOMY OF OPERATION AND SELECTION—Stanley-Carter Tools cost very little to operate.

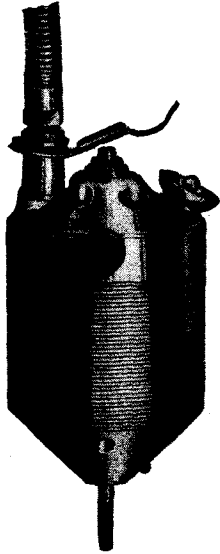
Because of the interchangeability of most Stanley-Carter attachments, many savings can be made in the selection of Stanley-Carter tools. The 1 H. P. and 3 H. P. motor units may be used in portable router attachments or in stationary machines. Either the 3/8 H. P. or 1/2 H. P. motor units may be used in the same attachments for routing, shaping, carving, grooving for weather-strip and edge planing.

ADAPTABILITY—Stanley-Carter tools can be used in the small shop or in the production lines of the large manufacturing plant. All of the units as shown on page 5 are universal motors—the same motor unit operates either from direct current or from single phase alternating current, 60 cycles or less. All 115 Volt motors may be operated from a standard lighting circuit.

VOLTAGES—Stanley-Carter Motor Units are available for 115 V, 125 V, 150 V, 200 V, 230 V, and 250 V. These motors will operate satisfactorily on voltages 5% over or under voltages specified.

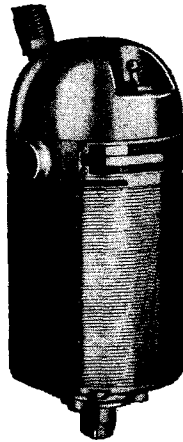
STANLEY-CARTER MOTOR UNITS

Universal type for operation on D.C., or Single phase A.C., 60 cycles or less. Choice of 115 V, 125 V, 150 V, 200 V, 230 V or 250 V.



S-7-1/7 H. P. MOTOR

Size—Dia. 3", Lgth. 6".
Net Wgt.—3½ lbs.
Shipping Wgt.—4½ lbs.
Speed—18,000 R.P.M.



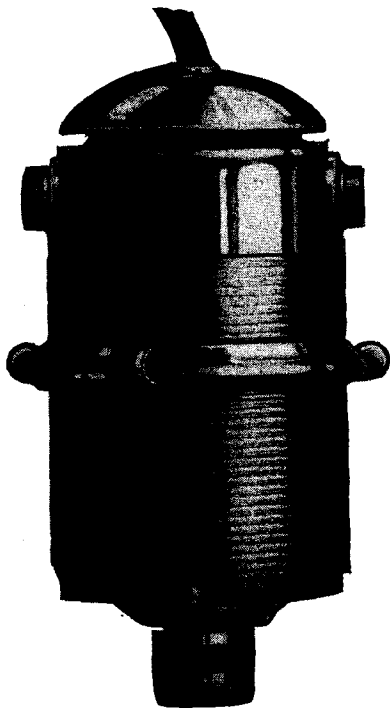
NO. 4B-¾ H. P. MOTOR WITH CHUCK

Size—Dia. 3 5/16", Lgth. 7".
Net Wgt.—5 lbs.
Shipping Weight 6½ lbs.
Speed—18,000 R.P.M.



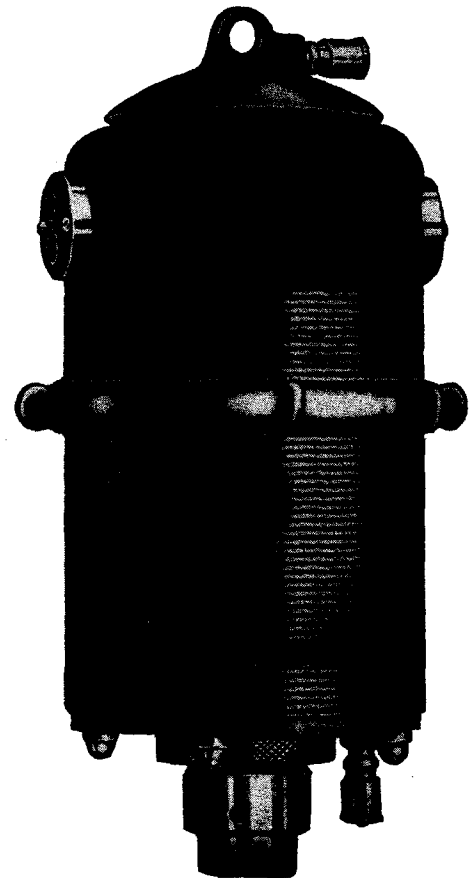
NO. 8-½ H. P. MOTOR WITH CHUCK

Size—Dia. 3 5/16", Lgth. 7¾".
Net Wgt.—5½ lbs.
Shipping Wgt.—7 lbs.
Speed—18,000 R.P.M.



R5A-1 H. P. MOTOR

Size—Dia. 3¾", Lgth. 8½".
Net Wgt.—9½ lbs.
Shipping Wgt.—13 lbs.
Speed—18,000 R.P.M.



R-2-3 H. P. MOTOR

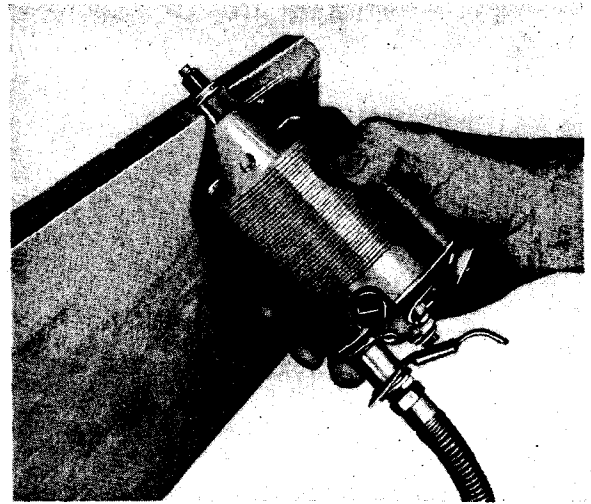
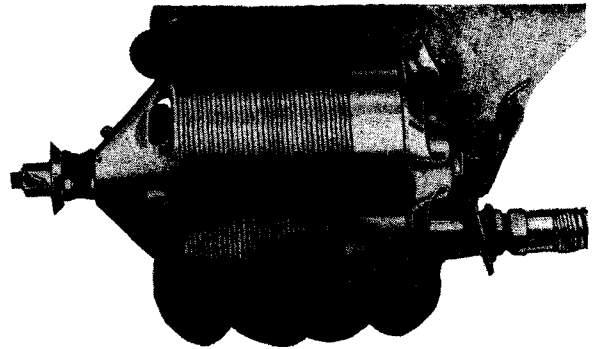
Size—Dia. 5 5/16", Lgth. 13".
Net Wgt.—29½ lbs.
Shipping Wgt.—38 lbs.
Speed—15,000 R.P.M.

STANLEY-CARTER S7 1/7 H. P. HAND SHAPER

This small size Shaper is a real time saver. It is the world's fastest Hand Shaper for scores of operations. The work produced is smooth and uniform, eliminating the need of sanding. Because of its light weight and small diameter (only 3 inches) it is particularly valuable for use on assembled work in making corner cuts, such as beads, chamfers, rounds and coves.

Cutters slide on to the motor shaft and are held tight by a nut. The cutters may be removed quickly or replaced for various operations. A guide collar, beveled at a 90° angle to the front endshield, is placed between the cutter and nut.

The Bench Shaper Plate illustrated on the following page may be used with the S7 Hand Shaper for additional light shaping operations.



Beading edges with S7 Shaper

MOTOR SPECIFICATIONS

TYPE—1/7 H. P. universal—operates on either D.C. or A.C., 60 cycles or less.

SIZE—Diameter 3", Length 6", Weight 3½ lbs.

VOLTAGE—Choice of 115, 125, 150, 200, 230, or 250 Volts.

SPEED—(no load)—18,000 R.P.M. on 60 cycles.

AIR COOLED—Forced air cooling system. Keeps motor cool under continuous use.

BEARINGS—Special oversize ball bearings mounted on each end of armature shaft.

SWITCH—Tumbler type, enclosed in motor endshield.

SPINDLE—Motor shaft extends 1½" to accommodate bevel guide collar, nuts, and cutters having ¼" diameter holes. Shaft extension is threaded for nuts.

CORD—rubber covered, three wire.

LOCKING DEVICE—Spring Wrench at rear of motor locks spindle when changing cutters.

SPECIFY—Stanley-Carter S7 Shaper, indicating voltage, and the following items will be included as Standard Equipment:

S7 Motor

S-6131 Bevel Guide Collar

2—S6050 Shaft Nuts

P-4005 Wrench

Net weight 3½ lbs. Shipping weight 4½ lbs.

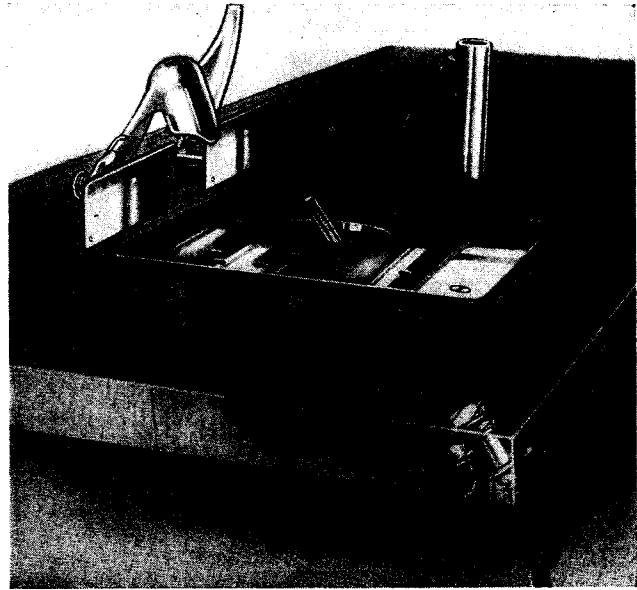
Cutters are not included but may be selected as extra equipment from the list described on the following page.

BENCH SHAPER PLATE AND ACCESSORIES FOR S7 HAND SHAPER

With this Bench Plate 9" x 9", and the S7 Hand Shaper you can convert a section of your work bench to a Shaper Table and make a wide variety of light moulding cuts, tongue, groove, chamfer, cove, rabbet and many other cuts on straight and irregular shapes. The motor unit can be tilted in its holder up to 45 degrees—each degree gives a different cut with the same cutter or cutters.

The #43 straight fence is provided with a spring safety guard. The right shoe of the fence is adjustable for depth of cut when cuts the full thickness of the stock are made.

The #44 circular guide is used for shaping circular and irregular work. This accessory is mounted on the plate so that the tube of the guide is directly centered above the cutter. The work bears directly against the guide for most shaping operations.



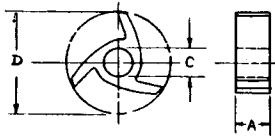
The #627 Bench Plate can be converted to a #62 Bench Plate for the 3/8 H. P. and 1/2 H. P. motors by removing a bushing in the motor holder. See page 11.

EQUIPMENT TO SPECIFY (IN ADDITION TO S7 SHAPER)
 #627 Bench Shaper Plate #43 Straight Fence and guard #44 Circular guide

CUTTERS FOR S7 SHAPERS

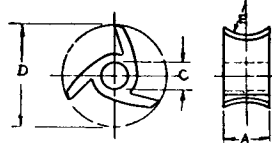
All have holes for 1/4" Spindle

STRAIGHT FACE CUTTERS



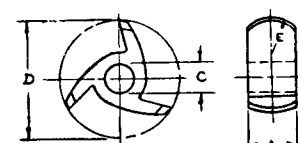
No.	A Width	D Diameter
3104	1/8"	1 1/16"
3106	3/16"	"
3108	1/4"	"
3112	3/8"	"
3116	1/2"	"
3118	5/16"	1 1/4"
3124	3/4"	"

CONCAVE CUTTERS



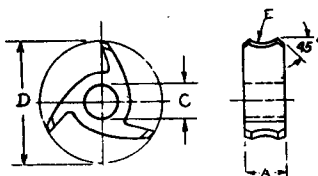
No.	A Width	E Radius	D Diameter
3204	1 1/4"	1/8"	1 1/16"
3206	1 3/4"	3/16"	"
3208	2 3/4"	1/4"	"
3210	3 1/8"	3/16"	"
3212	1 7/32"	3/8"	"
3214	5/8"	7/16"	"

CONVEX CUTTERS



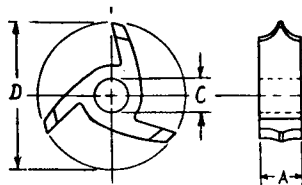
No.	A Width	E Radius	D Diameter
3304	1 1/4"	1/8"	4 9/16"
3306	1 3/4"	3/16"	2 5/32"
3308	2 3/4"	1/4"	5 3/4"
3312	1 7/32"	3/8"	2 9/32"

CORNER BEAD CUTTERS



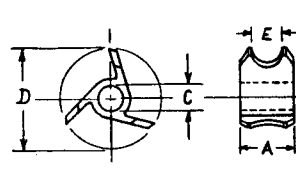
No.	A Width	E	D Diameter
3404	1/4"	1/8"	4 9/16"
3406	1 1/2"	3/16"	4 9/16"
3408	3/16"	1/4"	4 9/16"

SPINDLE BEAD CUTTERS



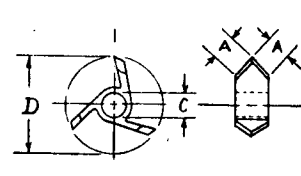
No.	A Width	D Diameter
3510	3/16"	2 7/32"
3512	3/8"	1 5/16"
3514	7/16"	1"

SURFACE BEAD CUTTERS



No.	A Width	E	D Diameter
3606	3/8"	3/16"	5 9/16"
3610	1/2"	5/16"	1 3/16"
3614	1 1/16"	7/16"	1 1/8"

"V" RABBETING CUTTERS

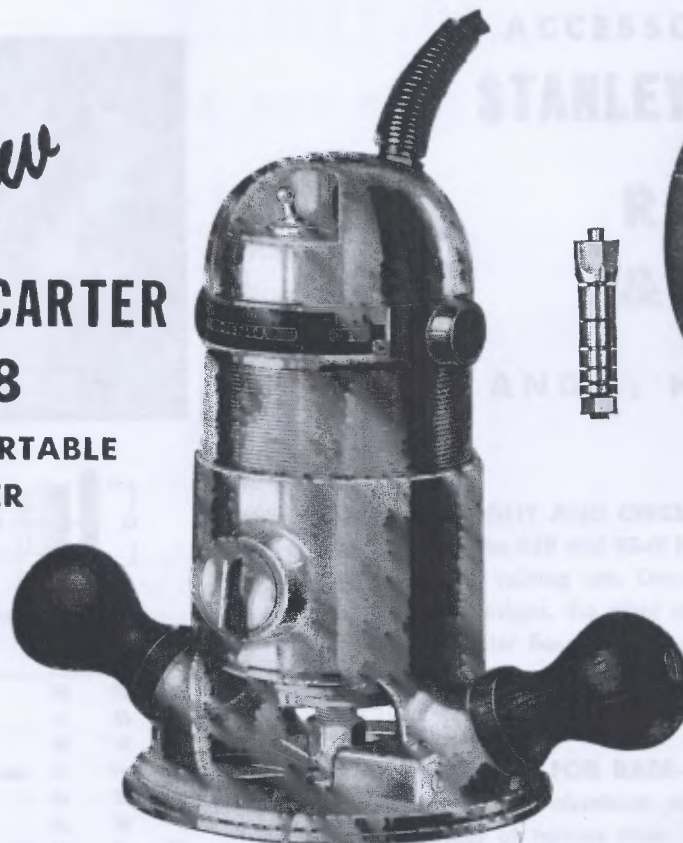


No.	A	D Diameter
3704	1/8"	7/8"
3708	1/4"	1 1/8"

New

STANLEY-CARTER RS 8

½ H. P. PORTABLE
ROUTER



QUICK-ACTING ROUTER BASE

1. A turn of the Clamp Screw to the right locks motor to base, making perfect fit with the threads.
2. Half turn to left permits adjustment for depth of cut. Turn motor in base—¼ turn for 1/64" adjustment.
3. One complete turn to left and you can remove motor from base or make quick depth adjustments. This new ½ H.P. Router has been designed not only for more power, but for greater durability. A broader range of operations is also possible with this portable machine.

SPECIAL FEATURES

DURABILITY—The new #8 motor (½ H.P.) is equipped with over-size ball bearings which are sealed against dust and factory lubricated for the life of the bearings. No further lubrication is required. This eliminates possible hazard of improper lubrication. To utilize this additional power we have increased the motor shaft diameter. The large, rigid, shaft provides accuracy and smoothness of cut.

NEW SUB-BASE—Furnished with this router is an anodized aluminum sub-base. Most of the templet guides may be attached to this sub-base, permitting better control for depth of cut than when the templet guide is attached directly to the motor endshield.

ADAPTABILITY—The new #8 motor (½ H.P.) may be used in the J3 Plane, Weatherstrip groover, and Hinge Butt Router attachments. It will also fit all of the old attachments previously supplied with ⅜ H.P. motors having the threaded motor casing.

MOTOR SPECIFICATIONS

TYPE—#8—½ H.P. Universal, operates on either D.C., or A.C. 60 cycles or less.

SIZE—Diameter 3 5/16", Length overall 7 3/8", Weight 5 ½ lbs.

VOLTAGE—Choice of 115, 125, 150, 200, 230, or 250 V.

SPEED—(no load)—18,000 R.P.M. on 60 cycles.

AIR COOLED—Forced air cooling system keeps motor cool under continuous operation.

BEARINGS—Special over-size ball bearings, sealed against dust, and factory lubricated for life.

HOUSING—Strong aluminum alloy, highly-polished to prevent adherence of grease or dirt.

SWITCH—Tumbler type, enclosed in motor endshield.

CHUCK—Collet type, ¼" capacity, detachable from motor shaft.

ARBOR—Takes cutters with 5/16" arbor holes. Easily attached to motor shaft.

DEPTH ADJUSTMENT—Motor casing is threaded sixteen threads per inch to fit threads on Router Base and other attachments.

CORD—rubber covered, 3 wire.

SPECIFY—Stanley-Carter RS8 Router, indicating voltage, and the following items will be supplied as standard equipment:—

#8 Motor (with GA-74 chuck)

GA-2 Arbor (for shaping)

GA42 Router Base (with GA-62 Sub-base)

P4009 Wrench

Net Weight 7 lbs. Shipping Weight 8 ½ lbs.

SPECIFY—Stanley-Carter R8 Router, and all of the items listed above will be included except the GA-2 Arbor for shaping operations.

ROUTER BITS for the GA-74 Chuck (¼" capacity) are shown on page 37 and 38.

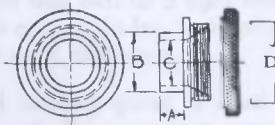
SHAPER CUTTERS of the 4000 series for use with the GA-2 5/16" Arbor are shown on page 42.



ACCESSORIES FOR STANLEY-CARTER

RS4B & RS8

$\frac{3}{8}$ AND $\frac{1}{2}$ H.P. ROUTERS

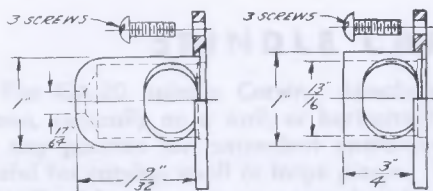


D dimensions — $1\frac{1}{16}$ " x 24 Threads

No.	Purpose	A	B	C
GA-5	General	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{3}{8}$
GA-6	General	$\frac{1}{4}$	$\frac{5}{8}$	$\frac{17}{32}$
GA-7	General	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{3}{16}$
GA-9	Recess & Insert	$\frac{1}{4}$	$\frac{3}{16}$	$\frac{1}{4}$
GA-14	General	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{16}$
GA-17	Hinge Butt	$\frac{7}{16}$	$\frac{3}{8}$	$\frac{17}{32}$
GA-18	Large Dovetail	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{23}{64}$
GA-19	Small Dovetail	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{17}{64}$

GA-39 STRAIGHT AND CIRCULAR GAUGE—The GA-39 gauge is used to guide the RS8 and RS4B Routers in routing for inlays, grooving, rabbeting, and veining cuts. One end of the gauge is used for guiding along straight edges, the other end for circular work. The gauge rods fit into the Router Base and the gauge is fully adjustable for location of the cut.

TEMPLET GUIDES FOR BASE—The Base of the above Routers are equipped with an aluminum sub-base to which may be mounted templet guides of various sizes. These guides follow the contour of a templet placed on top of the work. The router bit extends through and below the guide to cut to the depth desired. Select guides having a "C" dimension slightly larger than the diameter of the router bit to be used.



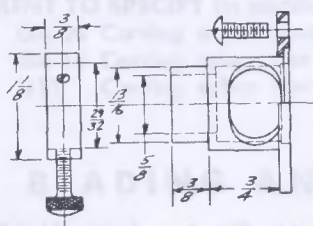
GA-8 Veining Guide

GA-10 Core Box Guide

The GA-9 Recess and Insert guide is supplied with a removable ring for block inlay work. The base material is first routed out, using the GA-9 guide, the ring then removed, and the insert or inlay cut out with the same templet.

The GA-17 guide is used for Hinge Butt Routing (see Page 26).

The GA-18 and GA-19 guides are used with the Dovetail attachments shown on page 12.



GA-12 Beading and Fluting Guide

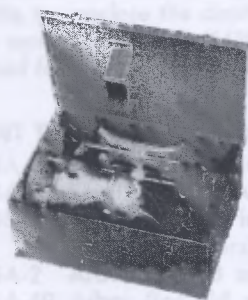
TEMPLET GUIDES FOR MOTOR—Templet guides which attach directly to the motors of the RS4B and RS8 Routers are also available.

The GA-8 Veining guide is used for veining cuts on concave surfaces, such as the back of a chair.

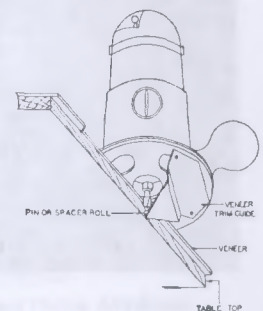
The GA-10 Core Box guide is used with the 400 series router bits and other bits too large for the templet guides used on the base.

The GA-12 guide is used with the GA-46 Beading and Fluting attachment shown on the following page.

CR-4 CASE—A metal carrying case for holding either the RS4B or RS-8 Routers. Compartments for bits and accessories.



CR-4 Case



GA-144 Veneer Trim Guide

STANLEY-CARTER

ATTACHMENTS FOR RS4B AND RS8 ROUTERS

BENCH SHAPING

With this 9" x 9" Bench Plate you can convert a section of your work bench to a shaper table, and make a variety of light moulding cuts, tongue, groove, chamfer, cove, rabbet, and many others on straight and irregular shapes. The motor unit can be tilted in its holder up to 45 degrees. Each degree gives a different cut with the same cutter or cutters.

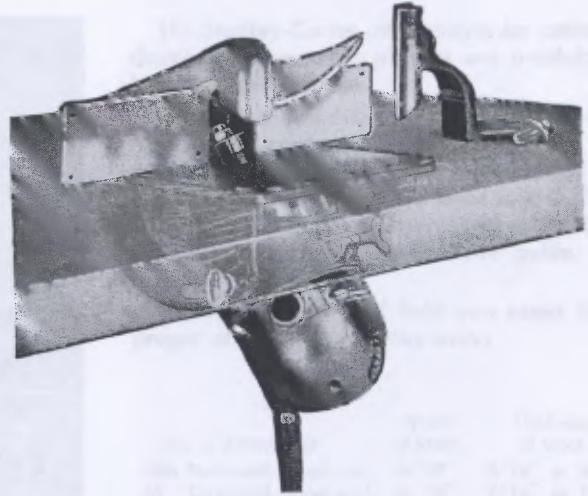
The #43 Straight fence is provided with a Spring Safety guard which also acts as a light hold down. The right shoe of the fence is adjustable for depth of cut when cuts the full thickness of the stock are made.

The #44 circular guide is used for shaping circular and irregular work. This accessory may be mounted on the plate so that the tube of the guide is centered directly above the cutter. The work bears against this guide for most shaping operations.

EQUIPMENT TO SPECIFY (in addition to motor and arbor)

- #62 Bench Shaper Plate
- #43 Straight fence and guard
- #44 Circular guide

Select cutters of the 4000 series as shown on page 39



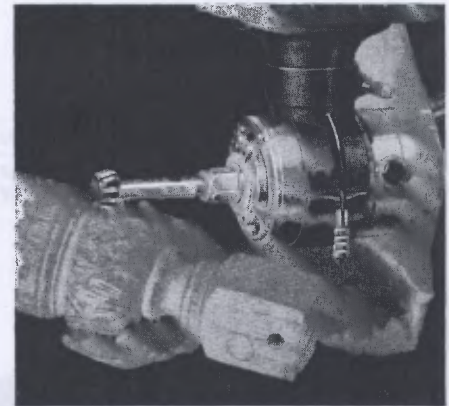
No. 62 Shaper Plate with Motor and Accessories

SPINDLE CARVING

The GA-20 Spindle Carving Attachment can be mounted upside down, vertically on a wall, or horizontally on a bench, and swiveled to any position for convenient operation. The equipment is equally useful for carving small or large pieces. The carving arbor is threaded 3/16" x 24 and screws on motor shaft in place of chuck.

EQUIPMENT TO SPECIFY (in addition to motor)

- GA-20 Carving attachment
- GA-16 Carving arbor (for #8 and #4B motors)
- G11 Carving arbor (for old style R4 and R4A motors)



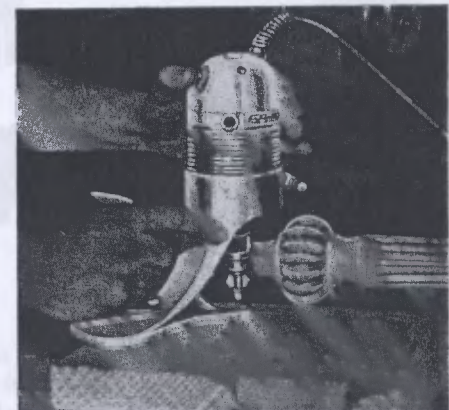
GA-20 Carving Attachment with Motor and Carving Arbor (Cutters not supplied)

BEADING AND FLUTING

The GA-46 attachment with accessories listed below is used for beading and fluting spindles. The work is mounted in a lathe or simple indexing fixture. The adjustable guide bears against the uncut portion of the spindle to regulate the depth of cut. This guide does not revolve or burn the work. The X4308, X4304, #4510, #4512, and #4514 cutters are suggested for this type of work.

EQUIPMENT TO SPECIFY (in addition to motor)

- GA-46 Beading and Fluting Attachment
- GA-12 Beading and Fluting guide (for #8 and #4B motors)
- GG Beading and Fluting guide (for old style R4 and R4A motors)
- GA-2 Arbor (for #8 and #4B motors)
- GA-69 Arbor (for old style R4 and R4A motors)



GA-46 Beading and Fluting Attachment with Motor and Accessories