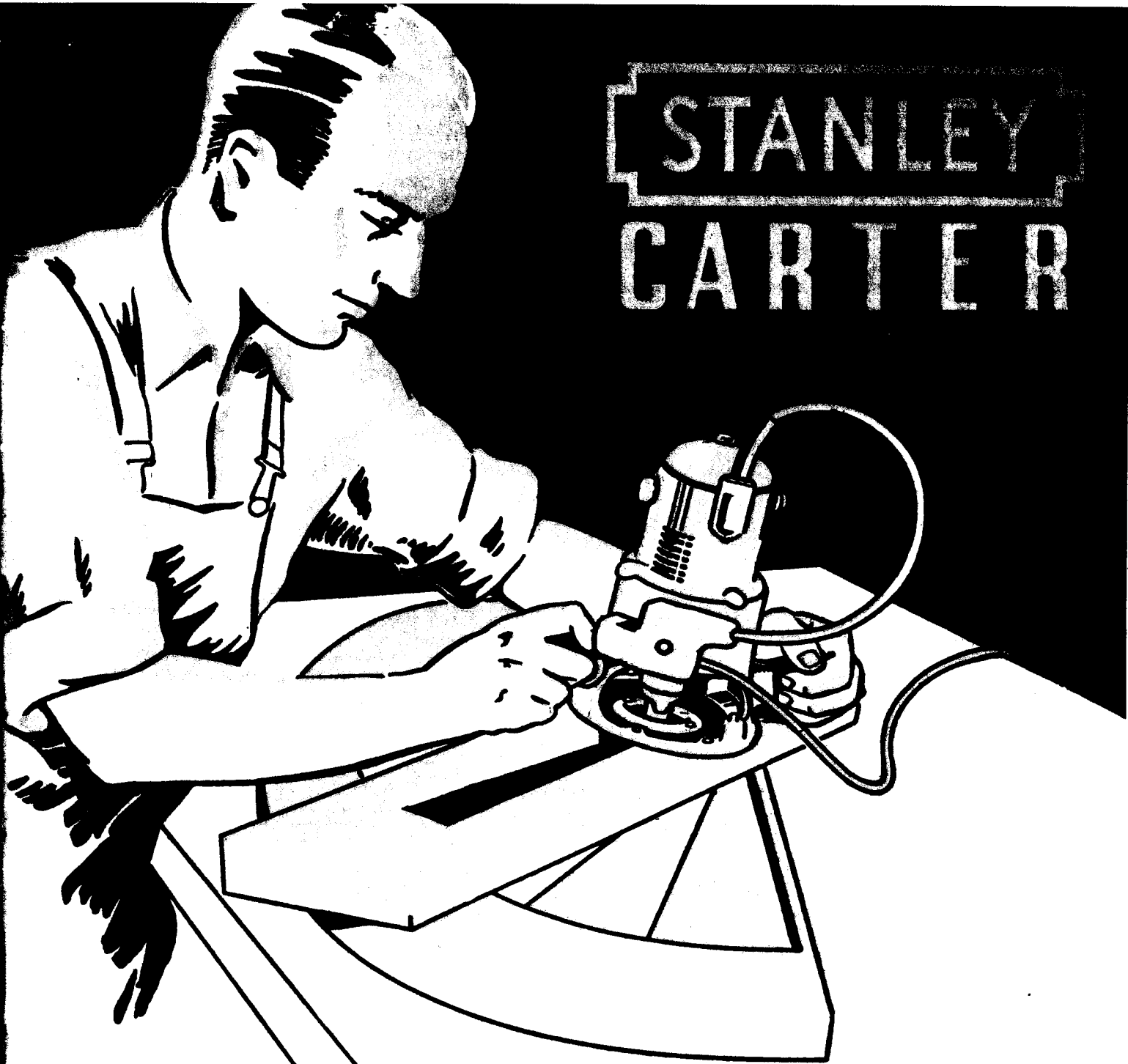


STANLEY CARTER



No. 81

CARPENTERS MACH
213 NORTH 11TH
PHILADELPHIA

S.R.M. **ORUM**

213 NORTH 11TH STREET
PHILADELPHIA 7, PA.

BUSINESS PHONE
LOMBARD 3-0510

HOME PHONE
MEDIA 6-0233

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.

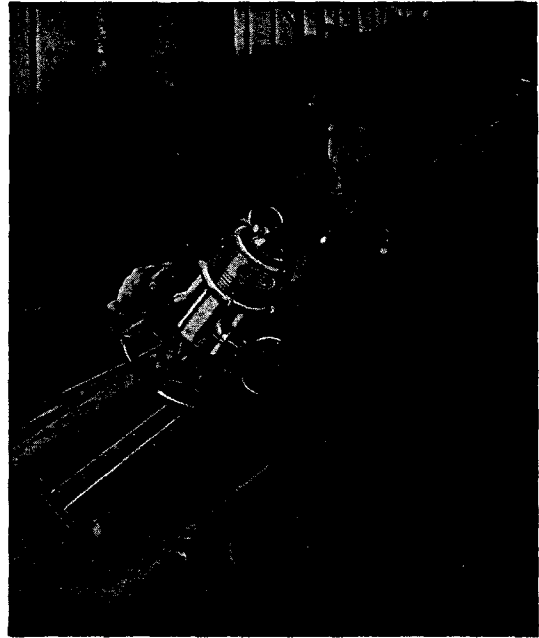
GUARANTEE—Every Stanley-Carter Tool has been carefully inspected before shipment and we guarantee to correct any defect due to faulty material or workmanship. Our obligation assumed under this warranty is limited to making replacement of any part or parts returned to us at our factory in New Britain 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.

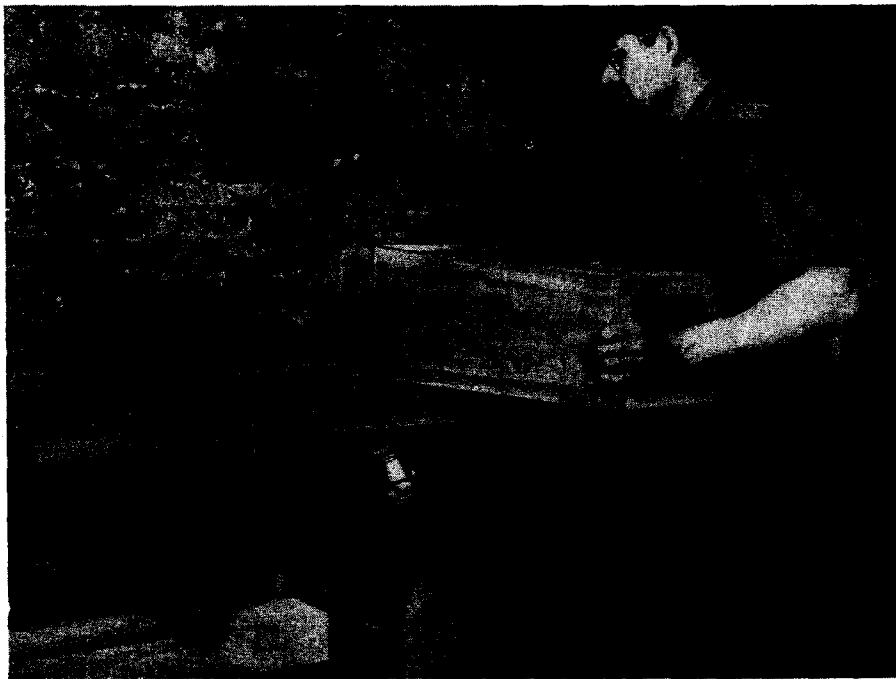


At a trailer company in Chicago, manufacturers of Auto House Trailers, they use the Stanley-Carter R5A Router for over 100 different operations in their plant. Picture shows cutting out and forming operation of a part of a trailer. The material is fir plywood and varies from $\frac{3}{8}$ " to $\frac{3}{4}$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

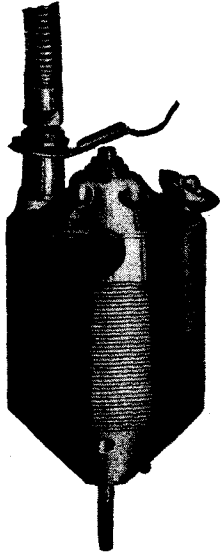
Because of the interchangeability of most Stanley-Carter attachments, many savings can be made in the selection of Stanley-Carter tools. The 1 H. P. and 3 H. P. motor units may be used in portable router attachments or in stationary machines. Either the 3/8 H. P. or 1/2 H. P. motor units may be used 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.

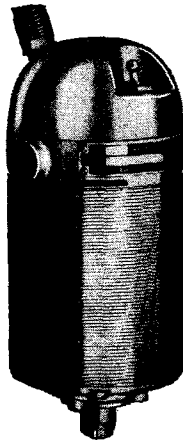
STANLEY-CARTER MOTOR UNITS

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.



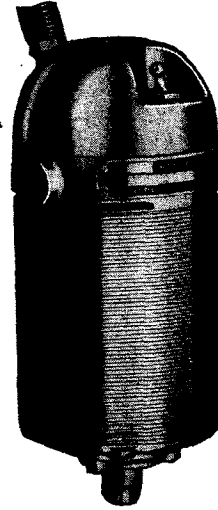
S-7-1/7 H. P. MOTOR

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



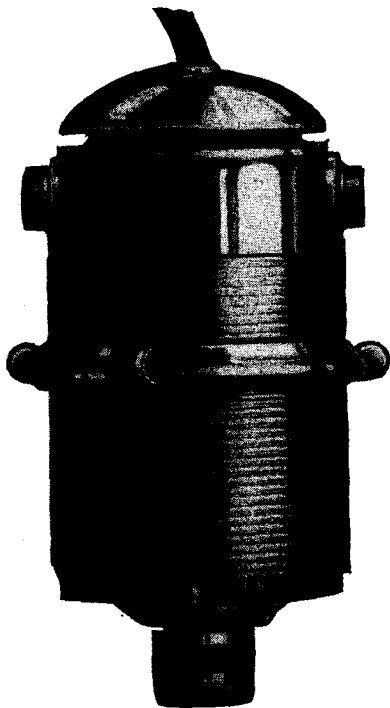
NO. 4B-¾ H. P. MOTOR WITH CHUCK

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

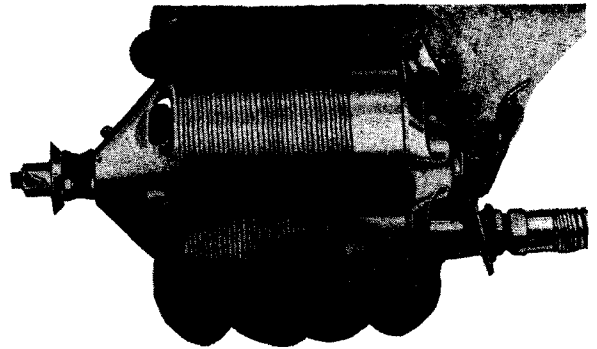
Size—Dia. 3¾", Lgth. 8½".
Net Wgt.—9½ lbs.
Shipping Wgt.—13 lbs.
Speed—18,000 R.P.M.



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.

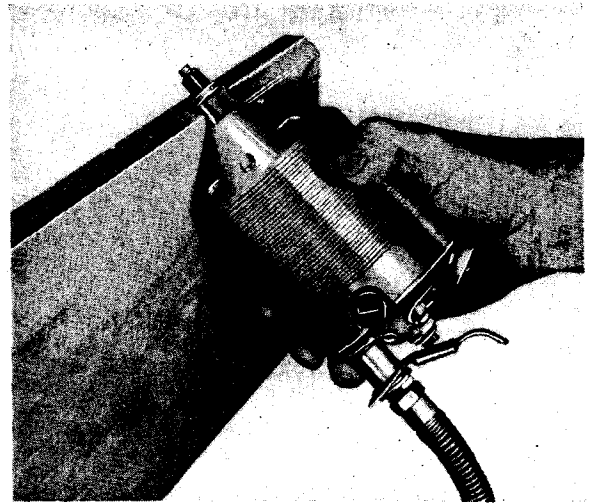
STANLEY-CARTER S7 1/7 H. P. HAND SHAPER



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.

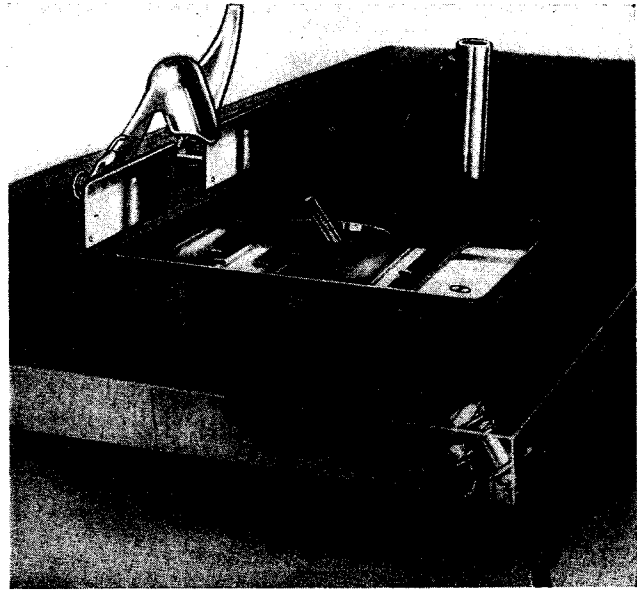
Cutters are not included but may be selected as extra equipment from the list described on the following page.

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

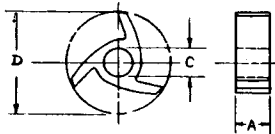
#43 Straight Fence and guard

#44 Circular guide

CUTTERS FOR S7 SHAPERS

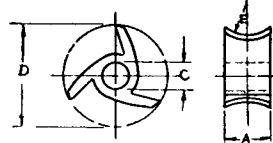
All have holes for 1/4" Spindle

STRAIGHT FACE CUTTERS



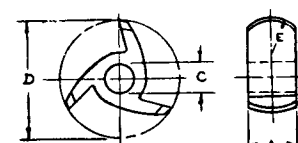
No.	A Width	D Diameter
3104	1/8"	1 1/16"
3106	3/16"	"
3108	1/4"	"
3112	3/8"	"
3116	1/2"	"
3118	5/16"	1 1/4"
3124	3/4"	"

CONCAVE CUTTERS



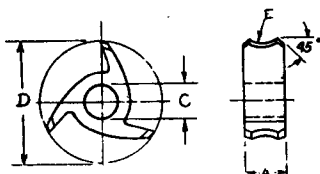
No.	A Width	E Radius	D Diameter
3204	1 1/4"	1/8"	1 1/16"
3206	1 3/4"	3/16"	"
3208	2 3/4"	1/4"	"
3210	3 1/8"	3/16"	"
3212	1 7/32"	3/8"	"
3214	5/8"	7/16"	"

CONVEX CUTTERS



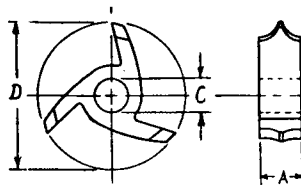
No.	A Width	E Radius	D Diameter
3304	1 1/4"	1/8"	4 9/16"
3306	1 3/4"	3/16"	2 5/32"
3308	2 3/4"	1/4"	5 3/4"
3312	1 7/32"	3/8"	2 5/32"

CORNER BEAD CUTTERS



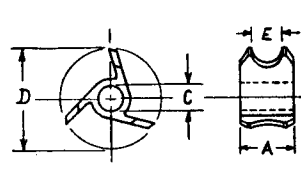
No.	A Width	E	D Diameter
3404	1/4"	1/8"	4 9/16"
3406	1 1/2"	3/16"	4 9/16"
3408	3/16"	1/4"	4 9/16"

SPINDLE BEAD CUTTERS



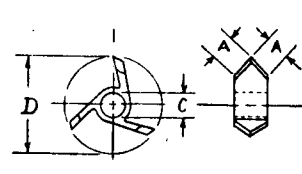
No.	A Width	D Diameter
3510	3/16"	2 7/32"
3512	3/8"	1 5/16"
3514	7/16"	1"

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

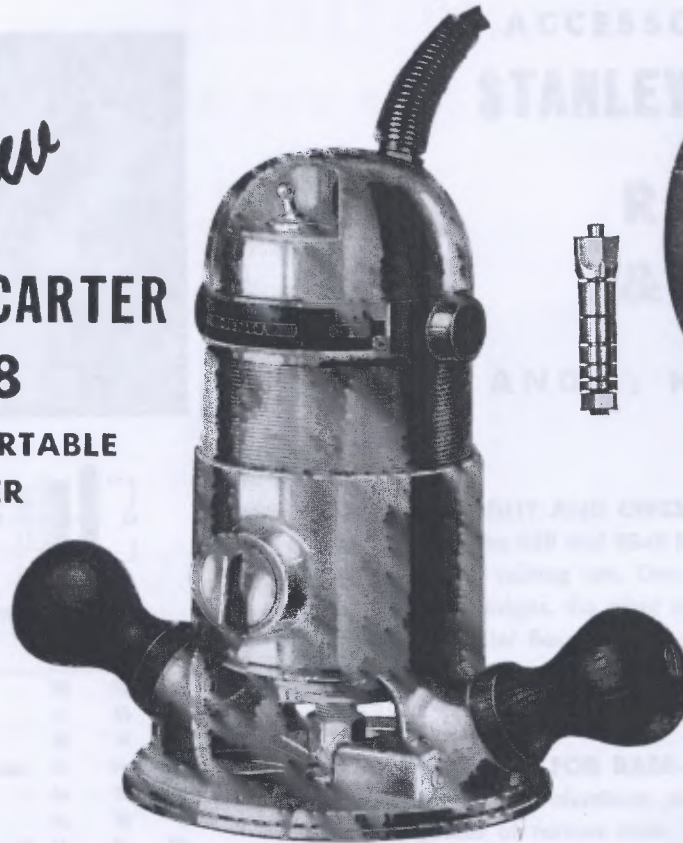


No.	A	D Diameter
3704	1/8"	7/8"
3708	1/4"	1 1/8"

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.

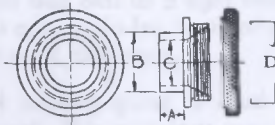
SHAPER CUTTERS of the 4000 series for use with the GA-2 5/16" Arbor are shown on page 42.



ACCESSORIES FOR STANLEY-CARTER

RS4B & RS8

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

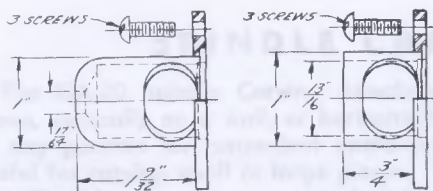


D dimensions — $1\frac{1}{16}$ " x 24 Threads

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.



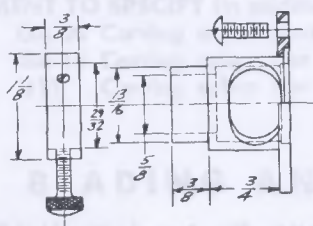
GA-8 Veining Guide

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

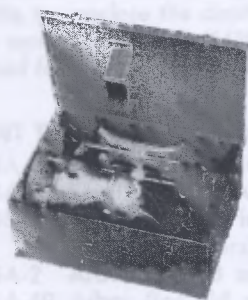
TEMPLET GUIDES FOR MOTOR—Templet guides which attach directly to the motors of the RS4B and RS8 Routers are also available.

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

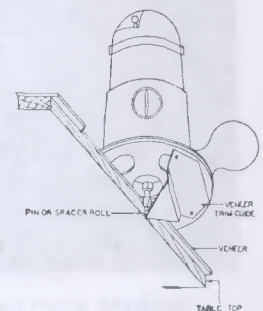
The GA-10 Core Box guide is used with the 400 series router bits and other bits too large for the templet guides used on the base.

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.

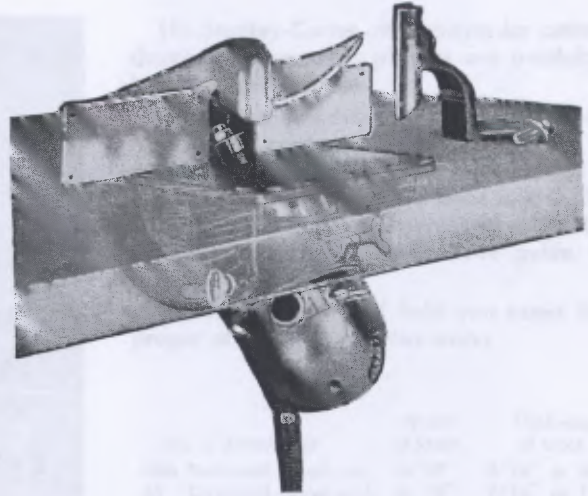
The #43 Straight fence is provided with a Spring Safety guard which also acts as a light hold down. The right shoe of the fence is adjustable for depth of cut when cuts the full thickness of the stock are made.

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



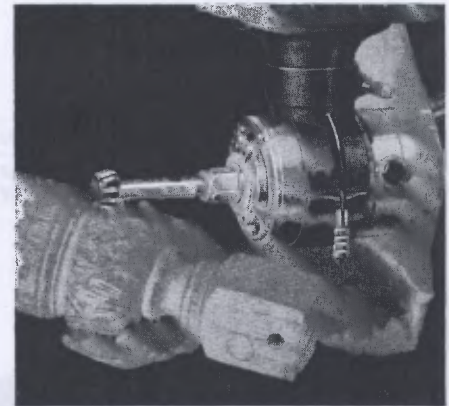
No. 62 Shaper Plate with Motor and Accessories

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)



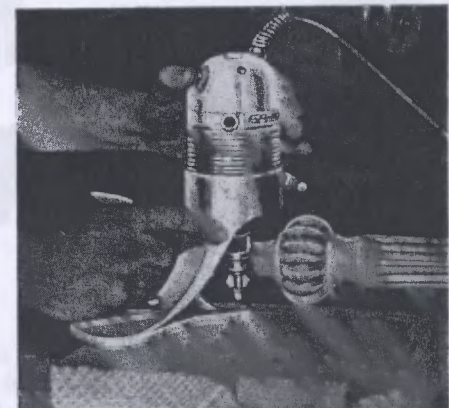
GA-20 Carving Attachment with Motor and Carving Arbor (Cutters not supplied)

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)

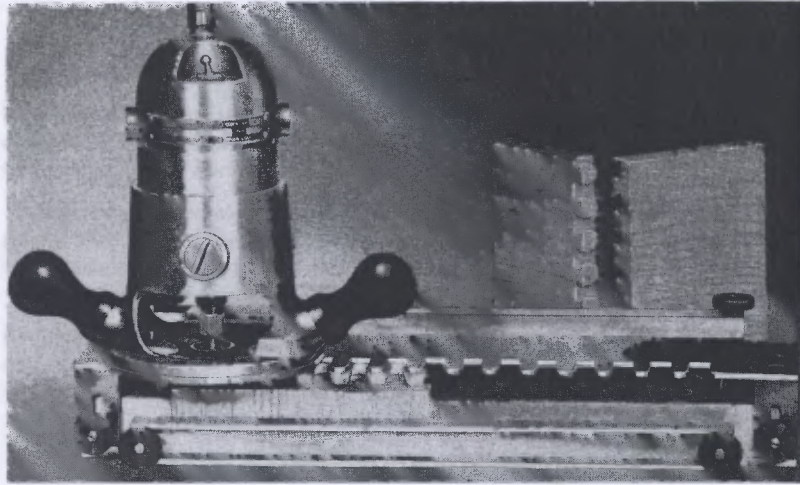
- GA-46 Beading and Fluting Attachment
- GA-12 Beading and Fluting guide (for #8 and #4B motors)
- GG Beading and Fluting guide (for old style R4 and R4A motors)
- GA-2 Arbor (for #8 and #4B motors)
- GA-69 Arbor (for old style R4 and R4A motors)



GA-46 Beading and Fluting Attachment with Motor and Accessories

STANLEY-CARTER DOVETAIL ATTACHMENTS

FOR R4B, R8, AND R5A ROUTERS



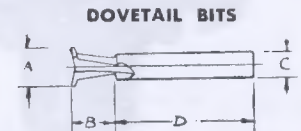
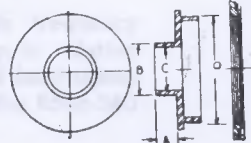
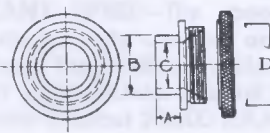
Dovetail Attachment and Accessories with Router

The Stanley-Carter attachments for cutting dovetails in wood or plastics are available in three sizes.

With each attachment both the side and front of the corner dovetail joint are cut at the same time, and with only one setting. A guide mounted in the Router Base follows the fingers of the templet. A dovetail router bit extends through and below the guide to make the proper cut.

The table below will help you select the proper attachment for your work:

No. of Attachment	Width of Stock	Thickness of Stock
60A Dovetail (small cut)	to 12"	5/16" to 3/8"
61 Dovetail (large cut)	to 12"	7/16" to 1"
116 Dovetail (large cut)	to 16"	7/16" to 1"



No.	A	B	C	D	No.	A	B	C	D	No.	A	B	C	D
GA-18 Guide	1/8	7/16	23/64	13/16	O5A Guide	1/8	7/16	23/64	15/16	1012	9/32	3/8	1/4	1 1/4
GA-19 Guide	3/32	3/16	17/64	13/16	OO5A Guide	3/32	3/16	17/64	15/16	1018	1/16	7/16	"	1 3/32

DOVETAIL ACCESSORIES—Bits and Guides are not included with these attachments, and therefore the proper bit and guide should be selected and specified as follows:

- #1012 Bit for #60A Dovetail
- #1018 Bit for #61 and #116 Dovetail

- GA-19 guide for 60A
 - GA-18 guide for 61 and 116
 - OO5A guide for 60A
 - O5A guide for 61 and 116
 - GA62 Sub Base
- } R4B-3/8 and R8-1/2 H. P. Routers
 } R5A-1 H. P. Router only
 Old Style R4 and R4A Routers

FINGER TEMPLETS—Each of the three dovetail attachments includes the proper finger templet. These templets may be ordered separately as follows:

- GA-34 Templet for 60A Attachment (12" small dovetail cut)
- GA-35 Templet for 61 Attachment (12" large dovetail cut)
- GA-40 Templet for 116 Attachment (16" large dovetail cut)

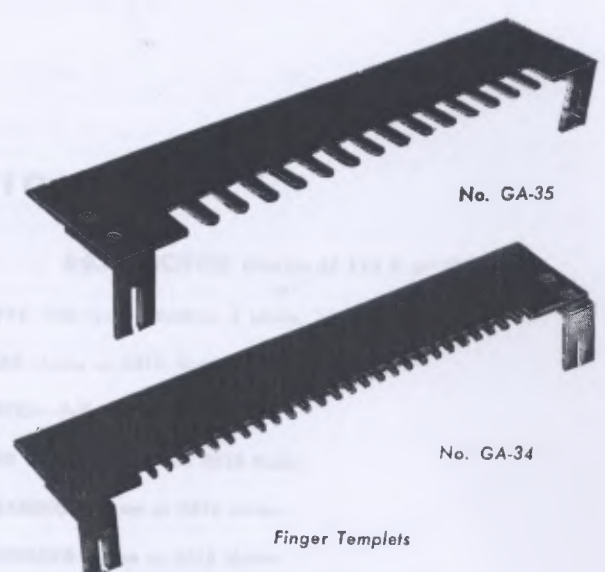
The GA-34 and GA-35 Templets are interchangeable and therefore:

- The GA-35 templet may be used to convert the 60A attachment to a 61 attachment.
- The GA-34 templet may be used to convert the 61 attachment to a 60A attachment.

The GA-40 templet is not interchangeable with the others and can be used only on the #116 attachment.

Shipping Weights

- 60A Attachment 8 1/2 lbs.
- 61 Attachment 8 1/2 lbs.
- 116 Attachment 11 1/2 lbs.



No. GA-35

No. GA-34

Finger Templets

STANLEY-CARTER

1 1/4 H. P.

HIGH FREQUENCY

MOTORS

Stanley-Carter High Frequency Induction Motors are used for production work where constant high speed and power are essential. The motors are particularly recommended when several Router or Shaper units are set up in one group.

High Frequency Motors will not operate from a standard power circuit. A frequency converter is necessary to change standard 60 cycle current to the frequency required.

These motors can be used in the S5 Shaper, Overarm Routers, in fact, the diameter is the same as the R5A-1 H. P. and will fit all the attachments now used with the R5A, including Portable router base GA-58 with Special Switch.

SPECIAL FEATURES

CONSTANT SPEED—The speed of these high frequency motors stays nearly constant and does not drop in relation to the load. The R518-180 cycle motor has a full load speed of about 10,000 R.P.M. The full load speed of the R536-360 cycle motor is about 20,000 R.P.M.

POWER—Both motors develop 1 1/4 H. P.

LOW MAINTENANCE COST—The high frequency induction motor is built with a solid indestructible rotor. It has no commutator or brushes.

SPECIFICATIONS

R518 MOTOR (choice of 115 V or 230 V)

TYPE—180 cycle induction, 3 phase, 1 1/4 H. P.

SIZE—Diameter 3 7/8", Length Overall 8 1/2", Weight 9 1/2 lbs.

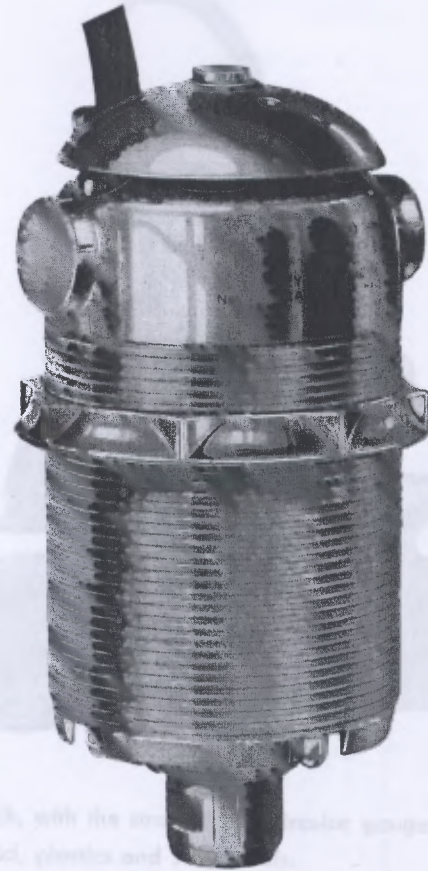
SPEED—(full load)—10,000 R.P.M.

AIR COOLED—Forced air cooling system keeps motor cool under continuous use. Special endshield deflects dirt particles from current of air entering motor for cooling.

BEARINGS—Large oil sealed bearings designed for hard use. Requires only occasional lubrication.

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

CHUCK—Screw type 3/4" x 16 thread. Balanced and ground. Takes adapters for 1/4", 5/16", 3/8", and 1/2" straight shank bits.



R536 MOTOR (choice of 115 V or 230 V)

TYPE—360 cycle induction, 3 phase, 1 1/4 H. P.

SIZE—Same as R518 Motor.

SPEED—(full load)—20,000 R.P.M.

AIR COOLED—Same as R518 Motor.

BEARINGS—Same as R518 Motor.

HOUSING—Same as R518 Motor.

CHUCK—Same as R518.

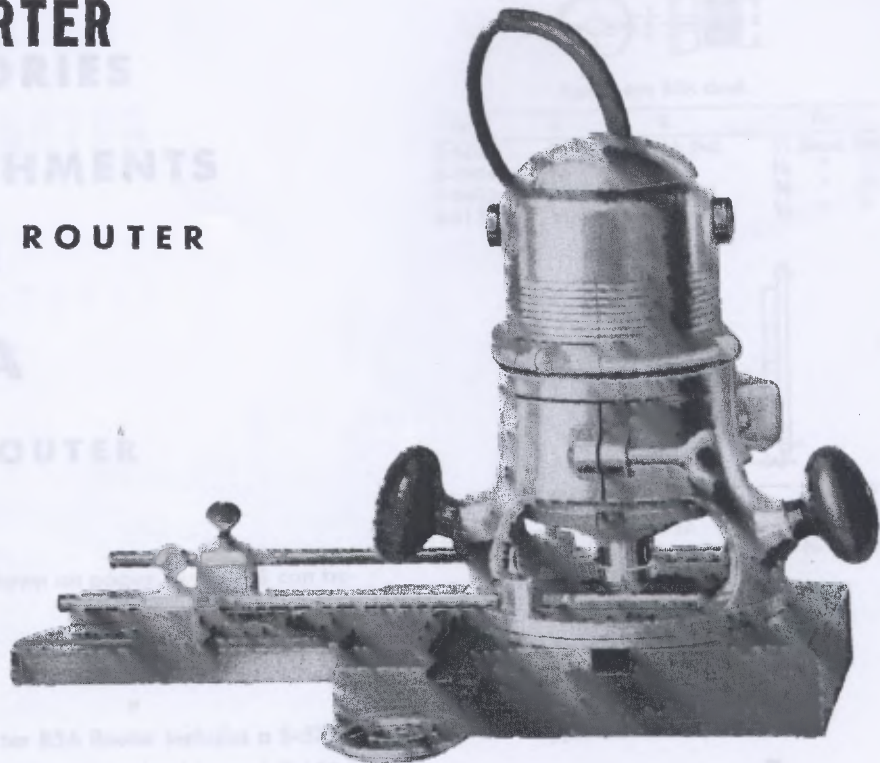
STANDARD EQUIPMENT for either R518 or R536 Motor includes a S-5803 1/4" and S-6134 1/2" bit adapters and a set of wrenches. Net Weight 9 1/2 lbs. Shipping Weight 13 lbs.

STANLEY-CARTER

R5A

1 H. P. PORTABLE ROUTER

This Stanley-Carter Router is the most popular portable Router on the market. Surplus power, high speed, large heat treated shaft, oversize oil sealed bearings, comparative light weight, low center of gravity and positive, accurate depth adjustment are a few of the features embodied in its construction. A specially designed endshield prevents particles of dust entering the motor through the air cooling system.



Templet guides of various lengths and diameters can be furnished which, with the straight and circular gauge shown, give this Router a range of use unequalled by any other for work on wood, plastics and soft metals.

MOTOR SPECIFICATIONS

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

SIZE—Diameter 3 $\frac{3}{8}$ " ; Length Overall 8 $\frac{1}{2}$ " ; Weight 9 $\frac{1}{2}$ lbs.

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

SPEED—(no load)—18,000 R.P.M.

AIR COOLED—Forced air cooling system keeps motor cool under continuous use. Special endshield deflects dirt particles from current of air entering motor for cooling.

BEARINGS—Large oil sealed bearings designed for hard use. Requires only occasional lubrication.

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

SWITCH—Enclosed double pole, high capacity switch conveniently located in the base permitting removal of motor for use in other attachments.

CHUCK—Screw type $\frac{3}{4}$ " x 16 thread. Balanced and ground. Takes adapters for $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", and $\frac{1}{2}$ " straight shank bits.

DEPTH ADJUSTMENT—Motor casing is threaded and carries a graduated metal ring. One complete turn of ring raises or lowers the motor $\frac{1}{8}$ " in the base.

CORD—rubber covered, 3 wire.

SPECIFY—Stanley-Carter R5A Router, indicating voltage, and the following will be supplied as STANDARD EQUIPMENT.

R5A Motor

GA-47 Router Base (includes micarta sub base and 8 feet of cable)

GA-49 Straight and Circular Gauge

N5A Templet guide ($\frac{5}{8}$ " diameter)

XI Templat guide adapter (for N5A guide)

S-5803 adapter (for $\frac{1}{4}$ " shank bits)

S-6134 adapter (for $\frac{1}{2}$ " shank bits)

FG-392 Adapter Wrench

FG-393 Chuck Wrench

Net Weight 15 $\frac{1}{2}$ lbs.

Shipping Weight 18 lbs.

ACCESSORIES AND ATTACHMENTS

FOR

R5A

1 H. P. ROUTER

ROUTER BITS—All of the router bits shown on pages 37 and 38 can be used with the R5A Router.

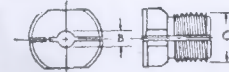
CHUCK ADAPTERS—The Stanley-Carter R5A Router includes a S-5803 Chuck Adapter for use with 1/4" shank diameter router bits and S-6134 for 1/2" dia. bits as standard equipment. S-5804, and S-5805, adapters for 5/16" and 3/8" shank bits may be ordered as extra equipment.

TEMPLER GUIDE ADAPTER—An X1 Templer guide adapter is included with the R5A Router as standard equipment. The purpose of this adapter is to hold templer guides to the bottom of the Router Base.

TEMPLER GUIDES—Each of the guides listed fits inside the X1 adapter which is attached to the bottom of the router base. The tip of the guide extends below the base to follow the contour of a templer. Select guides which have a "C" dimension slightly larger than the diameter of the router bit to be used. A holding nut is included with each guide.

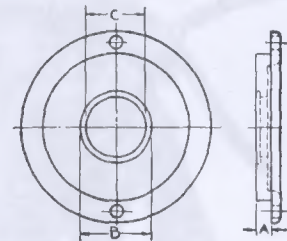
BRACKET FOR MOUNTING R5A MOTOR—With this Bracket it is possible to mount the R5A Motor in a vertical or horizontal position on old belt driven milling machines, drill presses, etc., thus converting them to high speed woodworking machines. The Bracket has also been used effectively on specially built woodworking machinery by providing a simple and efficient holder for the R5A Motor.

SPECIFY—GA-51 Bracket and Switch. Net Weight 3 1/4 lbs. Shipping Weight 4 1/2 lbs.

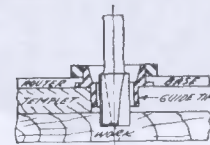


Screws into R5A chuck

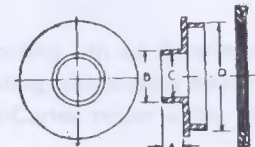
No.	B	C	For
S-5803	1/4	3/4 x 16 Thd.	1/4 Shank Bits
S-5804	5/16	"	5/16 " "
S-5805	3/8	"	3/8 " "
S-6134	1/2	"	1/2 " "



No.	Purpose	A	B	C
X1	Adapter for R5 or R5A Plain Base	1/8	1 1/16	1 3/16

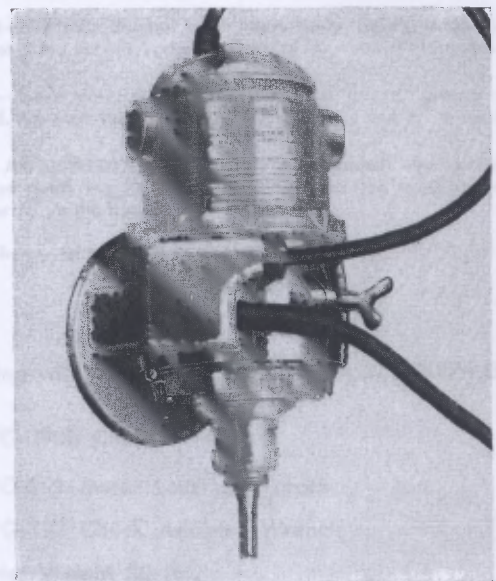


Application of Templer Guides



D dimension — 1 1/16" x 24 Threads

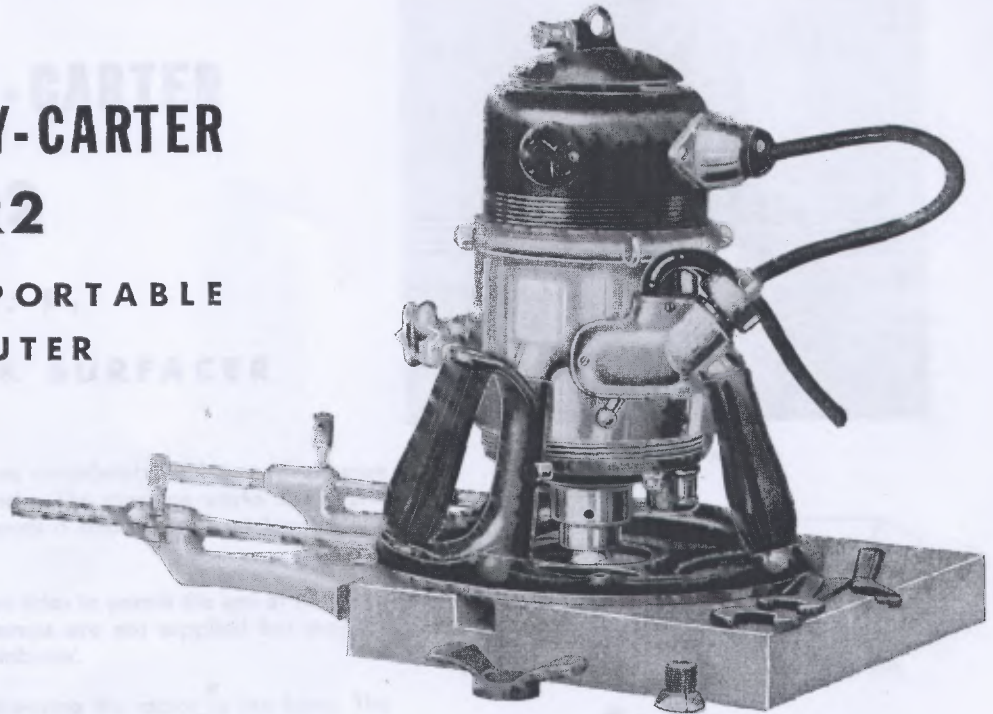
No.	Purpose	A	B	C
M5A for R5A	Hinge Butt Routing	7/16	3/8	1 1/32
N5A for R5A	Regular	1/4	5/8	1 1/32
O5A for R5A	Dovetail	1/8	3/16	2 3/4
O05A	Small Dovetail	3/32	3/16	1 7/8
E5A for R5A	Recess and Insert	1/4	5/16	1/4
N5S for R5A	Stair Routing	7/16	1	5 3/4
GA-73	" "	1/2	1 1/4	5 3/4



GA-51 Bracket with R5A Motor

STANLEY-CARTER R2

3 H. P. PORTABLE ROUTER



With this high speed, heavy duty Stanley-Carter Router, a great deal of heavy routing can be done more easily and more economically by taking the machine to the work. It is used for stair stringer routing, chamfering heavy timber, boat building, etc. It has the same micrometer depth adjustment as the smaller Stanley-Carter motor units. The motor unit weighs only thirty pounds, yet it is a 3 H. P. motor with a top speed of 15,000 R.P.M.

MOTOR SPECIFICATIONS

TYPE—3 H. P. Universal, operates on either D.C. or A.C., 60 cycles or less.

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

SPEED—(no load)—15,000 R.P.M. on 60 cycles.

SIZE OF MOTOR—Diameter 5 5/16", Length Overall 13", Weight 29 1/2 lbs.

AIR COOLED—Forced air cooling system keeps motor cool under continuous use. Exhaust air is deflected toward chuck of motor tending to remove chips from work.

BEARINGS—Large oversize oil sealed ball bearing designed for hard use.

HOUSING—Cast iron, threaded eight threads to the inch for depth adjustment.

SWITCH—Enclosed, double pole heavy duty switch conveniently located on base permits removal of motor for other attachments.

CHUCK—Heavy duty, screw type 3/4" x 16 thread, ground and balanced. Adapters furnished for 1/4", 5/16", 3/8", and 1/2" shank bits.

DEPTH ADJUSTMENT—Motor casing is threaded and carries a graduated metal ring. One complete turn of the ring raises or lowers the motor 1/8" in the base.

CORD—heavy rubber covered, three wire.

SPECIFY Stanley-Carter R2 Router, indicating voltage, and the following will be supplied as STANDARD EQUIPMENT:

R2 Motor with D3-1/4", D4-3/8" and D5-1/2" Chuck
Adapters

GA-55 Router Base (includes cord)

GA-53 Straight gauge

S Templet guide

FG-390B Chuck Wrench

FG-391 Motor Locking Wrench

FG-392 Chuck Adapter Wrench

Net Weight 50 lbs.

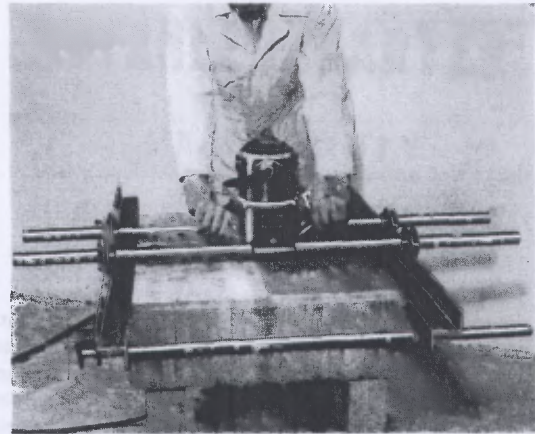
Shipping Weight 66 lbs.

STANLEY-CARTER

R2

3 H. P.

MEAT BLOCK SURFACER



The heavy duty R2 surfacer saves considerable labor and expense in surfacing new and old meat blocks. The machine works easily and rapidly. The 3 3/4" cutterhead produces a smooth, even surface in one pass.

The base is bored 1 5/16" on two sides to permit the use of standard 1" pipe. Pipes, angle irons, and clamps are not supplied but may be purchased from any mill supply distributor.

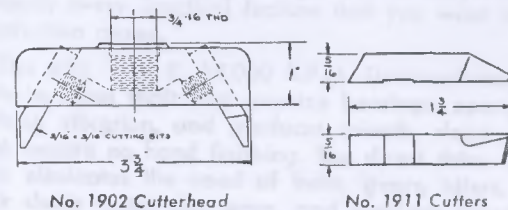
Depth of cut is determined by lowering the motor in the base. The motor casing is threaded and carries a graduated adjusting ring. One complete turn of the ring lowers or raises the motor 1/8" in the base.

SPECIFY—Stanley-Carter R2 surfacer, indicating choice of 115, 125, 150, 200, 230, or 250 volts, and the following will be supplied as standard equipment.

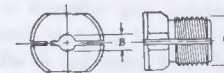
R2 Motor GA-56 Surfacing Base #1902 Cutterhead with set of 2 #1911 inserted cutters.

Net Weight 43 lbs. Shipping Weight 62 lbs.

R-2 Surfacer in Operation

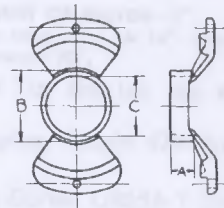


GA-54 Bracket

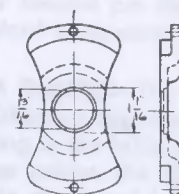


Screws into R2 chuck

No.	B	C	For
S-5803 Adapter	1/4	3/4 x 16 Thd.	1/4 Shank Bits
S-5804 "	5/16	"	5/16 " "
S-5805 "	3/8	"	3/8 " "
S-6134 "	1/2	"	1/2 " "



No.	Purpose	A	B	C
S	Templet Guide	1/2	1 1/2	1 1/4
T	" "	7/16	1 3/4	1 1/2
GA-38	" "	1/2	2	1 1/2



X3 Adapter

ATTACHMENTS AND ACCESSORIES FOR R2-3 H. P. ROUTER

GA-54 BRACKET for mounting R2 Motor. With this bracket it is possible to mount the R2 Motor in a vertical or horizontal position on old belt driven milling machines, drill presses, etc., thus converting them to high speed woodworking machines. This bracket has also been used effectively on special woodworking machinery by providing a simple and efficient holder for the R2 Motor.

SPECIFY—GA-54 Bracket and Switch. Shipping Weight 12 lbs.

CHUCK ADAPTERS—S-5803, S-5805, and S-6134 chuck adapters are included with the R2 Router as standard equipment. The S-5804-5/16" adapter may be ordered as an extra if required.

ROUTER BITS for the R2 Router are shown on pages 37 and 38.

TEMPLER GUIDES—The R2 Router includes an S Templet guide as standard equipment. The larger T and GA-38 guides may be ordered as extras when desired. These three guides are mounted directly to the GA-55 Router Base, and templet guide adapters are not required.

X3 TEMPLER GUIDE ADAPTER—For some applications it may be desirable to use RS8 templet guides with the R2 Router. The X3 Templet guide adapter, when mounted to the base of the R2 Router will accommodate anyone of the RS8 Base guides listed on page 10.

STANLEY-CARTER

HEAVY DUTY

OVERARM ROUTERS

The machines described on these two pages are our answer to the many requests for a heavy duty, high speed, 1 H. P. Router and Shaper. Into their design and construction have gone the suggestions from many customers, and the accumulation of many years of experience in producing high speed routers and shapers for the woodworking industry. They embody every practical feature that you want in a production router.

The R5A 1 H. P. 18,000 R.P.M. Universal motor, with its large shaft and oversize bearings, operates without vibration, and produces smooth, clean cuts that require no hand finishing. The direct drive feature eliminates the need of belts, gears, idlers, or jack shafts which slip, wear, and consume power.

ORS5A-1 COMBINATION ROUTER AND SHAPER

To use as a Router, a bit is fastened into the chuck of the motor unit, and the motor unit is held in the overarm. When used as a router, there is mounted under the table a templet pin holder in which are placed various sized pins for templet work. To use as a shaper, a spindle is screwed into the chuck of the motor to hold shaper cutters, and the motor unit is held in the patented tilting holder under the table.

SPECIFICATIONS

TABLE—24" x 35".

THROAT—(from bit to yoke) 20".

VERTICAL ADJUSTMENT OF MOTOR—2".

Maximum height from table to chuck 14". Shaper Motor Holder tilts backward 45°, forward 20°.

VOLTAGE—Choice of 115, 125, 150, 200, 230 or 250 volts, single phase.

Shipping Weight 475 lbs.

SPECIFY—Stanley-Carter ORS5A-1 Overarm Router Shaper, indicating voltage, and the complete machine as illustrated will be supplied. The R5A motor, S-5803 chuck adapter for 1/4" Shank Bits, S-6134 chuck adapter for 1/2" Shank Bits, S2-720 arbor (5/16" diameter) and GA-59 templet pin chuck with holder are included as standard equipment.

ORS5A-2 OVERARM ROUTER—This is a stationary Router similar to the ORS5A-1 described above except that there is no opening in the table, and it does not have the tilting shaper holder, the S2-720 arbor, or the GA-59 templet pin chuck and holder.

Shipping Weight 450 lbs.



ORS5A-1 Overarm Router Shaper