Red Devil Tools.

CATALOG NO. 21 S



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CATALOG NO. 21 S



RED DEVIL TOOLS

IRVINGTON 11, N.J. U.S.A



Rod Dovil CATALOG NUMBER 21S





GLAZIERS' TOOLS

Including the world's famous line of glass cutters for every type of glass, and other Red Devil glazing tools—the most complete line.

PUTTY KNIVES and WALL SCRAPERS PAGES 23 to 34

Comprising the finest line of Putty Knives. Wall Scrapers, painters' cutlery, and wall paper tools - regardless of price.

WOOD, PAINT, and GLASS SCRAPERS PAGES 35 to 46

The largest line of scrapers for every purpose in a complete range of sizes. Also sandpaper holders and ready-cut sandpaper.

PAINT CONDITIONING MACHINES

Put pep in your paint and other liquids with any one of the full line of Red Devil paint conditioners or mixers.

FLOOR CONDITIONING MACHINES PAGES 59 to 80

Floor Polishers, Sanders, Edgers, and accessories for every job. For rentals or sales. Available from a single source; quality unmatched.

HARDWARE SPECIALTIES

Leaders in their field - Electric Fencers; Grady Wedges; Roller Painters; Metal Pot Cleaners and Sponges; Golf Tees.

GENERAL INFORMATION

All goods are manufactured and shipped F.O.B. Irvington. New Jersey. U.S.A., unless otherwise stated. Ask for current net price sheet applying

We distribute through the legitimate wholesale trade throughout the United States and Canada and through our own representatives in all foreign countries.

Free Sales Helps-attractive folders, window posters, counter displays, and loose-leaf catalog pages - are available. Also electrotypes and dealer's mats for reproduction in newspapers, catalogs, and other printed matter,

Red Devil Tools are quaranteed to be free from defects and to work perfectly.

We believe our position as the world's largest manufacturers of glass cutters, glaziers' points, putty knives, wall scrapers, wood scrapers, wedges, paint conditioners, and other products is due to: (1) quality, through constant research, precision machinery developments, and use of newly discovered materials; (2) service; (3) product saleability: and (4) our ability to keep apace of ever-changing market demands. We are continuing to devote our best efforts in these directions.

Make us your regular source of supply, taking advantage of our combined shipments on all glaziers' and painters' tools, and hardware specialties.

This catalog supersedes catalog No. 20. Please see Page 2 for General Index.

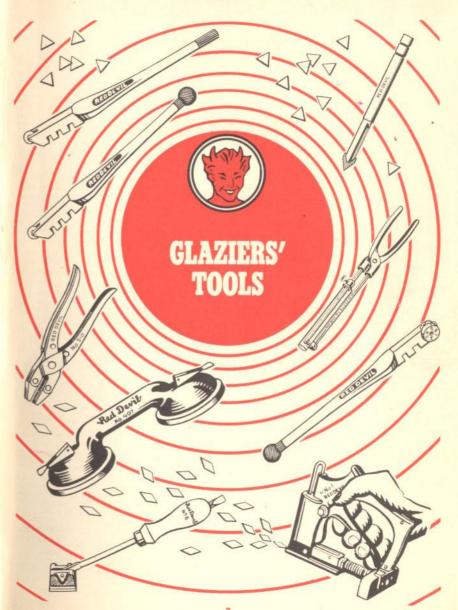
IRVINGTON 11, NEW JERSEY, U. S. A.

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Red Devil

THE ORIGINAL WORLD'S STANDARD **GLASS CUTTERS**





Universal -- For Sheet and General Glass Cutting

RED DEVIL No. 024 is known the world around as the most popular and largest selling glass cutter ever manufactured. Recent developments by RED DEVIL engineers have still further improved No. 024 and it is truly the leader in our standardized line of Modern-line RED DEVIL Glass Cutters.

QUALITY FEATURES

No. 024—overall length 5". RED DEVIL standard design easy finger rest handle-long reach headbright red handle- (RED DEVIL and RED HANDLE trademarks registered.) Oversize bronze bearing -Pregregsed.

Uses RED DEVIL No. 242 wheel (see page 13).

RED DEVIL NO. 024 -12 IN OPEN TYPE DISPLAY. 5 GROSS IN CASE, WEIGHT 54 LBS.

CONFORMS WITH GOVERNMENT SPECIFICATIONS





While RED DEVIL No. 024 is well called the original World's Standard Glass Cutter, RED DEVIL No. 023 fully justifies the title of the original World's Standard Ball Knob Glass Cutter. This cutter with its famed Ball Knob, developed for use in cutting all types of glass wherever tapping is advisable.

QUALITY FEATURES

No. 023 - overall length 5". RED DEVIL standard design easy finger rest handle-long reach headbright red handle (RED DEVIL and RED HANDLE trademarks registered). Oversize bronze bearing -Pregregsed.

Use RED DEVIL No. 242 wheel (see page 13).

RED DEVIL NO. 023 -12 IN OPEN TYPE DISPLAY. 5 GROSS IN CASE, WEIGHT 56 LBS.

A Word About MODERN-LINE RED DEVIL GLASS CUTTERS

Modern-line cutters shown on these pages are designed for all modern types of glass. There are thirteen models.

The handles have been standardized for the entire line, permitting uniform use. Research and field experiments resulted in a handle that fits the hand, with an easy finger rest that prevents callouses and makes cutting effortless. Cutter can be grasped either way and still balance nicely. Head has extra long reach.

Only RED DEVIL wheels are special alloy steel, pre-

cision made. A new process of pressing the edge and grinding and honing has developed a uniformly smooth wheel which needs no breaking in and assures keener, lighter, cuts. Exclusive electrical hardening equipment makes the wheels tougher and gives them still longer life.

Oversized axle made of hard, smooth drill rod makes RED DEVIL Glass Cutters the smoothest running bearing possible.

All modern-line cutters are pregregged and rustproofed. See page 12 for valuable hints on cutting

WORLD FAMOUS GLASS CUTTERS



Rod Dovil

THE ORIGINAL GLASS CUTTERS

For Cutting Plate, Heavy, Laminated and Polished Glass



No. 031

This redesigned cutter, is identical with RED DEVIL No. 024 (Page 4) except that it has a special wheel, developed by RED DEVIL engineers in co-operation with the largest glass plant in the world, designed specially for the cutting of plate and other polished glass. It is useful for safety glass, all heavy and polished glass and for pattern cutting. The specially developed wheel needs no breaking in. Should not be used on hard sheet or window glass if special cutting edge is to be preserved.

QUALITY FEATURES

No. 031-overall length 5"-RED DEVIL standard design easy finger rest. Modern-line handle-Long reach head-Oversize bronze bearing-Pregreased.

Uses RED DEVIL No. 232 Wheel (see page 13).

RED DEVIL No. 031-12 IN OPEN TYPE DISPLAY, 21/2 GROSS IN CASE, WEIGHT 25 LBS.



This special cutter for plate, polished and all smooth glass, is the same as the No. 031 above, except that it uses ball handle, and is rapidly replacing the old type plate glass cutters. Has the standardized ball knob with special glass wheel, as explained above. It is identical to the modern line No. 023 (See Page 4).

QUALITY FEATURES

No. 032-overall length 5"- Modern-line ball-knob handle - plus all features of No. 023 Cutter.

Uses RED DEVIL No. 232 Wheel (see page 13).

RED DEVIL NO. 032-12 IN OPEN TYPE DISPLAY, 21/2 GROSS IN CASE. WEIGHT, 28 LBS.

DISPLAYS EXCLUSIVE WITH RED DEVIL

This special display is the first successful method of packing glass cutters in a neat counter container that is open-to-the-eye. Eliminates loose stock, oil soaked wrappings, individual boxes that most often must be opened before the sale is completed—and adds that touch of real merchandising that makes for high turn-over.

The top opens in half to create display panel. Each glass cutter is wedged between cardboard flanges and set in special slot to protect

The Nos. G 1, G 2, 024, 023, 031, 032, 45, G 5, 888, G 8, 08, 06, are packed in these Open Displays.





Red Devil CARBIDE GLASS CUTTER

FOR LONG LIFE, GREATER PENETRATION, MINIMUM "BURRING," LESS EFFORT IN GLASS "PARTING."



Carbide Glass Cutters are packed individually in transparent plastic tubes. No. C888

Utilizing Tungsten Carbide, long recognized as the "hardest metal known to man." RED DEVIL C888 Glass Cutters permit a relatively longer life than the standard steel wheel and offer certain advantages in use: greater penetration in cutting and greater ease in parting the glass after use of the glass cutter.

The life of a glass cutter really depends on how much it is used and what kind of glass it is used to cut but the unique feature of the RED DEVIL CARBIDE Glass Cutter is the arrangement whereby it may be returned for resharpening (at a nominal fee).

When sent in for resharpening the wheels are washed, the axle removed and hole inspected, the wheel resharpened on a diamond grinding wheel, and a new axle is installed. The whole cutter is "good as new," ready again for intensive and exacting service.

RED DEVIL No. C888—Packed one in transparent tube, 12 tubes in box, weight 1 Doz, 1 Lb.

CARBIDE GLASS CUTTER WHEELS IN PACKAGES OF ONE DOZEN

Glass Cutter Wheels with the prefix "C" as shown on Page 13 are supplied for factories and large users in especially designed packages of one dozen.

Each wheel and axle is carefully protected, in individual sections with transparent plastic "window," A package that effectively solves the problem of safequarding and storing precision glass cutter elements.

INDIVIDUALLY PACKAGED CARBIDE GLASS CUTTER WHEELS

For single orders and for resale the RED DEVIL Individual Package is used for these wheels and axles of the "C" series (see Page 13). Colorful, practical, fitted with plastic window.



WORLD FAMOUS GLASS CUTTERS



Red Devil

G 8 All Aluminum

REFILL WHEEL GLASS CUTTER

Factory Standard Model



No. G 8



As in No. 888 this Spring Steel Holder opens easily for the insertion of refill wheels. Axlewheel unit slides into Holder quickly and securely, producing a smooth bearing. Now of lighter weight, non-rusting All-Aluminum construction. This Red Devil Refill Wheel Cutter is ideal for glass factories and other large users. The new One-Piece Wheel and Axle in this glass cutter is made from very tough alloy steel with oversize bronze axle. Both wheel and axle turn in spring steel holder (illustrated to the left), making a smooth bearing.

QUALITY FEATURES

New All-Aluminum construction, easy finger rest, modern-line handle. Will outlast a gross of wheels. Long reach head with edge broken for cutting with rule. Overall length 5".

For this refill wheel glass cutter use Red Devil wheels as follows:

No. 100 wheel for sheet or Fourcault glass

No. 101 wheel for plate or polished glass

No. 102 wheel for hard or art glass

RED DEVIL No. G 8-12 IN OPEN TYPE DISPLAY, 5 GROSS IN CASE. WEIGHT 28 LBS.

REFILL WHEEL GLASS CUTTERS

Factory Standard Model





This Spring Steel Holder opens to receive exclusive Red Devil wheel. Wheel-axle unit slides into steel holder quickly and securely. Refill wheel cutter redesigned with new Red Devil features for glass factories and other large users. The new One-Piece Wheel and Axle Unit in this glass cutter is made from very tough alloy steel with oversize bronze axle. Both wheel and axle turn in spring steel holder (illustrated to the left), making a smooth bearing.

QUALITY FEATURES

New easy finger rest, standard for all new Red Devil Cutters. Will outlast a gross of w..eels. Long reach head with edge broken for cutting with rule. Overall length 5° .

For this refill wheel glass cutter use Red Devil wheels as follows:

No. 100 wheel for sheet or Fourcault glass

No. 101 wheel for plate or polished glass

No. 102 wheel for hard or art glass

RED DEVIL No. 888-12 IN OPEN TYPE DISPLAY. I GROSS IN CASE. WEIGHT 10 LBS.



Red Devil

G1 All Aluminum GLASS CUTTERS



No. G 1

Companion piece to the World's Standard line of Red Devil Glass Cutters, the new G I All Aluminum Glass Cutter, makes cutting glass as effortless as using a lead pencil. Same famous ball knob, finger fitting, handle as our No. 023, developed for cutting all types of glass where tapping is advisable. Fully rustproof, the new G I All Aluminum Glass Cutter won't rust in transit, won't rust in the kit, won't rust in use.

QUALITY FEATURES

No. G 1 - overall length 5" - Red Devil All Aluminum, standard design, easy finger rest handle long reach head. Pre-greased, oversize bronze bearing.

Use RED DEVIL No. 242 Wheel (see page 13).

RED DEVIL NO. G 1- 12 IN OPEN TYPE DISPLAY. 5
GROSS IN A CASE SHIPPING WEIGHT 28 LBS.

Red Devil

G 2 All Aluminum GLASS CUTTERS



No. G 2

Now made entirely of aluminum, except for the wheel, this famous Red Devil glass cutter is designed for all sheet and general glass cutting. Same design as No. 024, the most popular and best selling glass cutter ever manufactured. The new light weight of its All-Aluminum construction, makes it doubly popular with professional glaziers. Won't rust in transit, won't rust in the kit, won't rust in use.

QUALITY FEATURES

No. G 2 - All aluminum construction. Overall length 5" - RED DEVII. standard design easy finger rest handle - long reach head - red handle. - Hard. smooth. oversize bronze bearing, pre-greased. Use RED DEVII. No. 242 Wheel (see page 13).

RED DEVIL NO. G 2 - 12 IN OPEN TYPE DISPLAY. 5
GROSS IN A CASE. SHIPPING WEIGHT 26 LBS.

WORLD FAMOUS GLASS CUTTERS



Red Devil

All Aluminum

TURRET HEAD GLASS CUTTERS

For Factory and Outside Use



Our famous Turret Head glass cutter; lighter easier

to use, always rustproof because it's All-Aluminum.

Replaces our famous No. 48 Refill Wheel Cutter. 6

sharp Red Devil wheels, always ready to rotate at

the turn of a screw, are fitted into the one piece Hard-

ened Turret Head. The All-Aluminum G 5 Cutter is better than ever for outside workers, sash glaziers,

painters, better too for production work in glass factories. Equipped with modern-line handle and ball knob for use wherever tapping is advisable.

No. G5



QUALITY FEATURES

No. G 5 All-Aluminum - overall length 5" - Red Devil standard design easy finger rest modern line ball knob, aluminum handle, one piece turret head.

Uses Red Devil No. 42 Wheel (See page 13).

RED DEVIL NO. G 5 -12 IN OPEN TYPE DISPLAY: 5 GROSS IN CASE. WEIGHT 32 LBS.

DEVELOPED TO CONFORM WITH GOVERNMENT SPECIFICATIONS

STANDARD GLAZIERS' WOOD HANDLE MODEL



No. 7



Six Wheel Turret.
Turret and Axle One Piece.

Preferred by many glass workers. Red Devil No. 7 is the original type Turret Head Glass Cutter with mahogany finished wood handle. 6 sharp wheels are always ready in the turret head, which can be turned so as to put the six wheels in action successively by merely loosening the screw holding the turret to the frame.

QUALITY FEATURES

No. 7—Overall length 5". Polished mahogany finished handle. Six Red Devil Wheels mounted in one piece hardened turret head.

Uses Red Devil No. 42 Wheel (See Page 13).

RED DEVIL No. 7-12 IN A BOX. 1 GROSS IN CASE. WEIGHT 10 LBS.



Red Devil

MAGAZINE REFILL WHEEL GLASS CUTTER

For General Glass Cutting and Tapping



No. 45

The original metal handle magazine glass cutter redesigned for present-day needs. Six extra wheels in reserve are carried in ball of standardized handle so constructed that the dull wheels can be easily and in-

stantly removed and quickly refilled. An extra heavy ball head for tapping glass is also provided in the handle end. Cutters are shipped with seven wheels.

QUALITY FEATURES

No. 45—overall length 5"—Red Devil standard design, easy finger rest, modernline handle with magazine holding 6 extra wheels. Pregreased.

DEVELOPED TO CONFORM WITH GOVERNMENT SPECIFICATIONS
For this refill wheel glass cutter use Red Devil wheels as follows:

No. 100 wheel for sheet or Fourcault glass

No. 101 wheel for plate or polished glass

No. 102 wheel for hard or art glass

RED DEVIL No. 45-12 IN OPEN TYPE DISPLAY, 1 GROSS IN CASE. WEIGHT 18 LBS.

SPECIAL GLASS CUTTERS

For Extra Hard Glass



No. 08

Quality Features

No. 08 - overall length 5". All features of No. 024 cutter.

Uses RED DEVIL No. 241 Special Wheel. (See Page 13).

RED DEVIL No. 08-12 IN OPEN TYPE DISPLAY. 2 1/2 GROSS IN CASE. WEIGHT 25 LBS.

For Template Cutting



Designed to be used for cutting glass when templates or thin paper patterns are used. The small 5/32" inch wheel makes it easier to use a "push" rather than "pull" movement of the cutter and precisely follow pattern guide lines.

This redesigned cutter identical with the new No. 024

except for the special wheel, has been developed for

use where the ordinary glass cutter falls down. Spe-

cially useful for vitrolite, carrara, stippolyte, opalescent and all extra hard glass. Equipped with easy

finger rest RED DEVIL standard design handle.

No. 06

Quality Features

No. 06—overall length 5". Handle same as 024 cutter. Uses RED DEVIL No. 252 Special Wheel (specify this number when ordering).

RED DEVIL No. 06-12 IN OPEN TYPE DISPLAY. 2 1/2 GROSS IN CASE, WEIGHT 25 LBS.

WORLD FAMOUS GLASS CUTTERS



Red Devil

REFILL WHEEL GLASS CUTTERS

Standard Wood Handle Model



Pertundand

Many expert glaziers prefer RED DEVIL No. 999, the 3-notch refill with mahogany finished wood handle, and polished steel head. All other features similar to No. 888.. Overall length 5".



The new One-Piece Wheel and Axle in the above glass cutter is made from very tough alloy steel with oversize bronze axle. Both wheel and axle slide into steel holder easily. A trial of this wheel developed by Red Devil engineers will show the very latest in glass cutting smoothness, longevity, and economy.

For this refill wheel glass cutter use Red Devil wheels as follows:

No. 100 wheel for sheet or Fourcault glass

No. 101 wheel for plate or polished glass

No. 102 wheel for hard or art glass

RED DEVIL No. 999-12 IN BOX. 1 GROSS IN CASE. WEIGHT 9 LBS.

GAUGE GLASS CUTTERS



Modern-line Gauge Glass Cutter

The New No. 90 is a new style Gauge Glass Cutter of the highest RED DEVIL quality. Special plier type handle—very simple to use for accurate results. Cuts glass tube up to 6 inches. Rod is scaled in 1/16 inches. Overall length is 13 inches. Fitted with highest grade. No. 42-S RED DEVIL Replaceable wheel (See page 13).

Developed to conform with Government specifications. RED DEVIL NO. 90 —1 IN BOX. WEIGHT 1 LB.

Engineer's Gauge Glass Cutter

The No. 9 RED DEVIL Gauge Glass Cutter is recognized as the world's standard style. Pistol grip lever attachment for applying and holding pressure. Large rest for tubes. Cuts glass tube up to 7 inches. Overall length 13 inches. Fitted with highest grade. easily replaceable No. 42-S RED DEVIL wheel (See page 13).

RED DEVIL NO. 9 —6 IN BOX. 1 GROSS IN CASE. WEIGHT



No. 9

11

ROSE TOOLS, INC.



Red Devil HOW TO CUT GLASS



The following instructions, if carefully observed, will enable anyone to cut glass without difficulty.



FIRST Wipe off or clean the glass thoroughly before starting.

Be sure that the glass is flat and level on the table.

If possible use a large piece of felt under the glass.

SECOND Dip the wheel in a light body motor oil, not turpentine. A mixture of one part motor oil and one part kerosene is ideal.

THIRD Place the cutter between the first and second fingers, thumb on underside of handle (see illustration).

FOURTH Start the wheel on the far side of the sheet of glass from you ('\gamma'' from far edge)—hold your cutter erect so that the wheel will revolve easily, make a straight, even stroke. The cut must be made continuous across the whole surface or the glass will run to one side.

FIFTH Press just hard enough to make a fine hair line on the glass. If you press too hard the glass will flake or burn—this is wrong.

SIXTH Run the cutter wheel entirely across the glass (allow your cutting wheel to drop off the pane).

SEVENTH Use straight edge (brass or wood edge rule) when available, making allowance for V_2 width of cutter head when measuring.

EIGHTH To break the glass hold the pane firmly between the first finger and thumb with both hands (side nearest to you) give the glass a slight bend and it will break or "trum" the entire length of the cut. (Alternate method-Place end of the cutter handle or wooden match stick under end of cut on side towards you and press down on glass each side of cut with thumb). For breaking off narrow strips use the breaker in the head of the cutter (there are different size.

breakers for each thickness of glass.) For breaking plate or heavy glass use RED DEVIL Glass Pilers, taking pilers up to within $1/6^{\circ}$ of the cut.

Tapping the glass gently under the cut will make the glass run or part easier. Always break the glass immediately after cutting as once the cut gets "cold" the glass will not part readily.

NOTES—Do not hold the cutter too firmly. Allow it to rest on the thumb and press gently with the first two fingers on top, until you have pressed sufficiently hard to make a fine hair line.

A glass tool is a precision tool and needs lubrication to work smoothly but do not use turpentine as this will gum up the wheel and axle.

In order to avoid webbling of the wheel, good glass cutters are made with a very narrow and deep slot and any sickly substance getting into this slot rapidly stops the wheel rom turning freely. This deep slot acts as an experience of the RED DEVIA. Glass Cutters are pregreased in this reservoir. This eliminates any necessity of felt wicks or other reservoirs and at the RED DEVIA cutter will last almost indefinitely with-

A clean 1/32 gallon paint can with cotton or rag in the bottom and just enough light oil in the bottom to cover the cutter wheels makes a very fine permanent holder for your cutters when not in use.

As glass varies in hardness (polished, plate, etc., is soft; opalescent, vitrolite and many window glasses are hard) it is best to use a special cutter for softer glass. A RED DEVI. 024 or 023 that has been used or broken in is ideal for use on

Red Devil

GLASS CUTTER WHEELS

RED DEVIL Wheels are the only uniform, precision made, modern glass cutter wheels. Their excellence has been universally accepted since 1872. Constant research, developments in precision machinery, and newly discovered alloy metals, keep RED DEVIL Wheels apace with the constant developments in glass. A new method of pressing the edge and grinding and honing has developed a much smoother wheel which needs no breaking in. Exclusive electrical hardening equipment makes the wheels tougher and gives them still greater life.

The Red Devil Glass Cutter Wheel chart on the opposite page has been designed to include only the standard or regular types of Red Devil wheels for the most common glass-cutting jobs. Upon request special wheels to meet specific requirements can be made up.

Red Devil GLASS CUTTER WHEELS

Wheel No.	Wheel Dig.	USED IN	GLASS TO BE CUT	AXLE TYPE	
242	7/32"	Nos. 024, 023, G1, G2	For general glazing all sheet, window glass, Fourcault, etc.	Loose Axle and Wheel	
242-S	7/32"		For all thin glass where light pressure is required, etc.	Loose Axle and Wheel.	***********
232	7/32"	Nos. 031, 032	For all plate, polished and laminated, etc.	Loose Axle and Wheel.	************
241	7/32"	No. 08	For hard, structural, art, opalescent, rolled glass, and tile.	Loose Axle and Wheel.	***************************************
252	5/32"	>> <a>	For cutting circles where small wheel is required, etc.	Loose Axle and Wheel.	***************************************
42	5/32"	Nos. 7, G5, 247 Turrets	For general glazing.	Loose Axle and Wheel.	
42-S	5/32"	Nos. 90, 9 Tube Cutters	For hard glass, tubing, etc.	Loose Axle and Wheel.	
98	5/32"	Swivel Posts for Klages Ma- chines	Odd shape cutting, etc.	Refill one - piece Wheel and long Axle.	Same edge finish as 242
98-S	5/32"	Swivel Posts for Klages Ma- chines	Odd shape cutting where sharper Wheel is required.	Refill one - piece Wheel and long Axle.	Same edge finish as 100-
100 C100	7/32"	Nos. G8. 45, 888, 777, 999 Refill Glass Cutters; and Nos. 263, 274, 275, 276, 386 Circle Cutters Same (Tungsten Carbide)	For all general glazing, all sheet and window glass, Four- cault, etc.	Refill one - piece Wheel and Axle.	Same edge finish as 24
100-S	7/32"	Nos. G8, 45, 888, 777, 999 Refill Cutters	Where sharper edge is required.	Refill one - piece Wheel and Axle.	Same edge finish as 98
101 C101	7/32"	Refill Glass Cutters	For all plate, polished, and laminated glass, etc.	Refill one - piece Wheel and Axle.	Same edge finish as 2
102 C102	7/32"	Nos. G8, 45, 888, 777, 999 Refill Cutters	For hard, structural, art, opal- escent, and rolled glass, etc.		Same edge finish as 2
102-5	7/32	Nos. G8, 45, 888, 777, 999 Refill Cutters	For all thin glass where light pressure is required, etc.	Refill one - piece Wheel and Axle.	
103 C103	5/32	Cutters	Tile.	Refill one - piece Wheel and Axle	
272 C272	5/32"	Lens Cutters	Optical glass.	Special Tubular Axle with spring.	

On a made-to-order basis any custom-built glass cutter wheel can be produced by Red Devil's Engineering Department. Please supply full data and requirements on your special type of glass-cutting job with order. Any type wheel can be supplied in Tungsten Carbide.

VACUUM CUP GLASS HOLDERS



"Put α handle on Glass," by using RED DEVIL Single Vacuum Cup Glass Holder No. 408 for small sizes of plate, crystal, window and structural glass, mirrors, gramite, marble, plastic and micaboard, porcelain, enamel.

Sturdy construction gives operator positive control of the material on which it has been placed. The lever used to raise the rubber disc to create vacuum or suction is countersunk in the sturdy hand fitting handle when not in use.

Tool is constructed of cast aluminum which supports the disc and keeps it in rigid position.

When the $4\,1/2^{\prime\prime}$ cup is properly attached, it is impossible to remove tool without breaking the vacuum.

RED DEVIL NO. 408 -1 IN BOX, WEIGHT 11/2 LBS.

No. 408

RED DEVIL Vacuum Cup Glass Holder No. 407 with "French-phone" grip is equally convenient in the shop or out on the job. Will lift 125 pounds or more and break the suction created by two pieces of glass placed together. Structural glass, glass shelves, or show cases easily placed in exact position.

When the two 4½" vacuum cups are attached, it is impossible to remove the tool without breaking the vacuum. Length 12½" overall.



No. 407

RED DEVIL NO. 407-1 IN BOX. WEIGHT 21/2 LBS.



The new style RED DEVII. Vacuum Holder or lifter is a sturdy, safe lifting device, capable of holding as much weight as a strong man can lift. Highly popular for all lifting, parting, pushing, raising, lowering, or carrying glass, marble, granite, etc. It is also being used by many industries, such as some automobile companies that use this holder for lifting solid steel tops onto the bodies.

Made in three models with highly finished body and thick base of tough.

durable rubber, disc shape creates greater vacuum surface. Ample
swivel handle with rubber grip permits easy carrying.

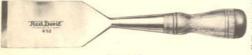
No. 413

RED DEVIL NO. 412-(NOT ILLUSTRATED)-4" DISC. PACKED 1 IN A CARTON. WEIGHT 1 1/2 LBS.

RED DEVIL NO. 413-6" DISC. PACKED 1 IN A CARTON. WEIGHT 21/2 LBS.

RED DEVIL NO. 414 - (NOT ILLUSTRATED) -7" DISC. PACKED 1 IN A CARTON. WEIGHT 3 LBS.

GLAZIERS' CHISEL



No. 452

Standard style, square side chisel preferred by many glaziers. Socket handle, and high polished steel blade, 10 1/2" overall length. 4" wood handle.

RED DEVIL No. 452 - 11/2-SIZE 11/2". 12 IN BOX. WEIGHT PER DOZEN, 7 LBS.

RED DEVIL No. 452 - 2 - SIZE 2". 12 IN BOX. WEIGHT PER DOZEN, 8 LBS.

Rod Devil

GLASS DRILLS

THEY'RE CARBIDE-TIPPED — WILL FIT ANY ROTARY,
PORTABLE, ELECTRIC, OR HAND DRILLS



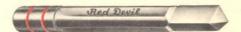
The perfect tool for machine drilling on glass. Drills smooth, accurate holes with minimum of effort.

SPEAR-POINT CARBIDE DRILL

For the best and fastest results in glass drilling, nothing can compare with Red Devil Glass Drills, whose keen cutting edges are tipped with that hardest metal made by man—Cemented Tungsten Carbide. Closely approaching diamond hardness, this ultrahard metal assures more holes per grind, more holes per drill, without resharpening. These drills, used on all grades and thicknesses of glass, are still another example of Red Devil's policy of supplying the glass industry with tools that reduce operating costs without sacrificing quality of material or construction.

Red Devil Carbide Glass Drills are equipped with two different types of cutting points: the spear-point and triangle-point. The spear-shaped drill is especially designed for machine glass drilling and even for holing hard ceramic materials. The triangle-pointed drill, with its fluted construction that permits the easy escape of loosened glass particles is recommended for intensive production operations. No matter what the job or cutting point selected, Red Devil's drills eliminate the danger of costly breakage, regardless of the bore angle or the thickness of the material.

Recommended for drilling glass by band. Fluted construction quickly carries off glass particles.



TRIANGLE-POINT CARBIDE DRILL

SPECIFICATIONS

ORDI	ER No.	m	Sho	ınk
Spear- Point	Triangle- Point	Drill Diam.	Diam.	Length
216 316 416	216 T 316 T 415 T	3/16" 1/4"	3/16" 3/16" 14"	3
516 616 716 816	516 T 616 T 716 T 816 T	5/16" %" 7/16"	11/32" 13/32" 15/32"	3" 3 ½" 3 ½" 3 ½"

Red Devil Gioss Drills, like all quality and precision-made tools, will withstand the toughest of wear only when properly used and maintained. The brief instructions below will help you to get the most —operating efficiency and long wear from your drills.

DRILLS PACKED INDIVIDUALLY IN OIL-CONTAINED, AIR-TIGHT TUBES



All Red Devil Carbide Glass Drills are packed individually in permanent, cellulose-acetate tubes with metal-screw tops, each air-light tube containing a reservoir of oil-scaked cotton.

HOW TO USE RED DEVIL CEMENTED CARBIDE GLASS DRILLS

- I. Glass must be well supported and firmly held to prevent slipping.
- Use plenty of coolant. Water is best although typentine may be used. If convenient, drill under water for best results.
- Operate drill at 200 to 1.000 R.P.M., according to size of drill and nature of material. Experience dictates proper speed for each particular job.
- Never force the drill. Use just enough pressure to keep drill cutting.
- Keep drill firmly and properly held in chuck. Avoid any detectible wobble or chatter.
- KEEP DRILL SHARP. A sharp drill is your insurance against breakage. Grind drill to run and cut clock-wise. Keep drill clearance the same as factory grind. Use Norton 34 100H+7 or Carborundum 100S-WHG. or 80S-WHG.



Red Devil

CIRCLE GLASS CUTTING MACHINES

Improved Circle Cutting Machine Cuts Circles 1/2 Inch to 151/2 Inches

No skilled operator is required to cut perfect circles with this machine. Reliable, accurate, well made RED DEVIL product to meet the demand for a popular priced machine that combines the essentials for perfect easy cutting in a wide range of sizes. Has an Adjustable Crank. Enclosed Steel Bearings and a Rod scaled in 1/16 inches.

Uses No. 100 Refill wheel and axle.

RED DEVIL NO. 386-1 IN A CARTON, WEIGHT 11 LBS.



No. 386



PARTS FOR #386 CIRCLE GLASS CUTTER

	Wh		

1042 Graduated Bar

1043 Tee Head

1044 Bushing

1045 Wing Collar Screw

1046 Wing Set Screw

1047 Shaft

1048 Headless Set Screw 1049 Frame

1051 Spring

1053 Crank Bar

1073 Knob

1074 Wheel Retginer

1148 Base Board

1148 Dase Board

1675 Base Board Bolts

CIRCLE SWEEP GLASS CUTTERS



*RED DEVIL NO. 274 —CUTS CIRCLES 2 TO 36 INCHES *RED DEVIL NO. 275 —CUTS CIRCLES 2 TO 48 INCHES

*RED DEVIL NO. 276 —CUTS CIRCLES 2 TO 72 INCHES

*Same as No. 283 with Rod Scaled for last 12 inches only

No. 263 Has Quick Change Wheel — Cuts Circles 2 to 24 Inches

This accurate RED DEVIL circle sweep cutter makes easy work of cutting circles of plain or plate glass in diameters of 2" to 24". The metal base has a rubber mat which prevents slipping. The graduated steel rod is scaled in 1/16 inches. Furnished with 2 extra No. 100 Refill wheels and axle.

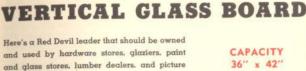
RED DEVIL NO. 263-I IN A BOX; 12 IN CARTON; WEIGHT 6 LBS.



ALL STEEL RULE

RAISED LETTERS

HORIZONTAL



Red Devil GR-1

and used by hardware stores, glaziers, paint and glass stores, lumber dealers, and picture frame shops, Also ideal for green-house suppliers, maintenance shops, and wherever sheet glass is used or sold.

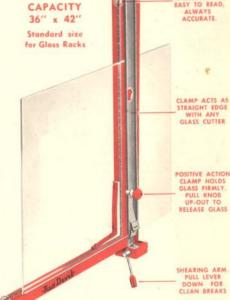
Yes, the No. GB-1 Vertical Glass Cutting Machine is rigidly square at all times. Its all-metal construction will never warp or shrink. For further accuracy, the two easy-to-read scales with raised letters are made of metal to remain true at all times. Will cut strips, as well as lites, from 5/16 inch to 42 inches.



FREE No. C-888, the miracle RED DEVIL
GLASS GUTTER with the CARBIDE WHEEL—
hardest metal made by man—is included with
each Red Devil No. GB-1 Vertical Glass Board.



Typical installation of No. GB-1 on standard glass rack.



HOW IT OPERATES

You just set the glass to measure, lock glass in clamp and cut glass along true edge of clamp. Then lower the shearing arm which "runs the cut" and severs break cleanly. Release clamp and remove glass. Easy isn't it?

RED DEVIL GB-1-Shipped in two parts complete with two Allen Screws and Wrench for quick assembly, instructions, and Wood Screws for affixing to glass rack, wall, shelf, or counter. Also included one No. RED DEVIL C-888 CARBIDE Glass Cutter.

Shipping weight 54 lbs. complete, in wooden crate.

Also available, the new RED DEVIL ROLLER GUIDE, made especially for use by inexperienced operators with No. GB-1 Glass Board. Comes complete with Allen Key for attaching to any RED DEVIL Glass Cutter.



GLASS PLIERS

Red Devil

GLASS PLIER



The finest glass plier ever made, takes the place of each and every plier up to 10". For any thickness glass, % inch or thinner. The flat upper jaw supports top surface of the glass, while the humped lower jaw, developing powerful leverage under the slightest pressure from the handles, cleanly severs the glass to a line cut.

The No. 210 RED DEVIL Glass Plier should be in every kit.

RED DEVIL No. 210 -814 INCH. POLISHED FINISH-1 IN CARTON. 6 IN BOX. WEIGHT, PER DOZEN. 12 LBS.

NEW STYLE OFFSET GLASS PLIER



These RED DEVIL Pliers were developed by us for store front construction and wherever it is necessary to get into a corner for breaking glass.

The practical glass man can break or chip plate glass in an upright position with these pliers.

RED DEVIL NO. 310-8/2 INCH-1 IN CAR-TON, WEIGHT, PER DOZEN, 12 LBS.

FLARE GRIP JAW PLIER



No. 410

This popular priced glass plier is a tool of rugged strength, nicely balanced, with the flaring wide jaw preferred by many glaziers. Full polish.

RED DEVIL NO. 410-6 INCH. 6 IN A BOX. WEIGHT, PER DOZEN, 6 LBS.

RED DEVIL NO. 410-842 INCH-6 IN A BOX. WEIGHT, PER DOZEN, 10 LBS.

GLASS PLIERS



Red Devil

NO. 510 GLASS PLIERS



RED DEVIL No. 510-812 INCH. PACKED 6 IN A BOX. WEIGHT PER DOZEN 13 LBS.



ful parallel leverage. Clearly severs up to

1/4" glass to a line cut. Spring in stream-

lined handle makes jaws self opening.

TILE PLIERS

This handy tool is made from special alloy steel, drop forged and scientifically heat treated. It combines unusual strength with light weight and is built for long, hard usage. Cuts tile up to ½" thick.

RED DEVIL No. 508 meets the demand of the trade for a popular-priced tool of improved shape, designed to make the job of nipping, cutting or shaping tile and like materials easier and to produce better, cleaner results.

RED DEVIL NO. 508-6 IN CARTON. WEIGHT PER DOZEN 8 LBS.

HEAVY GLASS NIPPER



A well built Heavy Glass Nipper with a Hump Jaw for Heavy Plate Glass—Carrara. Vitrolite, etc. It works on the same principle as Red Devil No. 210 Glass Plier. Individually wrapped.

Red Devil No. 511 For Glass Thickness Weight, Each

15 inch 1 inch 5 lbs.



POINT DRIVERS

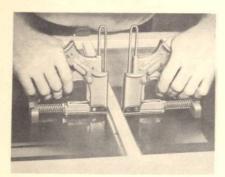
Red Devil

THE ORIGINAL WORLD'S STANDARD AUTOMATIC POINT DRIVER

This Tool Glazes Sash and Frames, Mirrors and Pictures. Any Part Can be Replaced or Adjusted by the Operator in Two Minutes.

Today's production methods require the RED DEVIL Patented Automatic Diamond Point Driver of rugged strength and power. It is now made with all red finish and has an easily operated coil spring feed. shooting points at machine gun speed into hardest wood. Unlike other drivers, points cannot drop out. due to the patented nose plate. For this reason the driver can be tilted at any sharp angle to drive points for smallest panes of glass, making it a 100% efficient, time saving tool for Furniture Manufacturers. Picture Framers, and Glaziers, sash and trim and lumber yards, or glazing on the job.

This gun allows one man to glaze more sash in an hour than five men by the old hand method with triangle points. It also eliminates the use of brads and nails for picture framing and makes a smooth back picture in jiffy time.



Note how double the amount of sash can be glazed at one time, in a single operation, by using a pair of RED DEVIL Point Drivers, as shown in photo of a housing project job.



No. DPI and No. DP2

RED DEVIL Automatic Drivers operate in any position - drive points when held at any angle. Points cannot drop out of the Magazine.

RED DEVIL No.DP-1 (Illustrated) is the standard for use in glazing sash, storm windows, cold frames, hot beds, etc. Recommended for use on very small picture frames. Uses No. 1 points. 5%" long.

RED DEVIL No. DP-2 is the standard for reglating old sash where wood is soit. Recommended for average size picture frames, etc. Same as No. DP-1, except it shoots the larger No. 2 points, which are 12" long.

BOTH PACKED 1 IN A CARTON WITH EXTRA DRIVING PLATE. 12 IN A CASE: WEIGHT 26 LBS.

See facing page for parts and parts list of Red Devil Point Drivers and for sticks of No. 1 and No. 2 points in various quantities,

GLAZIERS' POINTS



Red Devil

STE-LIKE AND PURE ZINC DIAMOND

Made by an exclusive process from especially hard metal. RED DEVIL high quality "Ste-Like" Diamond Points slip quickly and accurately into the RED DEVIL Point Drivers. (See opposite page). Treated against corrosion. They can be driven easily into the hardest wood.

We also furnish RED DEVIL Diamond Points of pure hard rolled zinc, absolutely accurate in size.

Diamond Points are evenly stacked in strong sticks of 100 each.

RED DEVIL No. 1 - DIAMOND POINTS (% INCH LONG) FOR No. DP1 DRIVER. PACKAGES OF 5,000. CONTAINED IN WOODEN BOXES OF EITHER 9 PACKAGES (45,000) OR 36 PACKAGES (180,000). WEIGHT-9-PACKAGE BOX, 10 LBS.

RED DEVIL No. 2 - DIAMOND POINTS (1/2" LONG) FOR No. DP 2 DRIVER. PACKAGES OF 4.000, CONTAINED IN WOODEN BOXES OF 8 PACKAGES (36,000), WEIGHT-8-PACK-AGE BOX. 14 LBS.







RED DEVIL DIAMOND POINTS

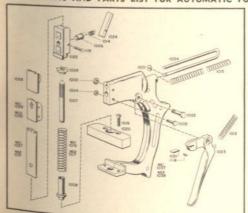


RED DEVIL Diamond Points are packed in a special (Patent App. For) package which prevents breaking.

If conditions permit, aluminum diamond points will be available. Experience indicates that aluminum points give top-quality service.

Rod Dovil

PARTS AND PARTS LIST FOR AUTOMATIC POINT DRIVERS Nos. DP1 AND DP2



1001	Nut for Feeder	1020	Heel Block
1002	Nut for Trigger	1021	Sear
1003	Trigger Bolt	1023	Trigger
1004	Nut for Guide Plate		
1005	Guide Plate Bolt	1025	Ram
1006	Lock Stud	1026	Guide Plate No.
1007	Ram Bolt	1027	Drive Plate No.
1008	Bushing	1028	Nose Plate Shoe
1009	Ram Bolt Nut	1030	Guide Plate No.
1013	Trigger Spring	1031	Drive Plate No.
1014	Key Spring	1034	Feeder
1015	Feed Spring	1037	No. 1 Frame
1016	No. 1 Drive Spring	1038	No. 2 Frame
1017	No. 2 Drive Spring	1118	Sear Rivet
1019	Heel Block Screw	1119	Key Pin
	(2 to driver)	1120	Frame Rivet
	FOR RAM ONL		

25	Ram		1014	Key	Spring	
	Lock	Stud	1119	Key	Rivet	
124	Kev					

COMPLETE RAM ASSEMBLY CONSISTS OF

119	Key Rivet	1008	Bushing
	Key Spring		(No. 2) Drive S
024	Key		(No. 1) or 1017
006	Lock Stud		Ram Bolt Nut

No. 1) or 1017

Note: When ordering repair parts, order by number and specify whether for No. DP1 or No. DP2.



GLAZIERS' POINTS

Red Devil

TRIANGLE POINTS IN COUNTER







No. 21

These display boxes of RED DEVIL Triangle Points do away with passing out Triangle Points in wasteful loose quantities. This idea substitutes sure profit for a sure loss caused by the use of common tack box type of containers. All packages Packed Zinc Coated, Size No. 2 unless otherwise ordered. (See below for RED DEVIL Glaziers' Hammer.)

Each individual package of RED DEVIL Triangle Points includes a Point Driving Tool, a handy piece of metal for setting points.

RED DEVIL NO. 20-12 PACKAGES IN COUNTER DISPLAY. 5 GROSS OF PACKAGES IN CASE: WEIGHT 125 LBS.

RED DEVIL NO. 21-SAME STYLE PACKING AS NO. 20 EXCEPT LARGER. 24 GROSS IN CASE: WEIGHT 110 LBS.

RED DEVIL Triangle Points are furnished of Pure Zinc and Zinc Coated Stock in attractive packages of 1/2 lb., 1 lb., 25 lb., and 50 lb. Boxes, in all sizes. Nos. 00 to 4 inclusive.













GLAZIERS' HAMMER

22

A manually operated point driver for sinking RED DEVIL Triangle Glaziers Points into toughest wood. It's not necessary to raise the No. 8 from the surface of the glass as it operates on a swivel foint principle-creating extra force with-

Saves breakage and assures perfect glazing without wasted or bent points, the very best glaziers' hammer on the market 10" length overall. 4" wood handle painted bright red. End of handle has good screw driver or chisel.



WEIGHT PER DOZEN 9 LBS.



Red Devil TOOLS - - MOST WANTED FOR QUALITY AND USEFULNESS BY PAINTERS AND GLAZIERS



Painters, glaziers, paperhang Red Devil's line of painters and ers, tileworkers, as well as the homeowner, have for some time looked to Red Devil as their main source for precision-made, high quality mechanics' tools. This continued expression of confidence acts as a potent, stimulating force behind Red Devil's pledge to meet these trade needs at all times with products backed by the best engineering skill and manufactured for the highest degree of utility, serviceability, and wear.

glaziers' cutlery is all-inclusive There are models and styles for every job: tools for the professional who stresses durability and at fectiveness; tools for industry-wide building maintenance where costs are a big factor; tools for the small local contractor or for the large housing-project operator: and there are tools for the hands householder for those weekend patch-up jobs.

A WIDE RANGE OF TOOLS IN MANY STYLES

Whether an extra heavy stiff blade or one as ferred where professional results, over a long flexible as a fine foil—a handle of rare, hard wood or modern tenite-wide blade, thin blade, bent blade, mirror bright or satin finish-none The pages in this section give complete piccan excel the built-in quality, design and timeproven usefulness of Red Devil painters' and glaziers' cutlery. The wide range of sizes, the many styles, make this Red Devil line pre- summary:

highly accurate Straight Edges.

period, are expected.

torial and factual information on Red Devil's Putty Knives. Wall Scrapers, Paperhangers' tools, and other allied items. Here's a brief

- * THREE COMPLETE SERIES OF PUTTY KNIVES AND WALL SCRAPERS—with high corbon cutlery steel blades in widths from 114" to 4", stiff, flexible, or superflex-with clip or square points-with round or oval end handles of genuine tropical hardwoods or genuine tenite-at various price ranges for any purse,
- * SASH KNIVES—with "bent" blades of varying widths for all sash work, spachtling, pointing up wall boards, etc. * BURN-OFF KNIVES—with extra long, safety handles, eliminating hand injuries.
- * PUTTY CHISELS—with long bevel chisel points and full oval handles of polished cocobolo wood.
- PUTTY SPREADERS—with extra heavy solid brass ferrules for the "he-man" who wants the best.
- * SPACHTLING KNIVES—with oversized handles and broad. 4" or 5" blades that hold "gobs" of joint cement * LINOLEUM AND ROOFING KNIVES-with cutlery tool steel. Hawk Bill blades and oversize maple handles. PAPERHANGERS' TOOLS—that include the professional Paperhangers' Knives with various blade-styles, a full line of standard quality Casing Wheel Knives, a light but large, handy-size Paper Trimmer, and precision-made and

FOR RED DEVIL'S FAMOUS LINE OF WORLD'S STANDARD GLASS CUTTERS-SEE PRECEDING SECTION OF THIS CATALOG

SIXTEEN MODELS . CUT ALL TYPES OF GLASS, ROUND OR FLAT . HAND-FITTING HANDLES ALLOY STEEL WHEELS, HARDENED BY THE "CHAPMANIZING" PROCESS . OVERSIZE BRONZE BEARINGS ALUMINUM OR STEEL CONSTRUCTION . PREGREASED, RUSTPROOF . PERFECT BALANCE



PUTTY KNIVES AND WALL SCRAPERS



Red Devil

No. P1 SERIES PUTTY KNIVES

AND WALL SCRAPERS











These RED DEVIL tools are examples of the finest quality that modern equipment and manual skill can produce - mechanics' cutlery at its best. This quality not only embraces materials used but is reflected in every detail of design and finish, including the mirror polished blades. This is a line of uniform design, in all sizes from 11/4" to 4" blade width and in various blade tempers. It gives the critical mechanic a selection of tools of very highest grade at remarkable values.

	Putty	Knives	
No.			Wt. Per Doz.
P1-1 1/45	1 1/4"	Stiff	1 lb. 14 ox
P1-1 1/4F		Flexible	1 lb. 12 ox
P1-1 1/2S	1 1/2"	Stiff	2 lb. 1 oz
P1-1 1/2F		Flexible	1 lb. 14 oz
P1-2S	2"	Stiff	2 lb. 6 oz
P1-2F		Flexible	1 lb. 15 oz

Quality Features

Blade High Carbon Cutlery Tool Steel, Mirror Polished. Oil Hardened and Tempered and Full Taper Ground under water. Etched with Brand and Stock Number. Putty Knives-Square Point. Scrapers-Clip Point.

Handle-Genuine Nicaraguan Cocobolo or Rosewood. Full Oval End. Wax polished by hand. Bolster-White Alloy. Cast through Tang of Blade.

Rivets—Two Brass Pins, One Brass Saw.

Packing—One dozen in Display Box.

Wall Scrapers

P1-2 1/2S P1-2 1/2F P1-2 1/2SF	2 1/2"	Stiff Flexible Superflex	2 lb. 15 2 lb. 4 2 lb.	
P1-35 P1-3F P1-35F	3″	Stiff Flexible Superflex	3 lb. 6 2 lb. 9 2 lb. 5	oz.
P1-3 1/2S P1-3 1/2F P1-3 1/2SF	3 1/2"	Stiff Flexible Superflex	3 lb. 7 2 lb. 9 2 lb. 5	oz.
P1-45 P1-4F P1-45F	4"	Stiff Flexible Superflex	3 lb. 14 2 lb. 12 2 lb. 6	oz.



No. P 2 SERIES WALL SCRAPERS





w)

In order to meet the demand from a large number of mechanics for a tool with an oversize handle, we have developed this group of four wall scrapers. The handle of genuine Nicaraguan Cocobolo or Rosewood is BIG, big enough to fill the largest "paw" and insure against hand cramp. We've made sure the handles won't come off by fastening them to the tongue of the blades with four (not two) solid brass saw type compression rivets and we've finished the job off with white alloy bolster cast through the blades. We've changed the blades too; broadened them along the side to give a broad spatula effect. And of course—clip point taper ground tool steel blades (stiff, flexible, or super flexible) that are oil tempered just right.

No. P2-21/25 P2-21/2F P2-21/2SF	21/2"	Sriff Flexible Superflex	Wt. Pe 4 lb. 3 lb. 3 lb.	1	Doz.	No. P2-31/25 P2-31/2F P2-31/25F	
P2-3S P2-3F P2-3SF	3"	Stiff Flexible Superflex P.	4 lb. 3 lb. 3 lb. ACKING	5 2	OZ.	P2-45 P2-4F P2-45F IN DISPLAY	BC

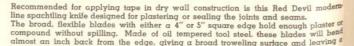
Mirror finished and etched blades.

QUALITY FEATURES

Blades of high carbon cutlery tool steel, mirror polished oil hardened and tempered and full taper ground under water. Etched with brand and stock number, clip point, handle oversize Nicaraguam Cocobolo of Rosewood. Wide oval end wax polished by hand. Bolster white alloy cast through tang of blade. Four brass say rivets.

	Wil Per Det
Stiff	4 lb. 9 at
Flexible	3 lb. 7 oz.
Superflex	3 lb. 4 or
Stiff	4 lb. 13 of
Flexible	3 lb. 9 az
Superflex	3 lb. 5 of
	Superflex Stiff Flexible

No. P12 SPACHTLING KNIVES



smooth, flat joint.

Handles are oversize and shaped to give a steady palm grip for hours of cramp-tree work. Four solid brass compression rivets and a heavy alloy metal bolster finish of this superior mechanic's tool.

OLIALITY FEATURES					
	OIL	 75.5	per per de	****	D. P.P.

BLADES: 4" or 5". flexible, square edge, high carbon cutlery tool steel, mirror polished, oil hardened and tempered and ground under water, etched with brand and stock number. HANDLE: Oversize Nicaraguan Cocobolo or Rosewood, oval end: wax polished by hand. BOLSTER: Cast through tang of blade. RIVETS: Four brass saw.

RED DEVIL No. P12-4F — 4" BLADE. PACKED 1 DOZEN IN BOX. WEIGHT 3 LBS... 10 OZS.

RED DEVIL No. P12-5F - 5" BLADE, PACKED 1/2 DOZEN IN BOX, WEIGHT 2 LBS.



Red Devil

No. P23 SERIES PUTTY KNIVES AND

WALL SCRAPERS



P23 - 11/4" P23 - 11/2" P23 - 2"

is both economical and full value.







They're as new as tomorrow, this complete all-size line of RED DEVIL Putty Knives and Wall Scrapers. The genuine tenite handles are of a new and patented construction that for the first time makes possible a full tang blade while retaining the smoothness of a solid one-piece handle. This new series of P23 knives and scrapers have two outstanding sales features: tenite handles that produce instant eye-appeal at the point-of-purchase and a price that

Supplied with black handles unless otherwise specified.

PUTTY KNIVES

240.				Wt.	Per	. Do	z.
P23-1	1/45	11/4"	Stiff	1	16.	8	oz
P23-1	1/4 F		Flexible	1	lb.	6	OI
P23-1	1/25	11/2"	Stiff	1	lb.	12	or.
P23-1	1/1F		Flexible	1	lb.	10	oz.
P23-2	s	2"	Stiff	2	lb.	2	OE.
P23-2	F		Flexible	1	lb.	13	oz.

WALL SCRAPERS

QUALITY FEATURES

ESTATIONES							
BLADE: High carbon cutlery steel. Oil hardened and	No.			Wt.	Per.	Do	Œ.
tempered. Flexible blades taper ground. Glazed Fin- ish, branded and stock are ground.	P23-21/2S	21/2"	Stiff	2	lb.	12	01
	P23-21/2F		Flexible	2	16.	0	01
PUTTY ENIVES: Square Point. SCRAPERS: Clip Point.	P23-35	3"	Stiff	3	lb.	4	01
HANDER Chp Point.	P23-3F		Flexible	2	lb.	8	01
HANDLE: Genuine tenite. Patented construction. Full	P23-31/25	31/2"	Stiff	3	lb.	6	01
HIVETS: Three 1	P23-31/2F		Flexible	2	Ib.	8	03
RIVETS: Three large brass steel "saw" type. PACKING: 1 dozen in display box.	P23-4S	4"	Stiff	3	IЬ.	12	01
in display box.	P23-4F		Flexible	2	Ib.	10	01

SPECIAL PAINTERS' CUTLERY

P19 Bent Knives

For Steel Sash Work

A RED DEVIL "Natural" for steel sash work and filling cracks in floors, pointing up wall board joints, "spachtling" trim, etc. Tempered tool steel blade ground to have the right "hang," hand polished scale tang cocobolo handle. 2 brass pin rivets, 1 large brass compression saw rivet, white alloy bolster.

READ Will

RED DEVIL No. P19 - 11/8-BLADE 11/6" BENT, 1 DOZEN IN A BOX, WEIGHT PER DOZ. 2 LBS 2 OZS

RED DEVIL No. P19 - 11/2-BLADE 114" BENT, I DOZEN IN A BOX, WEIGHT PER DOZ, 2 LBS. 6 OZS.

P15 Putty Spreader

Extra Heavy Taper Ground

Designed for the mechanic who wants a real "he-man" RED DEVIL tool and who will not be satisfied unless he gets the best. The blade is of carefully hardened tool steel and is handsomely mirror polished. The handle is solid Nicaraguan Cocobolo or Rosewood, wax polished by hand and securely pinned through the tang of the blade. Mounted with extra heavy solid brass ferrule.

RED DEVIL No. P15 - 11/2-BLADE 11/4" EXTRA HEAVY TAPER GROUND, 1 DOZEN IN A BOX, WEIGHT PER DOZ. 2 LBS.

Red Devil LINOLEUM KNIVES



ROOFING OR LINOLEUM KNIFE

Small blade Roofing or Linoleum Knife. Has taper ground hardened and tempered tool steel blade, securely pinned through tang to red varnished hardwood handle. Closed end nickel plated ferrule. A widely used practical craftsman's tool designed to RED DEVIL quality standards for sale at an attractive price. A knife that "sells itself" to all types of customers for a variety of uses.

No.	Blade	Handle	Wt. Per Doz
K25	216"	Red Varnish	

Packing: I dozen in box.



OVERSIZE HANDLE GRIP

The finest quality professional hawkbill Linoleum Knives. High carbon cutlery tool steel blades, oil hardened and tempered to absolute uniformity. Taper ground back to edge to insure free cutting and quick sharpening. Genuine oversize HAND BURNT MAPLE handle pinned through tang of blade by heavy steel pin. Closed end nickel plated ferrule.

No.	Blade	Handle	Wt. Per Doz.
K23	212"	Burnt Maple	2 lb. 5 oz.
K24	314"	Burnt Manle	2 lb 8 or

Packing: 1/2 dozen in box.

P17 Putty Chisels

Extra Heavy Straight Ground

Finest quality throughout. Extra heavy hardened tool steel blade, uniform in thickness from the handle to the end. Mirror finished. Handle is of 2-piece (scale) construction genuine hand polished Nicaraguan Cocobolo or Rosewood, permanently fixed to the blade tang by 2 brass pins and 1 large brass compression saw rivet. Lap type, heavy alloy bolster.

No. P17 - 11/4-BLADE 114" EXTRA HEAVY STRAIGHT GROUND, 1 DOZ, IN A BOX, WEIGHT PER DOZ. 3 LBS. 15 OZS.

NOTE: This tool is regularly furnished with chisel point. If full blunt point is wanted, specify No. P17-11/4B.

P1 Putty Chisel

Full Oval End Handle

The RED DEVIL No. P1-11/2C Putty Chisel is similar to the No. P17 Putty Chisel as to thickness, length of blade, mirror finishing, basic construction of handle and its permanent attachment to the blade with brass pins and compression saw rivet. However, this chisel differs from the No. P17 in that it has a Full Oval Handle and a taper-sided blade. Also it has a long bevel chisel point.

No. P1 - 11/2 C-BLADE 11/2" EXTRA HEAVY. 1 DOZ. IN A BOX, WEIGHT PER DOZ. 2 LBS. 14 OZS.



BURN-OFF KNIVES



NEW STYLE, LONG HANDLE

No more burned fingers-no more barked knuckleswith these RED DEVIL "Burn-off" Knives, The $7\frac{1}{2}$ " long handle keeps hands away from scorching contacts when working with a torch - also prevents skinned knuckles when working under a radiator.

No. P25-21/2 - 21/2" STIFF, WEIGHT PER DOZ. 4 LBS. No. P25-3 - 3" STIFF, WEIGHT PER DOZ. 5 LBS. 2 OZS. They add another foot to any man's reach and save shifting ladder or planks so often. Hardened and tempered taper ground tool steel blade. Clip point. Beech handle slotted to receive tang of blade. 3 large brass compression saw rivets.

No. P25-31/2 - 31/2" STIFF, WEIGHT PER DOZ. 5 LBS. 4 O25. No. P25-4 - 4" STIFF. WEIGHT PER DOZ. 5 LBS. 8 OZS.

All packed 1/2 dozen in box.

RED DEVIL PAINTERS' CUTLERY DISPLAYS

Turn to the pages at the end of this section for complete information on the RED DEVIL point-of-said displays, especially designed to help to help you sell RED DEVIL Putty Knives. Wall Scrapers, and other products of interest to painters and glaziers.

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LOW PRICED CUTLERY "LEADERS"

P102 Putty Knives

Good quality for the handy man. widely employed by garage mechanics for removing carbon and for general use around automobiles. The P102 series is available in 1-3/16" and 3" blade widths. High carbon, saw steel blades, closed end nickel plated ferrules, genuine hardwood handles, finished in gleaming red enamel.

No. P102-1-3/16" -1-3/16" SEMI-FLEX BLADE, OVAL HANDLE, WEIGHT PER DOZ. 1 LB. 8 OZS. MINIMUM SHIPPING QUANTITY-1 GROSS CARTON.

No. P102-3-3" STIFF BLADE, OVAL HANDLE, WEIGHT PER DOZ. 2 LBS, 12 OZS. MINIMUM SHIPPING QUANTITY-1 GROSS CARTON.

P105 Putty Knives

The new RED DEVIL P105 Putty Knife is made with a blade similar to the P102-1-3/16" but is supplied with the more popular plastic handle, in a convenient especially designed "hand-filling" shape, which brings a high quality tool to the consumer at a popular price.

P105-1-3/16" - SEMI-FLEX BLADE. MOLDED PLASTIC HANDLE, WEIGHT PER DOZ. APPROXIMATELY 2 LB., MINIMUM SHIPPING QUANTITY-1 GROSS CARTON.

Red Devil PAPER HANGERS' KNIVES

The special 90/100 point carbon tool steel, coupled with the most careful heat treatment and painstaking grinding under water produces in these RED DEVIL Paper Hangers' Knives just the right professional working qualities. The blades are ground taper from handle to point to give them "hang" and flexibility and they are tapered from back to the keen edge to make them free cutting and easy sharpening. The varnished hardwood handles are pinned through the blades, and will not come off. Closed end nickel plated ferrules make it easy to keep clean of paste. Medium size blades in three standard shapes.

No.	Blade	Wt. Per Doz.
KI	3 1/4 x 1 3/8 Square Point	1 lb. 1 oz.
K2	3 1/4 x 1 3/8 Round Point	1 lb. 1 oz.
K3	31/8 x 1 1/8 Clip Point	14 oz.

Packing: One dozen in a box.

P105

P103-4

For mechanics who prefer the larger size blades, we offer these RED DEVIL Knives in square and round point styles. Genuine HAND BURNT MAPLE handles on these tools. Special tool steel blades, double taper ground. Pinned handles, deep slotted closed end nickel plated ferrules. The finest type of cutlery.

No.	Blade	Wt. Per Doz.
K11	3 3/4 x 1 5/8 Square Point	1 lb. 6 oz.
K12	3 3/4 x 1 5/8 Round Point	1 lb. 6 oz.
Packing	One dozen in a box.	









P102

P103 WALL SCRAPERS

RED DEVIL P103 is a mechanic's scraper at the price of a household tool. Patented construction welds the blade and handle into one piece without the use of rivets. The blade simply cannot come loose and you can't split that steel bound handle. The steel guards make the blade bend (when working) just beyond the outer end of the guard; not at the handle where the ordinary knife is weakest.

P103-35 - 3" - STIFF CLIP BLADE, RED ENAMEL HANDLE, PACKED I DOZ. IN DISPLAY. WEIGHT PER DOZ. 3 LBS. 8 OZ.

P103-3F-3"-FLEXIBLE CLIP BLADE, RED ENAMEL HANDLE, PACKED 1 DOZ, IN DISPLAY, WEIGHT PER DOZ. 3 LBS. 8 OZ.

P103-4/2F-4/2"-FLEXIBLE STRAIGHT BLADE, RED ENAMEL HANDLE, PACKED 12 DOZ. IN DISPLAY, WEIGHT PER 12 DOZ. 2 LBS.

P103-6F-6"-FLEXIBLE STRAIGHT BLADE, RED ENAMEL HAN-DLE, PACKED 12 DOZ, IN DISPLAY, WEIGHT PER 12 DOZ, 212 LBS.

QUALITY CASING WHEEL KNIVES





No. PW 12

No. SW 111/2

Mechanics quickly appreciate the many features of the RED DEVIL line of Paper Hangers' Casing Wheel Knives. Wheels made of the finest cutlery tool steel are individually hardened and tempered in oil. Furnished with plain and serrated edges. The wheel of the corner knife is mounted on a genuine cutlery steel

All wheels are surface ground and have hollow ground edges. The genuine bronze bushing forged in the wheel center insures accurate running and long life. Steel axle screws and locking nuts give finely adjustable running clearance. Red enameled handles, plated forks, closed end plated ferrules. Packing—I dozen in Box.

1 No.	11 1/2 Double Guard 21 1/2 Straight Fork	11/2" Wheel Wt. Per Doz.	No. PW 12 SW 12 PW 22 SW 22 PW 32 SW 32	Double Guard Straight Fork Goose Neck	Serrated 2 lb. 0 ox.
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11/2" Wheel Only PW 41 1/2 Corner Knife Plain 1 lb. 9 oz SW 41 1/2 Serrated 1 lb. 9 ox.



P103-3F, 35

30

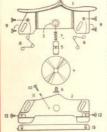


WALLPAPER TRIMMER AND STRAIGHT EDGES

Red Devil T-I WALLPAPER TRIMMER

Larger, lighter, easier to use, the Red Devil T-1 Wallpaper Trimmer is the perfect tool for use with the Red Devil Straight Edge. Special nickel chrome plated alloy body is designed to fit the hand. New spring design gives new, easy, level action-operates with a minimum of pressure-lifts instantly when pressure is released. Box type track guide insures steadiness, bronze bushing in blade arbor assures long wear. Blade adjustment is positive and simple, cannot get out of order. Blade easily removed without taking Trimmer apart.

PARTS AND PARTS LIST FOR T-1



Part in Proper Position

ORDER PARTS BY NAME AND NUMBER

- I. Trimming Case
- 2. Track Guide
- 3. Arbor Bushing 4. Trimmer Blade
- 5. Blade Arbor
- 6. Arbor Screw
- 7. Arbor Spring 8. Case Springs
- 9. Assembly Screws 10. Blade Adjusting
- Screws
- 11. Adjusting Spring
- 12. Angle Guide Screws Exploded View Showing Each 13. Angle Guide



DIRECTIONS FOR USING THE T-1

CARE-Keep the straight edge track clean. On a track gummed up with paste, the trimmer cannot work freely. The track guide fits standard track dimensions .620 x .045. Oil with a light machine oil.

REMOVING THE BLADE.



To remove blade only, insert a nail or pin through & hole into corresponding hole in orbor. This locks the arbor. Then loosen the arbor screw by turning it to is right. It has a left hand thread.

REASSEMBLY OF TRIMMER-

Lay the case springs in the cavity of the track guide. The boss on the Tris mer Case can be inserted easily through the upper loop of the spring

HANDY RED DEVIL TRIMMER BLADES

Red Devil Trimmer Blades for the T-1 Wallpaper Trimme are machined and honed to a tough shearing edge, and wil long outlast ordinary blades. Maintain easy smoothness b inserting a new Red Devil Trimmer Blade as needed.

RED DEVIL T-1 Packed 1 in a box. Shipping wt. 1/2 lb.

SE-1 STRAIGHT EDGE



PRECISION MADE FOR USE WITH RED DEVIL PAPER HANGER'S KNIVES OR TRIMMERS

The paper hanger's choice for use with casing wheel knives or the T-1 Trimmer. Brass bound, 5 ply laminated construction guaranteed against warping. Only the finest materials-clear, straight grained seasoned White Pine and Philippine Mahogany—are used in these finer Red Devil Straight Edges. Accurately graduated and finished in natural with high gloss, damp proof synthetic varnish. Made with precision cut trimmer track, brass bound to prevent wear, for use with trimmers, or without track for use with paper knife.

No. SE-1-Brass bound with standard trimmer track. Five ply wood lamination. Sizes 6 ft., 7 ft., and 8 ft. Every straight edge is individually paper wrapped.

RED DEVIL SE-1 - WT. 414 LBS. (7 FL) No. SE-2 - Same construction as No-SE-1, except without trimmer track, for use with paper knife. Brass bound Sizes 6 ft., 7 ft., and 8 ft.

RED DEVIL SE 2 - WT. 41/2 LBS. (7 FT.)

SEAM ROLLERS





MR2

Red Devil SEAM ROLLERS

In these RED DEVIL Paper Hangers' Seam Rollers, we have tried to produce good mechanics' tools, free from so-called "improvements" and at a reasonable price. We haven't yet found a better material for a Seam Roller than good old-fashioned kiln dried New England Rock Maple, provided the working surfaces are hand rubbed and polished as ours are and not just dipped in shellac. Steel axle pins driven right through the rollers will never come out and you can't break the nickel plated one-piece combination fork and shank. Double scored varnished handles, sealed nickel plated ferrules.

No.	Roller	Wt. Per Doz.
MR 1	1" Oval Face	3 lb. 1 oz.
MR11	1" Straight Face	3 lb. 2 oz.
MR 2	2" Oval Face	4 lb. 2 oz.
MR12	2" Straight Face	4 lb. 3 oz.

Packing: 1/2 dozen in a box.

See Page 32 for Wallpaper Trimmer and Straight Edges.

CATALIN SEAM ROLLERS

These professional grade seam rollers use the new Red Devil Catalin Plastic Roller which has a longer life, a smoother surface, and less tendency for foreign matter to adhere to the roller. Sturdy construction, carefully proportioned wood handle, a "long

life" tool for the experienced craftsman which will also appeal to the more discriminating in the "home maintenance" trade.

No.	Roller	Wt. Per Doz.
CR 1	1" Oval Face	3 lb. 1 oz.
CR11	1" Straight Face	3 lb. 2 oz.
CR 2	2" Oval Face	4 lb. 2 oz
CR12	2" Straight Face	4 lb. 3 oz.

Packing: 1/2 dozen in a box.





WALLPAPER TRIMMER AND STRAIGHT EDGES

Red Devil PAINTERS' CUTLERY DISPLAYS

Designed for hanging or for counter easels, these displays have a space left for retail price next to each tool. Of attractive design and sturdy construction they show RED DEVIL typical lines in convenient sales-building form.



No. 175 PAINTERS' CUTLERY DISPLAY

Contains:-P1-11/4S P1-2S

Putty Knife Putty Knife P1-3S Wall Scraper PI-4S Wall Scraper P17-154 Chisel Glass Cutter

PACKED I TO A CARTON WEIGHT 21/2 LBS.

No. 176 DISPLAY

(Same as No. 175 except Flexible Blades in place of Stiff, as noted)

Contains:-

P1-11/4F Putty Knife P1-2F Putty Knife P1-3F Wall Scraper P1-4F Wall Scraper P17-114 Chisel Glass Cutter

PACKED 1 TO A CARTON: WEIGHT 21/2 LBS.

No. 177 PAINTERS' CUTLERY DISPLAY Contains:-

P23-114S Putty Knife P23-11-5 Putty Knife P23-28 Putty Knife P23-3S Wall Scraper P23-45 Wall Scraper PACKED I IN CARTON: WEIGHT APPROX. 214 LBS.

No. 178 PAINTERS' CUTLERY DISPLAY Contains:-

P23-114F Putty Knife P23-11/2F Putty Knife P23-2 F Putty Knife P23-3F Wall Scraper Wall Scraper PACKED 1 IN CARTON: WEIGHT APPROX. 214 LBS.





Red Devil SUPPLIES THE RIGHT SCRAPER FOR EVERY SCRAPING JOB, BIG OR SMALL



The flooring contractor, the finisher, the wood-worker, the cabinemaker, the carpenter, the painter, the glazier, the boat owner, the
homeowner—all know from experience the value and completeness of the famous line of Red Devil Scrapers. For removing paint
varnish, shellac, or oil finishes; or to attain that satin-smooth surface
on rusted metal or barnacled bottoms—there's the right Red
Devil model to do the job better. Red Devil's all-purpose assortment
includes not only models for every-dary use, but those special designed tools for jobs that require "the right tool at the right time."

Individual scraper styles, too, have not been overlooked. There are the small, pocket-size models for household use or tight quarters. Long, medium, or short handles—some are constructed so they can be set on either side of the scraper. And there's the versatile Painter's Scraper Set with four blades to get into molding and tight corners. In short, there's a Red Devil scraper in every style, size, and price range—all with handles designed to fit the hand for effortless results.

"BEST BLADE BUY"

The usefulness and effectiveness of any scraper is measured by the quality, design, and auting edge of its blades. Here, again, Red Devil leads with the "best-blade-buy" on the market. Supersharp or serrated blades, made of the finest carbon steel and honed to keen-cutting edges, are available.

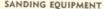
And to get double-wear, Red Devil features their popular and economical reversible, replaceable double-edge blades, which are pushed in and out of scraper without screws, gadgets, or special tools. To dealers, these replaceable blades mean increased profits through repeat sales.

ANOTHER RED DEVIL SALES BUILDER

As in every individual line of Red Devil tools, there's the aristocrat of all scrapers, the Carbide Scraper with the genuine Carbide Blade, that outlasts cany blade made. It's amazingly last and will do a cleaner, easier job than any scraper on the market. Packed in a handsome display carton.

SPECIALTY SCRAPERS

For scrapping glass and many other professional and household uses. Red Devil has three specialty scrapers that for usefulness and overall handiness are unexcelled. Here they are: the Razor Blade Scraper with its removable safety shield; the Jak-Nife Scraper with its retractable blade; and the non-breakable, safety-edge Lucite Scraper.



After scraping, comes sanding! And Red Devil's Handy Pack Sandpaper (in four different grits) and Sandpaper (holders (two styles) answers the call from mechanic to painter, from craftsman to hobbyist, from housekeeper to handyman. Red Devil's high quality sandpaper, held taut by an exclusive locking device in their own-make holder, assures 100% sanding results.





Red Devil Scrapers are packed for customer-appeal in colorful counter displays, which supplement demand-building, national advertising the year round.



WOOD SCRAPERS

No. 40



Red Devil WOOD SCRAPERS

Patented



RED DEVIL No. 40 - PACKED ONE DOZEN IN DIS-PLAY BOX. 1 GROSS IN CASE: WEIGHT 28 LBS.

No. 50 RED DEVIL Wood Scraper is the cream of the crop, you can't sell a finer spade-type wood scraper. Extra long handle, shaped to make scraping easier and fast and give perfect leverage in any position. Length 9" overall. Uses RED DEVIL No. 2½ double edge replaceable blades.

RED DEVIL No. 50 - PACKED SIX IN DISPLAY BOX.

1 GROSS IN CASE: WEIGHT 59 LBS.

Similar in size to the highly popular No. 50, but designed for heavy duty and long use. The lightness and smoothness of the all-aluminum handle permits noticeably fast, effortless scraping with perfect leverage in all positions. Length over all 9". Use Red Devil No. 2½ double edge replaceable blades.

RED DEVIL No. WS7-PACKED ONE IN BOX. 6 IN DISPLAY CARTON. 1 GROSS IN CASE: WEIGHT 90 LBS.

No. 14 RED DEVIL Wood Scraper is similar in quality and shape to the No. 50 but has an exceptionally long handle—14" overall. This extra length permits easy scraping underneath and behind radiators and other obstructions and permits use of both hands. The perfect answer to "long reach" wood scraping problems. Uses RED DEVIL No. 2½ double edge replaceable blades.

RED DEVIL No. 14 - PACKED 6 IN A CARTON. 1 GROSS IN A CASE: WEIGHT 78 LBS.

No. WS7

All Aluminum

No. 14



SCRAPERS

Red Devil WOOD SCRAPERS



No. 8 Pistol Grip Model

No. 8 RED DEVIL Wood Scraper has a perfectly balanced pistol grip which assures more even scraping and absolute comfort to the hands. Scrapes off the toughest old finish and evens down rough spots with less pressure. Pistol handle can be set on either the lower side (as shown) or upper side of scraper. Cannot work loose while in operation. Uses RED DEVIL No. 21/2 double edge replaceable blades.

RED DEVIL No. 8 - PACKED 3 IN DISPLAY BOX 1 GROSS IN CASE: WEIGHT 120 LBS.

No. 310 Painters' Scraper Set

Because replaceable blades are used in RED DEVIL Scrapers, repeat orders for extra blades are assured.

at material savings to the customers. See page 41.

Long the favorite of fine craftsmen-painters, furniture finishers, restorers, picture frame makers, cabinet makers, the Red Devil No. 310 Painters' Scraper Set is the special scraper for that very special job. The four blades, each packed in an airtight plastic envelope, can be used for fine work in tough corners, for molding, for odd angles, and unusual shapes. The interchangeable blades are rigidly secured to the rectangular steel shank of the handle with a heavy hex nut. A sturdy, versatile, and widely adaptable tool.

RED DEVIL No. 310-Painters' Scraper Set. Steel Scraper Shaft 5 Overall Length with red wooden handle, 4 Blades as illustrated. 1-OGE 1."HALF OGEE", 2 triangle blades. Each in plastic envelope. Packed und in a box, 1 gross in case. Weight 108 lbs.

CARBIDE TIPPED SCRAPER



Red Devil

No. CSI CARBIDE TIPPED SCRAPER

WITH GENUINE

TUNGSTEN CARBIDE BLADE

Stays Sharp 100 Times Longer

Hardest Metal Made by Man

Here's a scraper harder than the hardest steel-in fact nearly as hard as a diamond. The blade, made of Tungsten Carbide, outlasts any on the market today - and further - it'll do jobs that other scrapers can't touch. Its four edges stay sharp 100 times longer. Has a finely balanced handle-still another feature. Weighs less than 10 ounces.

Solvent or torch is not necessary, but may be used if

Quickly removes paint, rust or finish from wood, metal, masonry, etc. Too sharp for glass, Gets into corners, moldings, and places once inaccessible.

EASY TO SELL FEATURES:

Performs many jobs previously impossible. Scrapes cleaner.

More efficient, yet so easy.

Scrapes much faster.

Stays sharp 100 times longer.

Scientifically balanced and weighted handle. Yet tool weighs less than 10 ounces. Backed by national advertising and effective dealer aids to build sales and profits.

Reversible, Replaceable Blades

- 4 working edges
- 4 shaped corners

Working edges easily changed by loosening the set screw.

AMAZINGLY FAST! Does a CLEANER, EASIER, MORE EFFICIENT Scraping Job



Red Devil Tungsten Carbide Replacement Blades No. CSB1 are individually packed in handsome. laminated plastic and cardboard

RED DEVIL BLADES No. CSB1-2" WIDE, PACKED INDIVID-UALLY IN DISPLAY

> Compact and attention-RED DEVIL CS1







WOOD SCRAPERS

Red Devil

WOOD SCRAPERS



No. 0 Paint & Wood Scraper

Handy single blade scraper, exceptional value at this very low price. "Big" size for the money. too. Just right for window sash work and tight quarters. Bright Red Handle.

RED DEVIL No. O-OVERALL LENGTH 5". 12 IN A BOX. 1 GROSS IN CASE-WEIGHT 15 LBS.



No. 3 Scraper & Putty Knife

Combination Scraper and Putty Knife. A two in one tool that is a wonder. The scraper end has a 11/2" blade. The other end is a putty knife of high quality. Here is a small tool that is particularly good for the household or small

RED DEVIL No. 3 - OVERALL LENGTH 74". 6 IN BOX: 1 GROSS IN CASE: WEIGHT 24 LBS.



No. 11/2 Wood Scraper

A handy household tool. Useful for shaving tight windows, doors, drawers, for refinishing furniture. etc., a real quality tool and a cheap one. The same shape and quality as No. 21/2 except that it uses No. 11/2 blades.

RED DEVIL No. 11/2 - OVERALL LENGTH 5". 12 IN DISPLAY BOX. 1 GROSS IN CASE: WEIGHT 27 LBS.



This scraper fits the pocket and easy to hold. Fitted with a pair! RED DEVIL No. 21/2 Replaceable Cutter Blades and has a smoot wooden handle with bright re lacquer finish.

RED DEVIL No. 21/2 - OVERAL LENGTH 5". 6 IN DISPLAY BOX. 1 GROS IN CASE: WEIGHT 48 LBS.



No. 4 Wood Scraper

No. 4

A real quality tool with two cutter blades, Uses RED DEVIL No. 11/6 double edge replaceable blades. The spade shaped handle gives an easier grip and greater pressure where needed. Has smooth wooden handle; bright red lacquer finish.

RED DEVIL No. 4-OVERALL LENGTH 6". 12 IN DISPLAY BOX. 1 GROSS IN CASE: WEIGHT 24 LRS.



No. 5 Wood Scraper

The same scraper as No. 4 excep that it is shaped to hold RED DEVIL No. 21/2 double edge replaceable blades. A very popular number at the price.

RED DEVIL No. 5-OVERALL LENGTH 7". 6 IN DISPLAY BOX. 1 GROSS IN CASE: WEIGHT 45 LBS.

WOOD SCRAPER BLADES AND FILES



Rod Devil

INTERCHANGEABLE SCRAPER BLADES

DOUBLE EDGE BLADES

RED DEVIL double edge scraper blades are supplied with supersharp or serrated edges. The blades are made of 21 gauge .90 case hardened carbon steel; they take a keen edge and hold it. Illustrated at right is a pair of RED DEVIL double edge blades. partially removed from scraper. Blades are easily pushed in and out of handle without screws, gadgets, or special tools.

The RED DEVIL double edge blades with serrated edges are big time savers on rough surfaces. No advance in list price over super-sharp blades. User can divide pair of blades so that one side is sharp and the other serrated.

RED DEVIL DOUBLE EDGE SU-PERSHARP BLADE No. 11/2 -114" WIDE, FOR Nos. 132, 4, and 40 WOOD SCRAPER.

RED DEVIL DOUBLE EDGE SERRATED BLADES No. 11/2 A - 134" WIDE. FOR NOS. 154, 4, AND 40 WOOD SCRAPER.

BOTH PACKED 1 DOZEN PAIR IN DIS-PLAY BOX: WEIGHT 45 LB.



Nos. 11/2, 21/2 SUPERSHARP EDGES



Nos. 11/2A, 21/2A SERRATED EDGES

REVERSIBLE EDGE BLADES

RED DEVIL DOUBLE EDGE SU-

PERSHARP BLADE No. 21/2 -212" WIDE. FOR Nos. 212, 5, 50, WS7.

RED DEVIL DOUBLE EDGE

SERRATED BLADES No. 21/2A

-21/2" WIDE, FOR Nos. 21/2, 5, 50.

WS7, 8, 14, and 18 WOOD SCRAPER.

BOTH PACKED 1 DOZEN PAIR IN DIS

8. 14 and 18 WOOD SCRAPER.

PLAY BOX: WEIGHT 1 LB.

For the Red Devil No. 12 Wood Scraper two types of reversible edge blades can be supplied:

- (1) No. 12Z for late model No. 12 scrapers and Zip-All scrapers 21/2" wide.
- (2) No. 12-21/2 for replacement on old model Red Devil No. 12 scrapers only.

Like the RED DEVIL double edge blades, these handy reversible. replaceable blades are made of 21 gauge .90 carbon steel and take a keen edge and hold it.

RED DEVIL REVERSIBLE BLADE No. 12-21/2 - 21/2" WIDE, FOR RED DEVIL No. 12 WOOD

RED DEVIL REVERSIBLE ZIP-ALL BLADE No. 12Z -214" WIDE. FOR RED DEVIL No. 12 WOOD SCRAPER and ZIP-ALL SCRAP ERS. 21/2" WIDE.

BOTH PACKED I DOZEN IN A BOX. WEIGHT 6 OUNCES.



Zip-All No. 12 Z



No. 12 - 21/2

Rod Dovil

WOOD SCRAPER FILE

This file is especially designed to keep a keen edge on all Red Devil scraper blades. Has a hole for hanging on nail. It is also useful as a general utility file.

RED DEVIL No. 15-INDIVIDUALLY WRAPPED. I DOZEN IN BOX. WEIGHT 1/4 LB.



No. 15



SPECIALTY SCRAPERS

How To Use The Red Devil Double Blade Scrapers



Here's the proper grip for easiest, speediest, and best results. RED DEVIL Scrapers are designed to properly fit the hand.

Hold Scraper as illustrated for best results. Always scrape at an angle to the grain of the wood and with the grain if possible. To scrape paint, varnish, etc., bear down only hard enough to remove old material and until the surface is exposed, so that a fine smooth surface is secured. RED DEVII. Scrapers will scrape the paint or varnish from automobiles without the aid of varnish remover, if handled properly.

To sharpen always file against the bevel and keep the original angle. All RED DEVIL scrapers can be sharpened hundreds of times if the handle is securely held in a vise and the proper care is exercised. All RED DEVIL scraper blades are tempered under file hardness. Use either a scraper file (Red Devil No. 15) or carborundum stone to sharpen.

Blades are quickly and easily removed for sharpening or replacement.

Boatsmen find RED DEVIL Scrapers ideal because barnacles and paint do not slide up handle and because they will float when accidentally dropped overboard.

SPECIALTY SCRAPERS



From the safety angle alone. No. 13 Jak-Nife cannot be surpassed as a razor blade scraper regardless of price. It's the tool of a hundred uses. Latest and best in this type of tool, it combines a strong, effective cutting edge that folds into itself like a jack knife (as shown in the illustration). Holds a single or double edge blade. Used as a scraper for cleaning paint, putty, or labels off glass, and other surfaces: used as a cutter for cutting wall paper, wrapping paper and other materials: and as a knife for many auxiliary purposes, Can be set and locked at any number of desired angles or parallel at right angles to handle. Hole in handle for hanging, or attaching to a chain.

RED DEVIL No. 13 - PACKED 12 IN DISPLAY, WEIGHT, PER DOZEN, 144 LBS.

Razor Blade Scraper

No. 49

"Whistle While You Work" when you use the RED DEVIL No. 49, A

convenient hand tool with removable protecting shield. Fitted with single edge blade, non-slip handle. Small and compact, easy to hold, making it ideal for removing stickers from windows and getting paint or putty out of corners. Hole intended for hanging purposes can also be used as a real whistle.

RED DEVIL No. 49-1 DOZEN IN BOX: WEIGHT % LB.

SANDPAPER HOLDERS AND SANDPAPER



Red Devil

SANDPAPER HOLDERS



These sturdy holders take RED DEVIL Handy Pack Size of sandpaper (4 different grits), as shown on bottom of page, also hold ¼ sheet standard size. Equipped with quick trigger control of grip and release. The paper is held very taut, with slight bulge on bottom giving 100% results on surfaces and corners and getting 100% wear from all parts of the paper. All steel with simple, fool-proof locking device, bright polished handle. 4½ inches long, 3½ inches wide.



No. 9 A is the same as the No. 9 with the addition of a sponge rubber base which adds resiliency and has the necessary "give" needed to get best results on many types of surfaces. irregular or curved.

RED DEVIL No. 9 - 1 DOZEN IN DISPLAY;
1 GROSS IN CASE; WEIGHT PER GROSS 75 LBS.

RED DEVIL No. 9A-1 DOZ. IN DISPLAY: 1 GROSS IN CASE; WEIGHT PER GROSS 78 LBS.

A low-priced, fast-selling RED DEVIL tool of ever increasing popularity for the painter, wood worker, pattern maker, homecrafter, and anyone using sandpaper.













HANDY PACK SANDPAPER

RED DEVII. "Handy Pack" Sandpaper is universally useful to housekeepers. handymen, glaziers and mechanics. Scours rust and grease from stove tops, pots and pans. Cleans and smoothes floors, trim, furniture, etc., before painting, varnishing or waxing. Removes rust from tire rims of automobiles, tools, etc.

The individual Handy Packs contain 20 assorted sheets of four different grits: coarse, medium, fine, and very fine. The painter, woodworker, hobbyist, housewife, and anyone using sandpaper in small quantities will want to buy this RED DEVIL Handy Pack.

Best quality sandpaper, full size sheets, full count, packed in the most attractive two-color display carton—these features make Handy Pack a repeat seller.

RED DEVIL Handy Pack Sandpaper fits RED DEVIL Sandpaper Holders, Nos. 9 and 9 A. illustrated above. It can also be used without a holder.

RED DEVIL No. 24 - 20 SHEETS IN A PACK; 50 PACKS IN DISPLAY CARTON; 4 CARTONS (OR 200 PACKS) IN CASE. WEIGHT 48 LBS.



ROSE TOOLS, INC.



SCRAPER DISPLAY-PAINTER KIT

Red Devil

No. 170 WOOD SCRAPER DISPLAY



To appeal to the craftsman who always requires wood scrapers, the home workshop enthusiast, or the increasing number of home owners who do their own painting or furniture refinishing, the RED DEVIL No. 170 Display, used as a hanging panel or as a counter easel, is an immediate center of interest and buying action. The inclusion of a glass cutter on this display also helps to sell other related items in the RED DEVIL line for "work with glass" and "work with wood" are never far apart.

No. 170 WOOD SCRAPER DISPLAY Contains:—

40 Cabinet Scraper 50 Wood Scraper

8 Pistol Grip Scraper
024 Glass Cutter

PACKED 1 TO A CARTON. WEIGHT 114 LBS.

A1 PAINTER KIT

A "SAMPLER" OF FINE, TOP SELLING RED DEVIL PAINT, GLASS AND SCRAPING TOOLS. Professionals, hobbyists, and homeowners alike will want this unique tool kit. It can't miss.

024	I only Red Devil Glass Cutter
0	I only Red Devil Cabinet Scraper
40	I only Red Devil Wood Scraper
9	I only Red Devil Sandpaper Holder
	1 pkg. Red Devil Handy Pack Sandpape
13	I only Red Devil "Jak-Nife" Scraper
21-2	I package Red Devil Triangle Points
P23-11/4S	l only Red Devil Putty Knife
P103	l only Red Devil Wall Scraper
LS-1	1 only Red Devil Lucite Screper

1 only Red Devil Paint Can Hook

I only Steel Utility Box



PACKED 6 TO A CARTON: SHIPPING WEIGHT 22 LBS.

COUNTER MERCHANDISER



Red Devil A9 COUNTER MERCHANDISER

Designed For All Dealers Who Carry Paint—A Truly Portable

Painters' Tool Department

Placed prominently on a counter in the paint department this special counter merchandiser will stimulate new "tie in" sales of Putty Knives, Wall Scrapers, Sandpaper Holders, Razor Blade Holders, Glass Cutters, Wood Scrapers, Glaziers' Points, and all similar items.

This is a portable painter's tool department. It holds a complete assortment of tools in every price range. Each of

every price range. Each of these tools is a guaranteed volume seller, proven by Red Devil sales records.

Red Devil Leaders
in the New "Painters' Tool Department"

	TO	P
6 only	P1-11/4S	Stiff Putty Knives
6 only	P1-114F	Flexible Putty Knives
5 only	P23-114S	Stiff Putty Knives
8 only	P23-114F	Flexible Putty Knives
6 only	P103-3S	Stiff Wall Scrapers
	P103-3F	Flexible Wall Scrapers
	P23-3F	Flexible Wall Scrapers
	P23-3S	Stiff Wall Scrapers
4 only	P1-3F	Flexible Wall Scrapers
Zonly	P1-3S	Stiff Wall Scrapers

	80	ттом
1 doz.	9	Sandpaper Holders
1 doz.	20	Pkgs. Glaziers' Points
1 dez.	13	Razor Blade Holders
1 doz.	024	Glass Cutters
12 doz.	219	Retill Scraper Blades
½ doz.	119	Refill Scraper Blades
1 doz.	0	Cabinet Scrapers
1 doz.	40	142" Wood Scrapers
6 only	50	212" Wood Scrapers

This entire assortment of tools fits into the counter merchandiser pictured above. The unit is sturdily constructed of wood, masonite, and wire—finished in dark blue color to set off the tools. This valuable selling aid is supplied at cost of the tools only.



DISPLAY PANELS



Red Devil

DISPLAY PANEL

No. 194

Tool No.

LS1 Lucite Scraper 40 Wood Scraper

50 Wood Scraper 8 Wood Scraper 14 Wood Scraper 114 Wood Scraper 114 Scraper 8lide 21/2 Scraper Slade P1-3 S Wall Scraper 21/2 Scraper Slade P1-7 Futty Spreader Wood Scraper

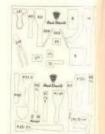
20 Triungle Points P25-21/2 Burn-Off Knile 9 Sandpaper Holder 5, 10 Wedges 13 Jak-Knife

Tool No.

210 Gicas Pliers P102 Putty Knife P23 3" Wall Scraper

024 or G2 Glass Cutter P103 Wall Scraper 023 or G1 Glass Cutter P23-11/4 Putty Knife

1DP Driver



Illustrated on this page are two samples of typical Red Devil Displey Panels. Periodically these displays are revised to include the newest and fasted selling tools in the famous Red Devil line. These attractive, permanent percelainenamel steel displays produce "action" at the all-important point-of-sale.

DISPLAY PANEL

No. 195 Tool No.

Tool No.

LS1 Lucite Scraper 40 Wood Scraper

50 Wood Scraper

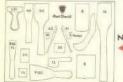
Wood Scraper 14 Wood Scraper

11/2 Scraper Blade 21/2 Scraper Blade 13 Jak-Knife

024 or G2 Glass Cutter 023 or G1 Glass Cutter 20 Triangle Points

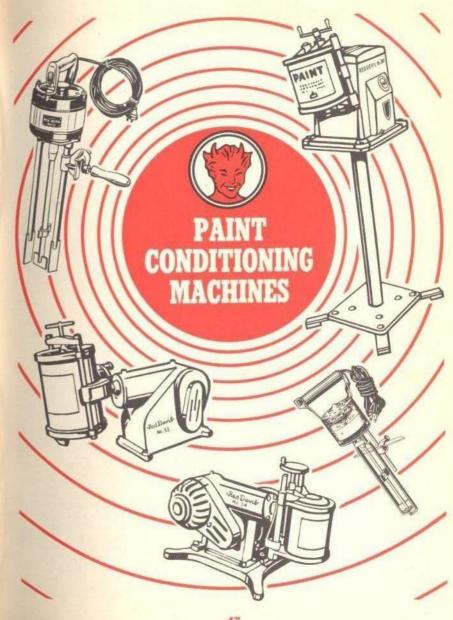
5 Wedge 10 Wedge P23 Putty Knife

P103 Wall Scraper 9 Sandpaper Holder











PAINT CONDITIONERS Will Build a Bigger Paint Business For You

Thousands of dealers throughout the country are reaping richer profits from the greatest paint sales promoter of our time. Offer your customers factory-fresh paint at no extra cost—and your sales automatically boom! Customers want a paint that doesn't have to be stirred for days after it's taken home. They want a paint with the pigment where it belongs—not settled out of suspension. Sell them a can of "Red-Devil-Conditioned" paint—they've got what they want—and you've got repeat customers!

If you sell "store-mixed" paint, a Red Devil Paint Conditioner is indispensable for the best results. Many dealers find it essential for mixing special shades of paint to customer requirements and paint manufacturers recommend it. Whichever way the dual purpose Red Devil Paint Conditioner is used, it guarantees the most perfect paint pigment dispersion possible!

Your Red Devil Works Like A Demon For Impulse Sales. It sells as it works. Not only sells more paint but helps sell related items too! While your customer is waiting for this bonus service—you've got time to sell him brushes, sandpaper, paint scrapers—anything in the paint line. Display these items around your Red Devil—a browsing customer picks up sales!

Your Red Devil Point Conditioner Attracts Traffic Through The Paint Department. The live-action of this patented conditioner attracts attention like a side-show barker. Gives you a chance to explain to curious customers that you sell more than just a can of paint. You offer them factory-fresh paint or store-mixed paint at no extra charge!

Rad Devil Paint Conditioners Are Extremely Simple To Operate. Just slip the can between the jaws, spin the handle home and flip the switch. Automatic timer switches off the current when the conditioning job is done. (Average time less than two minutes.) And because Red Devil clamps top and bottom, there's no danger of the lid flying off. Red Devil's exclusive 3-way motion gives your paint the mix of its life-joits the lary pigment back into colloidal suspension and does it quicker and more thoroughly than any machine on the market!

Red Devil Merchandising Aids Make Your Conditioner Work Overtime. National advertising tells your customers they don't have to mix their paint when they buy from stores displaying the Red Devil Paint Conditioner.

sticker. Display this handsome two-color decal for more paint business. It's nationally recognized as the sign of fresh, conditioned paint. Red Devil conditioningdate stickers are a further aid in promoting the extra service you give.

PAINT CONDITIONERS (1/4 Pint to 11/2 Gallon)



Red Devil

No. 30 PAINT CONDITIONER

Patented

The No. 30 Paint Conditioner conditions any can on shelf from ½ pint to a gallon. For 1½ gallon can use No. 30 D.



partment, there will always be paintconscious spectators watching the "conditioning" process. For mixing "store mixed" paint No. 30 is essential and always keeps the can top secure.

When featured prominently in paint de-

While the No. 30 Paint Conditioner is making paint "fresher than fresh", there is time to merchandise Red Devil tools and other related items.

ILLUSTRATION SHOWS PAINT CONDITIONER
WITH COUNTER BASE WHICH IS OPTIONAL
EQUIPMENT

This universally popular RED DEVIL Conditioner is now more widely used than ever. The Automatic Timer switches off the current at any predetermined period of from 30 seconds up to 15 minutes of conditioning. Cans of like size are changed in two seconds. and a half-pint is replaced with a gallon can in 10 seconds.

accessories see pages 50 and

The RED DEVIL NO. 30 employs exclusive patented eccentric-action, operating at a rate of 1350 shakes a minute. It vigorously, constantly agitates, liter-

ally breaking up lazy pigments and wall sediments throughout all parts of the can, mixing them into a solution equal to factory-freshness. Can or label is not marred.

The RED DEVIL NO. 30 is proving to be a "must" in progressive paint dealers' from coast to coast, and is accepted as standard by all leading paint munufacturers, painters, decorators, and many municipalities, and government departments.



CONDITIONER ACCESSORIES

PAINT CONDITIONER ACCESSORIES

Red Devil ACCESSORIES FOR No. 30 PAINT CONDITIONER

Standard Pedestal Base



The Counter High Pedestal Base for the Red Devil No. 30 Paint Conditioner is intended to be screwed down to the floor in a suitable location. Smart merchandisers no longer try to keep the RED DEVIL Paint Conditioner "behind the scenes" as it is more convenient to have it adjacent to paint sales area and is a constant attraction to customers.

WEIGHT 47 LBS.

Pedestal Base With Feet



The Pedestal Base With Feet is similar to the Counte High Base but is supplied with rubber shod feet so that it can be used without being fastened to the floor. Thi permits changing the location of the machine as dis permits changing the location of the machine and cambe play requirements or other conditions necessitate. The Quickly attached and removed, this two part adapter makes it removed. play requirements or other conditions necessary makes it possible to thoroughly condition square cans made a center of "store-mixed" paint sales activities WEIGHT 59 LRS.

Red Devil ACCESSORIES FOR No. 30 PAINT CONDITIONER

Counter Base



A revolutionary advance in the design of mounting for RED DEVIL No. 30 Paint Conditioner, the spring mounted Counter Base eliminates vibration and cuts down noise of operation.

SHIPPED 1 IN CARTON, WEIGHT 16 LBS.

Standard Floor Mounting



The RED DEVIL No. 30 is widely adaptable to a variety of store layouts and paint merchandising problems. It puts Paint Conditioning where it belongs, in the forefront of your paint sales

Square Can Adapter



of paint or other material.

SHIPPED I PAIR IN CARTON, WEIGHT 2 LBS.

Four Can Adapter



This one-part adapter quickly fits lower jaw of can clamp of the No. 30 and will hold four pint or quart cans and condition their contents in a single operation. This accessory is very useful and popular among store and industrial users.

SHIPPED 1 IN A CARTON, WEIGHT 2 LBS.





SPECIFICATIONS FOR Red Devil NO. 30 PAINT CONDITIONER

TAKES: V_4 pint to 1 gallon cans JJ. S. Standard (Imperial Standard on special order).

BASE MEASUREMENTS: $12\frac{1}{2}$ " wide, $14\frac{1}{2}$ " long, $19\frac{1}{2}$ " high; operating space 13" x $21\frac{3}{4}$ ". (Fits Pedestal Base 34" high).

MOTOR EQUIPMENT: $\ensuremath{\mathbb{I}}_4$ H.P. 60 cycle. 110 volt A.C., unless otherwise specified.

OSCILLATION: 1350 shakes per minute.

LUBRICATION: Operates in a bath of oil, that requires only occasional addition of good grade 20W SAE oil. Bayonet type oil gauge supplied.

AVERAGE CONDITIONING TIME: Upward of 2 minutes, according to condition of material and size of can.

ACCESSORIES: Integral Automatic Timer shuts off at any predetermined time from 30 seconds up to 15 minutes. A Counter Base, a Counter-high Pedestal Base, 4 Can Adapter, or Square Can Adapter, supplied at extra cost.

MOUNTING: Recommended to be attached to Counter Base or Pedestal

Base or secured to floor or strongly portable platform. Holes are bored in each of four corners of the base.

PACKING: Completely assembled and mounted on skids. 4 lag screws supplied for fastening. Remove of plug in top of main casting and insert bayonet type oil gauge after conditioner has been set in place.



SPECIFICATIONS : Red Devil NO. 30D PAINT CONDITIONER

TAKES: $^{1/4}$ pint to $1^{1/2}$ gallon cans, U. S. Standard, Can Size $8^{1/2}$ x $7^{1/2}$ ".

OSCILLATION: 960 Shakes per minute.

OTHER SPECIFICATIONS: Same as No. 30 (above).

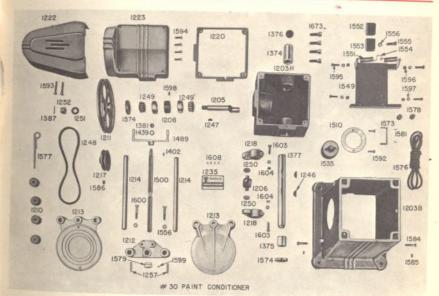
RED DEVIL PAINT CONDITIONERS HAVE DIVERSIFIED USES IN INDUSTRY

Although originally created and designed for reconditioning paint, and widely used for preparing store-mixed paint. Red Devil Paint Conditioners have become popular and accepted in their own right for mixing many diversified materials and liquids, and as testing devices. Oil company maintenance departments, testing laboratories, printers' ink manufacturers, mayonnaise makers, dye plants, fingernail polish houses, dental laboratories (for homogenizing dental plaster), makers of synthetic lacquers, industrial finishes, special color blends, and even, believe it or not, whipped cream, rice pudding and pennut butter—these, and many other companies, use Red Devil conditioners as an integral part in their operations. Industry also makes use of them to tumble small parts and castings.

Users of Red Devil conditioners have found that their high speed and complete agitating force is far superior to older and slower methods. Write us regarding your specific conditioning problems.

Red Devil

PARTS LIST FOR NO. 30 PAINT CONDITIONER



9407000	
Port	
No.	Name
12038	Base
1203H	W
1205	Housing Head
1706	
1207	Spider
1202	Square Can Adapter
1208 1210	
1250	
1211 1212	
1212	Clamp Adapter
1213	Con Cl. Hoppier
	Can Clamp (upper jaw)
1214	Guirle Bin (lower jow)
1212	
1214	Mater Pulley
1219	
1220	
1222	
1222	
1235	COVER
1246	
1440	Woodenst v.
1247	Woodruff Key Woodruff Key
1248	Yee Balt
1249 1250 1251 1252 1257	
3750	Timken Bearing Timken Bearing
1751	Figure Section
1752	Fiber Washer, Crankshoft Crankshoft Not
1257	Crankshaft Nut
1368A	Groove Pins 4-Con Adopter
1374	Lon Adopter
1375	Regr Bearing
*Conn	
25 50	fion Mochines tle & 30 tycle
-	a 30 typie

Part		
No.	Name	
1381	Nut For Handle	
1402	Woodruff Key	
1.439	Shake Proof Washer for Handle	
1.489	Handle Assembly	
1,500	Clamp Screw	
1510	Timer Ring	
1535	Timer	
1536	Toggle Switch*	
1537	Flat Washer*	
1538	Nut	
1539	Squeeze Connector*	
1.540	Hollow Screw*	
1541	Switch Box*	
1542	Cover'	
1543	Switch Brocket*	
1544	Screws*	
1545	Bross Screws"	
1546	Brocket Screws*	
1547	3 Prong Plug and Lead	
1549	Motor Base Assembly	
1.551	Tension Spring	
1.5.52	Square Washer Outside	
1.553	Square Washer Inside	
1554	Spring Clip	
1555	Bolt	
1.556	Washer	
1573	Timer Stocket	
1574	Oil Retainer	
1575	Motor	
1576	2 Prong Plug and Lead	
1.577	Oil Level Stick	

Farr	
No	
	Name
1.579	Adopter Plug
1.581	Timer Brocket Screws
1.582	Fipe Flug
583	Pedestol Base
1584	Privat Screws
1385	Pivot Lock Washer
1586	Pulley Screw
1587	Crankshaft Catter Fin
1592	Timer Housing Bolts
1593	Belt Guard Bolts
1594	Cover Screws
1595	Motor Bolts
1596	Mater Nuts
1597	Washer
1.598	Spocer Set Screw
1599	Plug Set Screw
1600	Adopter Bolts
1601	Adapter Nots
1602	Replacement Handle (
	Some as 1489 with St
	hale and set screw
1603	Bearing Bracket Bolts
1604	Bearing Brocket Nots
1605	Vee Balt
1506	Motor, 25 sycle
1607	Motor Pulley""
1608	Name Plate Pins
1609	Pedestal Base Bolts
1010	Pedestal Sose Nuts

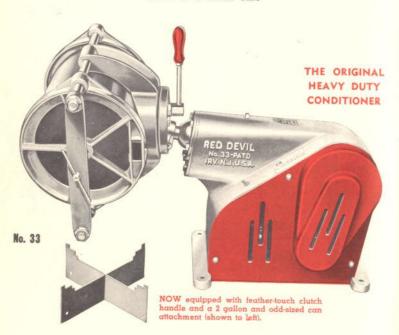
SPECIFY SERIAL NUMBER WHEN ORDERING PARTS



CONDITIONERS (2 to 5 Gallons)

Red Devil No. 33 PAINT CONDITIONER

For 2 to 5 Gallon Cans



The No. 33 is designed for industrial use in paint factories, warehouses, aircraft plants, shipyards, auto and appliance plants, body painters, city and public utilities maintenance shops, building maintenance, oil company maintenance departments, larger painting contractors, and a large number of manufacturing plants for mixing of colors, paints, other liquids and materials.

The unit features a TRIPLE THREE-WAY ACTIONwith can in upright, upside down, or on the side,

it agitates at high speed upward, downward, and outward, creating a force inside the can that literally rips pigments apart and thoroughly mixes the whole vehicle.

The feather-touch clutch handle makes operation extremely easy-a foot pedal release facilitates removal of heavy cans or drums. Has adaptor for 2 gallon and odd-sized cans. (See opposite page for parts and specifications.)

PAINT CONDITIONER SPECIFICATIONS AND PARTS



No. 33 PAINT CONDITIONER

TAKES: 2 to 5 gallon cans U.S. Standard (Imperial Standard on special order).

BASE MEASUREMENTS: 11%" wide, 19%" long, 30" high. Operating space 39" x 15½".

MOTOR EQUIPMENT: 1/3 H.P. 60 cycles, 110 volts, A.C., unless otherwise specified. Can be supplied with explosion-proof motor at extra cost.

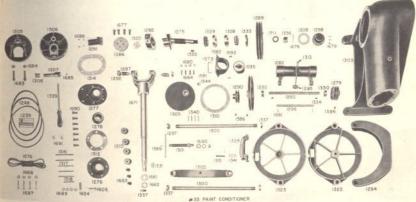
SHIPPING WEIGHT: 375 lbs.

OSCILLATION: Triple three-way action. LUBRICATION: Operates in a bath of oil that requires only occasional addition of good grade 20W SAE oil.

ACCESSORIES: 2 gallon and odd-size adapter. MOUNTING: Recommended to be secured to floor or strong portable base. Holes are bored in each of four

PACKING: Completely assembled and mounted on skids. 4 lag screws supplied for fastening to floor through rubber shock absorbers. Built-in, glass window oil gauge.

PARTS LIST FOR NO. 33 PAINT CONDITIONER



	1687 1689 1654	1337	#33 PAINT CONDITIONER		
248 275 277 277 278 286 287 289 299 299 299 291 294 294 295 295 303 303 333 336 3306 3306 3306	V. Belsh V. Belsh Crontshort Socket (front) Socket (front) Socket (front) Front Bearing Front Bearing Front Bearing Counter-Short Short Counter-Short Counte	1 1 1 1 1 1 1 1 1 1	Gasket for Cover Shim for Front Bearing Shim for Front Bearing Screw Sp. 60" Belt Tightener Gasket for Front Bearing Rivet for Level 3-16" Stud 5/16 x 4 8-16" Stud 5/16 x 4 8-16" Stud 5/16 x 4 8-16" Stud 5/16 x 8-16" Stud 5/16 x 8-16" Shim for Thrust Plate Lower Piote, Container Helder Lower Piote, Container Timken Bearing Helder House Container Timer Timer Housing Timer Housing Timer Housing Timer Clama	1578 1586 1586 1586 1599 1609 1609 1609 1601 1661 1661 1679 1680 1681 1683 1683 1689 1699 1699 1733	Housing Plugs Crankshaft Wosher Mater

SPECIFY SERIAL NUMBER WHEN ORDERING PARTS

54



PAINT CONDITIONERS (1/4 Pint to Quart)

No. 34 PAINT CONDITIONER

Laboratory Model For 1/4 Pint to Quart



The No. 34 is primarily designed as a resale feature, but is used by smaller dealers, housefurnishing stores marketing small cans of ready-mixed paints.

It's not to be confused with paint "mixers." The No. 34 is a sturdy paint conditioner, smaller, yes, but the equal in construction and performance of larger RED DEVIL models.

Will handle all size cans from 1/4 pint to 1 quart (U. S. and Imperial Standard). Off-shape, odd size cansbottles, etc. are held secure in the all-purpose holder—no attachment or adapter necessary.

The same three-way motion that is incorporated in the No. 33 for 5 gallon cans is a feature of this laboratory model.

The machine is light enough to be installed on strong table or counter, and of course it is fully portable, weighing about 50 lbs.

Auto body shops, metal finishers, sign companies, art craft studios, interior decorators, toy and furnitur manufacturers, where special paints and color mixes must be in perfect solution, are users of the No. 34 Printers who mix small batches of ink welcome this equipment. Also recommended for leather dyes mayonnaise, dental plastics, etc.

SPECIFICATIONS

TAKES: 1/4 pint to 1 quart (U. S. or Imperial Standard)

BASE MEASUREMENT: 12" wide—13" long—15" high. Operating space 17 3/4" x 14".

MOTOR EQUIPMENT: 1/6 H. P. 60 cycles, 110 volts, A. C.

OSCILLATION: Three way action.

LUBRICATION: Operates in bath of oil that requires only occasional addition of 20W SAE oil. AVERAGE CONDITIONING TIME: 1/4 pint 1 minute. 1 quart about 2 minutes according to condition or nature of material.

ACCESSORIES: None.

SHIPPING WEIGHT: 64 lbs.

MOUNTING: Recommended for securing to standable, counter, platform. Has holes in each of for arms of base.

PACKING: Completely assembled and mounted on skids with 4 lag screws.

PAINT MIXERS



Red Devil

PORTABLE ELECTRIC PAINT MIXERS





When paint is thoroughly mixed it spreads easier, gives better coverages, and makes for a better job. Hand mixing is always tedious, and consumes valuable time—and hand mixing cannot possibly mix paint to a prime condition.

RED DEVIL Portable Electric Paint Mixers do a superb job in a few minutes time. The agitating shaft rotates at 1750 revolutions a minute, placing the paint in perfect solution, as good as new stock. Also ideal for making your own mixture or colors right on the job. Mixes and blends lead and oil, lead paste, casein and plastic paste, enamel, lacquer.

Made in three models for handling various size drums. Entirely portable for use in shop or on the job. Complete with 10 feet of flexible extension cord, plug, adjustable can rest, 1/4 H. P. 60 cycle, 110 volt A. C. motor.

RED DEVIL NO. 31 —(Complete as ILLUSTRATED). HEIGHT 27", FOR UP TO 5 GALLON CANS. SHIPPED 1 IN A CRATE.

RED DEVIL NO. 31A SIMILAR TO NO. 31 WITH LONGER LEGS TO FIT 30 GALLON DRUMS HEIGHT 42". SHIPPED IN A CRATE. WEIGHT 43 LBS.

RED DEVIL NO. 31B — SIMILAR TO NO. 31, WITH LONGER LEGS TO FIT 50 GALLON DRUMS. HEIGHT 49". SHIPPED 1 IN A CRATE, WEIGHT 55 LBS.



PAINT MIXERS

Red Devil

No. 31 JR. ELECTRIC PAINT PADDLE

A Time Saver to Speed-Up

Small Paint Blending Jobs -

The Red Devil No. 31 Jr. Electric Paint Paddle is a handy pocket size replica of the well known No. 31 Paint Mixer. This "Junior" model is a profit making, time saving "grown up," for the master painter and finisher, but still sufficiently compact to be carried to the job in a tool kit.

Blending special colors, often with the customer looking over the painter's shoulder, usually involves small batches of paint - enough for a few pieces of furniture, and then an automobile tender, or the woodwork of a small room. This "to order" blending is often slowed up by time required for hand mixing. by not being able to judge the color accurately until thoroughly mixed, or by the extra precaution needed to avoid slopping colors while mixing. The No. 31 Jr. will eliminate the troublesome hit-or-miss task of hand mixing, and speed up this preparatory work.

For the master painter and decorator, the industrial finisher, the auto body repair shop, the home work shop addict, the man who paints his own house, the paint chemist, the farmer who has to keep dairy barns and milk rooms spotless-for these people, the Red Devil No. 31 Jr. is a natural. They will buy it as a paint blender, and find a thousand-and-one other uses for this handy tool.

The Red Devil Electric Paint Paddle is most useful in handling cans of a gallon or less, and should not be used for thoroughly mixing pigment and oil or as a general paint conditioner. Paints not in suspension should be reconditioned by Red Devil No. 30 before using this mixer.



The No. 31 Jr. Paint Paddle is 14" overall, or almost half the size of the well-known No. 31 Paint Mixer, illustrated on preceding page.

SPECIFICATIONS



Cutaway sketch showing No. 31. Jr. in use The top paddle

is adjustable to operate about 1" below the surface of the liquid in the can, thus assuring uniform blending action.

MOTOR: Fractional horse power, set screw to one inch below sur-110 volt AC, 60 cycle, 1800 R.P.M. Snap switch conveniently placed on handle, five foot rubber covered cord, plug.

DEMOUNTABLE FEATURE:

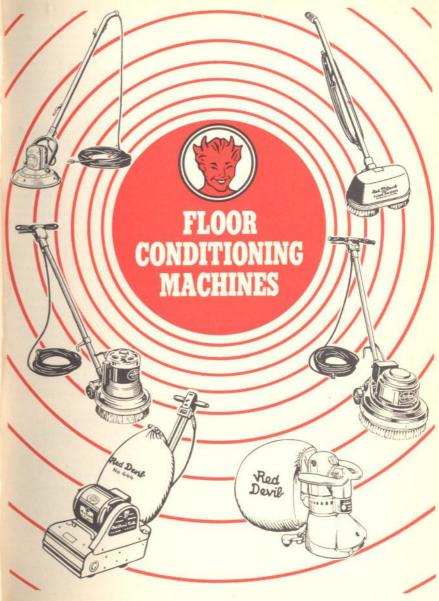
Agitator shaft and patented Baffle action guard secured by simple. positive bayonet type fastening. Middle paddle easily adjusted by

A CARTON. SHIPPING WEIGHT 6 LBS.

face of liquid. These mixing parts can be immediately snapped aparl for cleaning and carrying by twisting the baffle plates.

MOUNTING: Mounted on edge of can by use of set screw clamp which automatically adjusts to height of can. Tool can be readily used without clamp if preferred.

RED DEVIL No. 31 JR. PAINT PADDLE. LENGTH OVERALL 14". PACKED ONE IN



Red Devil FLOOR CONDITIONING MACHINES ARE AN OVER-ALL LINE FROM AN ALL-IN-ONE SOURCE



HAT large and ever-expanding group of buyers of floor conditioning machines have, for sometime, foreseen the benefits - in terms of service, time, and cost - of purchasing their equipment from a single source of supply. Realizing this market trend, Red Devil has developed and now offers a complete line of floor "conditioners". Every type of model is represented—household, professional, industrial and commercial. For sales or rentals, Red Devil has the right machine for each and every phase of conditioning too, from scouring to polishing, from sanding to edging.

AN ALL-STAR LINE-UP

Actually, here's what Red Devil means by a "complete" line of floor maintenance machines of all types for all uses. Look at this Red Devil line-up:

- * FLOOR POLISHERS-7 different size models; for professional or household use; for rental or sales-that wax, scrub, clean, scour, buff, and polish.
- * FLOOR SANDERS-3 different models, including portable types, for a wide range of uses, commercially or in the home.

FLOOR EDGER-a versatile model that sands where others can't.

* A complete line of Machine Accessories and Hand Conditioning Tools.

RED DEVIL CONDITIONERS "TAKE THE FLOOR"

Of course, it isn't enough to just put a certain machine on the market and let it go at that. Without boasting, Red Devil does a thorough job, step by step, no matter how long it takes or what the expense. Ruggedness, excellence of performance, and practibility of design-these three elements are combined in each Red Devil floor conditioner. From field surveys to the drafting table, from factory to user, Red Devil strives to produce the best machines on the floor.

TWO NEW MODELS ADDED

Most important in the additions to the Red Devil complete line of floor maintenance machines are two new models of home floor conditioners: the Red Devil FP-33 Floor Conditioner is a streamlined twin brush model which polishes, waxes, scrubs and reconditions (with steel wool br sandpaper) all types of floors. The Red Devil FP-23, "The Floor Polisher you can use every day", is a light, compact, popularly priced home floor polisher that meets a long recognized need and utilizes a unique suction principle (rather than weight) to maintain brush contact on the floor.

BACKED BY SALES HELPS AND ADVERTISING

To nationally project the "single-source" policy of purchasing. Red Devil also offers point-of-sale and other merchandising aids to help the dealer and interest the user. Factual national advertising completes Red Devil's push behind their whole conditioning line.





FLOOR POLISHING MACHINES



Rod Devil FP23 HOME FLOOR POLISHER

FASIER TO HANDLE THAN A CARPET SWEEPER -GIVES PROFESSIONAL RESULTS

This machine polisher has everything a housewife is looking for: low price . . . light weight . . . complete safety . . . attractiveness . . . and fool proof, fast action. Red Devil FP23 eliminates the last of the tedious, backbending chores—weekly polishing of floors by hand.

Because polishing brushes are totally enclosed by the felt buffer pad, the Red Devil FP23 cannot "run away". Gets in close to baseboards and will go under rugs and drapes with safety. Felt buffer pad also acts as bumper, protecting furniture. This Home Polisher is made of finest materials: high quality. genuine bristle brushes, fine appliance-type motor, and attractive, long-lasting hammered finish.

This machine will polish any flat surface in the home such as all types of floors, table tops, steps, walls,gets under furniture with ease.

The Red Devil FP23 Floor Polisher is what every wide awake dealer is looking for. Placed on display or demonstration, it will produce sale after sale for volume profits. Its price puts it within the reach of everyone's pocketbook

SPECIFICATIONS

COLOR: Silver-Gray, hammered lacquer finish.
MOTOR: 1/12 horsepower. 110-139 Volts Universal
(A.C.-D.C.) motor. (229 Volts on special order.)
BRUSH UNIT: 8 lech diameter. Ivelve ganuins bristle
brushes enclosed in felt buffer ring—8/2 inch fotal

Labeled by the

Underwriters'

Laboratories

diameter.

BRUSH SPEED: 5,000 R.P.M. on floor.

CORD: 25 feet gray, Underwriters' labeled cord.

WEIGHT: Only & pounds, 9 success.

SHIPPED ONE TO A CARTON; WEIGHT 10 POUNDS





WHY IT DOES A FAST, EASY JOB

Weight of machine does not rest on brush. "Knee action" spring and vacuum pressure keep brush on floor. Polishing brushes are totally enclosed by all-around felt buffer pad which removes swirl marks. (Replacement Kit of brush and buffer ring available at nominal charge.)



POLISHES AND BUFFS

AT THE SAME TIME





Red Devil FP33 FLOOR CONDITIONER

The versatile Red Devil Twin Brush Floor Conditioner for: waxing, polishing, scrubbing, refinishing, steel wooling, sanding all types of floors: wood, linoleum, asphalt and rubber tile, marble and terrazzo, cement, etc.

This new machine is a "natural" for sales to housewives and profitmaking rental. The functional, modern design and pleasing appearance make it easy to sell; two counter-rotating brushes and light weight make it easy to use; the new, powerful motor and complete accessories easily perform all cleaning, waxing, and polishing chores.



Underwriters' Laboratories

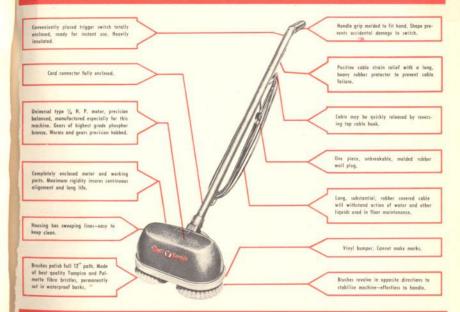
Easy to use. Passes smoothly under furniture, polishes counter, table, and desk tops. Bumper prevents marring.

SPECIFICATIONS

RED DEVIL FP33 TWO BRUSH POLISHER: complete with two 6" scrub brushes, two 6" polishing brushes, two felt pads. Equipped with ¼ h.p., 110 volt AC-DC motor, white plastic bumper, and 22 ft. heavy cable. Weight approximately 19 lbs.

"The Home Floor Conditioner . . . with Professional Performance"

Distinctive Sales-Building Features of Red Devil FP33



Streamlined! Versatile! Economical!

RedDevil

FP33 Floor Reconditioning Kit

COMPLETE FOR USE IN REFINISHING AND SANDING

CONSISTS OF

- 2 Holders
- 1 Wrench
- 4 Steel Wool Pads Packed in carton
- 6 Coarse Sandpaper Disks 6 Medium Sandpaper Disks
- 6 Fine Sandpaper Disks Weight approximately 4 lbs.







No. FP11 FLOOR POLISHER

THE FLOOR POLISHER THAT HAS EVERYTHING

/DOZEN EXCLUSIVE FEATURES

PRICED AND STYLED FOR COMPETITION

COMPLETELY SALEABLE

RUGGED CONSTRUCTION

STREAMLINED DESIGN

AVAILABLE IN THREE DISTINCTIVE COLORS:

SEA GRAY, CREAM-WHITE, or ORCHARD GREE

Choice of three distinctive, bakes ename! finishes - Sea Gray, Crean White, or Orchard Green, in the wi dow or on the floor, a group of three FP 11 Floor Polishers, each in a dil ferent color, makes an outstanding eye-catching display unit.



Brush instantly changed, without need of tools or godgets.

For sales or rentals to homeowners: operators of stores and showrooms; offices and apartment superintendents, etc.

LIKE PUSHING A FEATHER!

By streamline designing rather than by sacrificing weight of floor pressure, capacity of motor, or size of brush Red Devil, in introducing the new FP 11, offers the easiest-to-handle, best constructed, household-type Floor Polisher that has yet been marketed. The base, made of iron (not sheet metal), and the strategically-placed motor are centered directly over brush, producing a floor pressure unequalled in other models.

The FP 11 Floor Polisher is packed with many exclusive operating features, and is backed by the engineering skill, resources, reputation and strict sales policy that has made Red Devil the leader in the floor condition

National advertising and point-of-sales helps will assure constant turnover. For rental or household use, this new and different floor polisher is a profit-packed repeater.

FLOOR POLISHING MACHINES

Red Devil

No. FP11 FLOOR POLISHER - cont'd.



For Rental, or Household Use . . . These 12 Big Features

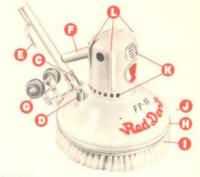
- A. Full size bicycle type handles and
- B. Instant action pistol grip momentary contact, pressure type switch (eliminates necessity to remove hand to stop or start).
- C. Positive, bayonet type lock holds handle firm, yet affords instant removal for hand operation (see left photo) or inserting into . . .
- D. Exclusive post on base which permits handle to stand up straight for storage in minimum space (see top right photo).
- E. Spring action cable hook holds cord taut at all times. No need to remove more cord than necessary.
- F. Easy carrying handle (also used in hand operation). Contains and protects plug for cord.
- G. Casters drop down. Permit easy rolling of machine to and from job. Easily kicked up when machine is operated.
 - H. Finest quality white rubber bumper, all around. No soiled base boards.
 - I. Brush instantly removed without need of tools or gadget.
 - J. "Red Devil" Trade Mark cast into base defies imitations.
 - K. Intake louvers at front and back and outlet holes at sides plus four . . .
 - L. Cooling fins assure maximum circulation of air-keep the motor cool.



The FP 11 (see D below) can be conveniently stored in broom or clothes closet



With addition of separate cord (with switch). the FP 11 can be used for hand operation in polishing small areas, stairs, and off-the-floor surfaces



SPECIFICATION

MOTOR-15 H.P., 110 volt, Universal AC or DC Motor. RUSH—10" wood laminated back with 11" bristle spread for palishing furnished. Steel wire brush, bassine scrub brush, steel wool pod, felt polishing pod are extra.

PRESSURE—The iron base (not sheet metal) and location of motor produce weight centered directly over brush. Pres-RED DEVIL No. FP11 - COMPLETE WITH POLISHING BRUSH, CHOICE OF THREE COLORS: PACKED INDIVIDUALLY IN DUAL CARTONS: SHIPPING WEIGHT 40 LBS.

sure on floor unequalled on Household Models. LUBRICATION—Grease sealed bearings, continuous lubrication. CORD Modern, gray, rubber covered, heavy duty. (Under-writers approved.) 40' length.

COLOR-Finished in enamel and chrome, in a choice of SEA GRAY, CREAM-WHITE and ORCHARD GREEN. WEIGHT-33 lbs. complete with polishing brush.

BASY TO USE

OPERATION

YET FAST

HEAVY DUTY

BRUSHES INSTANTLY

REPLACEABLE

DESIGNED FOR

· OUIET

RUGGED

Red Devil FP1 ELECTRIC FLOOR POLISHER

Rounding out the line of Red Devil floor conditioning machines, the FP1 Electric Floor Polisher is a heavy duty floor polisher designed for heavy duty and for maintenance and rental service. Instantly replaceable brushes include scrubbing, waxing, polishing and steel wire brushes for complete floor conditioning in stores, offices, institutions and homes. The motor is centered directly over the revolving brush, putting all the weight where it will do the most good. The latest type of reduction drive and helical gears give quiet operation with 100% motor efficiency. Motor and gears are one unit with hermetically sealed-in lubrication for bearings and gears. Maintenance is reduced to a minimum—greasing is required only every 12 months. Capacitor motor offers efficient current consumption and entire freedom from radio static. Furnished with polishing brush. Scrubbing and wire brushes available.

RUGGED CONSTRUCTION FOR HEAVY DUTY USE

MOTOR — ¼ H. P., heavy duty, 110 volt, 50 cycle, sealed bearings. AC Capacitor motor. Can be furnished with 110 volt DC motor at additional cost.

BRUSH — 10" wood, laminated back with 11" bristle spread for polishing furnished. Scrubbing or steel wire types also available. See page 72.

BRUSH SPEED — 210 revolutions per minute.

BRUSH SPEED — 210 revolutions per minute. WEIGHT — 56 lbs. pressure on floor.



RED DEVIL FP1 FLOOR POLISHER. COMPLETE WITH POLISHING BRUSH. PACKED INDIVIDUALLY IN DUAL CAR-TONS. SHIPPING WEIGHT 80 LBS.

Wheels for ease of transporting machine raise up during operation to lower complete weight onto revolving brush.



SWITCH — Momentary contact, safety type, trigger switch

REDUCTION UNIT

— Hermetically sealed internal gear drive, continuous lubrication.

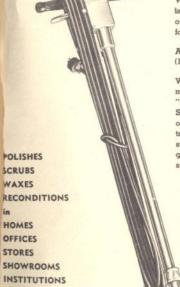
CABLE — Approved heavy duty rubber covered, 40 ft. length

WHEELS — 3" rub ber cushioned on retracting casting.

CASTING — Polished, aluminum alloy. Patented brush lock straps facilitating easy removal of brushes.

Red Devil

FP2 ELECTRIC FLOOR POLISHER



Wheels for ease of transporting

machine raise up during opera-

tion to lower complete weight

With a full 13" brush spread, the FP2, the companion floor polisher to the FP1, is still another streamlined adjunct to the famous Red Devil line of floor maintenance machines. It's a brute for work, built for durability and heavy duty.

A higher horsepower motor (1/3 H.P.) and a greater brush spread (13") are the essential differences of the FP2 over the FP1.

When it comes to rugged, easy-to-use and complete maintenance machines, the Red Devil models FP1 and FP2 Floor Polishers "take the floor"—for rental service or industrial floor maintenance. Scrubbing, waxing, polishing and steel wire brushes snap on and off with a twist of the wrist—no tools, no bolts, no clamps; centrifugal force holds them on. Quiet 100% efficient operation results from the latest type reduction drive and helical beveled gears. Hermetically sealed-in lubrication. Static-free current consumption.

SPECIFICATIONS

MOTOR—1/3 H.P., heavy duty, 110 volt, 60 cycle, sealed bearings, A.C. Capacitor motor.

BRUSH—12" wood, laminated back with 13" bristle spread for polishing, furnished. Scrubbing, waxing, or steel wire types, as

well as steel wool and felt pads, also available. BRUSH SPEED—210 revo-

lutions per minute.

WEIGHT—68 lb. pressure on floor.

SWITCH — Momentary contact, safety type, trigger switch.

REDUCTION UNIT—Hermetically sealed internal gear drive, continuous lubrication.

CABLE—U.L. approved, heavy duty rubber covered, 40' length.

WHEELS—3" rubber cushioned on retracting casting.

CASTING — Polished, aluminum alloy. Patented brush lock straps facilitating easy removal of brushes.

RED DEVIL FP2 FLOOR POL-ISHER, COMPLETE WITH POL-ISHING BRUSH. PACKED IN TWO CARTONS. SHIPPING WEIGHT 73 LBS.

SELLING FEATURES

onto revolving brush.

- FAST BRUSH CHANGE
- FINGER TIP CONTROL
- ALL-AROUND WHITE BUMPER
- EXTRA LONG CORD
- WORK-CENTERED WEIGHT
- MINIMUM MAINTENANCE

ROSE TOOLS, INC.

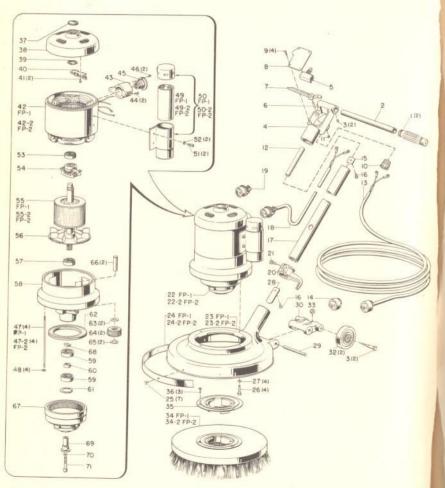




FLOOR POLISHING MACHINE PARTS

Red Devil

PARTS LIST for FP1 and FP2 FLOOR POLISHERS



FLOOR POLISHING MACHINE PARTS



Red Devil

PARTS LIST for FP1 and FP2 FLOOR POLISHERS

			CARROR	TIN INCOM	· VMAI	7444	MAKIN
E	OH A NITHER		NUMBER	1.2020/2006			NUMBER
PART NAME	QUANTITY	FP1	FP2	PART NAME	QUANTITY	FP1	FP2
Handle Grips	2	1	1	Cut Out Switch	1	40	40
Handle Grip Tube	1	2	2	Cut Out Switch Screw (6-32 x 3)			
Tube Set Screw (10-24 x 1/4 Allen)	2 -	3	3	RH)	2	41	41
Switch Box	1	4	4	Stator	1	42	42.2
Switch (C-H)	1	5	5	Junction Box	1	43	43
Switch Trigger Pin (3/16" x 1")	1	6	6	Junction Box Screw (10-24 x 12 RH)	2	44	44
Switch Trigger	1	7	7	Junction Box Connector (H-H 7302)	1	45	45
Switch Cover	1	8	8	Junction Box Connector Screw			
Switch Cover Screw (6-32 x 17 R.H.)	4	9	9	(6-32 x 3 RH)	2	46	46
Cable Connector	1	10	10	Motor Rods	4	47	47-2
Cable Connector Set Screw (10-24 x				Motor Rod Nuts (10-32 Hex)	4	48	48
14 Allen)	1	11	11	Capacitor (107-120 MFD, 125V AC	.41	-	400
Rubber Strain Relief	1	12	12	60 CycFP1: 216-240 MFD. 125V			
Cable w/Connector (40'-16/25)	1	13	13	AC 60 CycFP2)	1	48	49-2
Male Connector (Hubbell 9756)	1	14	14	Capacitor Cover	1	50	50-2
Handle Tube Lock Nut (Upper)	1	15	15	Capacitor Cover Screw (10-22 x 12		30	30.7
Handle Tube Screw (14-20 x 14 Hex)	2	16	16	RH)	2	51	51
Handle Tube	1	17	17	Capacitor Cover Washer (#16		41	91
Motor Cable w/Connector (16/25)	1	18	18	Shakeproof)	2	52	52
Female Connector H H 8281	1	19	19	Upper Rotor Bearing (202 KLD	4	32	27
Cable Hook	1	20	20	Fafnir	7727	1720	1010
Cable Hook Screw (14-20 x 14 Hex)	1	21	21		1	53	53
Motor Complete (14 HP 50 Cyc.	- 4-7		**	Centrifugal Switch	1	54	54
110V AC-FP1: 15 HP 60 Cyc.					1	55	55-2
110V AC-FP2)	1	22	22-2	Rotor Fan	1	5.6	56
Brush Housing	1	23	23-2	Lower Rotor Bearing (203 KLD			
Rubber Bumper	1	24	24-2	Fafnir)	1	57	57
Bumper Rivets (9/64 x 19)	7	25	25	Motor Base Casting	1	58	5.8
Brush Housing Screws (14-20 x 1	7	25	25	Center Shaft Bearing (203P Fainir)	2	59	59
Hex)	1000		44	Bearing Spacer	1	60	60
Brush Housing Washers (%" Lock)	4	26	26	Bearing Retainer Ring (Waldes			
Handle Tube Lock Nut (Lower)	4	27	27	5000-156)	1	51	51
Wheel Pivot Casting Rod	1	28	28	Gear Housing Grease Seal	1	62	62
Wheel Pivot Casting	1	29	29	Large Thrust Washer	2	63	63
Wheel Axle	1	30	30-2	Idler Gear w/Bearing	2	64	64
Wheel	2	31	31	Small Thrust Washer	2	65	65
	2	32	32	Dowel Pin (12" x 2")	2	66	66
Wheel Axle Nut (1/4-20 ESNA)	2	33	33	Gear Housing	1	67	67
Polishing Brush w/Lock Brush Lock	1	34	34-2	Center Shaft Screw Nut	1	68	68
Break t	1	35	3.5	Center Shaft	1	69	69
Brush Lock Screws (10 x 1" F.H.				Center Shaft Screw Washer (14"			
Wood Screws)	3	36	36	Lock)	1	70	70
Motor Housing Cap Plug	1	37	37	Center Shaft Screw (1/4-20 x 1 1/4			
Polor Housing Con	1	38	38	Allen Cap)	1	71	71
Spring Thrust Washer	1	39	39		100	100	

Helpful "Hows" About Red Devil Floor Polishers, FP1 and FP2

HOW TO OPERATE: Place the polishing brush on the floor. Machine is plugged into 110V electric circuit and placed directly over polishing brush. The wheel casting should be then lifted, and while machine is held in perfectly level position, switch should be thrown off and on to secure locking of brush on to brush lock carrier. In operating, direction of motion may be controlled by slight moving of handle either up or down for changing of direction from right to left. Downward pressure will cause machine to revolve to the left: an upward motion of the handle propels it to the right. Brush may be removed by leaning machine back on the handle, switch off, and snapping brush in counter clock-wise rotation.



"4 IN 1"

MAINTENANCE

MACHINE

· · · · that

FLOOR

FLOOR POLISHING MACHINES

FP-3B ELECTRIC FLOOR POLISHER

NEW PROFESSIONAL MODEL

This new heavy duty, professional model floor polisher rounds out the "all-purpose" line of Red Devil floor maintenance and reconditioning machines. Of all the Red Devil floor polishers, the FP-3B is the "draft horse" model that can really take it on jobs requiring constant and extra durability of performance.

It is made to stand up without maintenance for a long period. Its 10) pound weight, its full 17" brush spread, and its high-speed ¾ H.P. repulsion induction motor—here distinguishing advantages assure long-life, dependable service. Consistent with Red Devil's policy of offering the best in floor maintenance machines, this FP-3B model includes all of the many time-proven features of the FP-1 and FP-2 models,

SPECIFICATIONS

MOTOR-% H.P. heavy duty. 110 volt. 60 cycle A.C. repulsion induction motor. 1800 R.P.M.

BRUSH-15" wood. laminated back with 17" brush spread for polishing furnished Scrubbing. waxing. or steel wire types. as well as steel wool and lelt pads, also available.

> WEIGHT - Approx. 110 lbs., complete with polishing brush.

BRUSH SPEED-180 R.P.M.

SWITCH - Momentary contact, safety type, trigger switch.

MAXIMUM

FRICTION

High brush speed

and extra weight

combine to create

maximum friction.

producing faster.

more efficient "reconditioning" results

when this new pro-

fessional FP-3 model

is put to work.

REDUCTION UNIT—Totally enclosed internal planetary gears, 10 to 1 ratio. Sealed lubrication.

CABLE—Heavy duty rubber covered, 40 length.

WHEEL5-Rubber cushioned on retracting casting.

CASTING-Polished aluminum.

Readow

RED DEVIL No. FP-3B-COMPLETE WITH POLISHING BRUSH, PACKED INDIVIDUALLY IN DUAL CARTONS, SHIPPING WEIGHT, APPROX, 117 LBS.

FLOOR POLISHING MACHINES



Red Devil

FP-3F ELECTRIC FLOOR POLISHER

THE "LOW HEADROOM" MODEL

This model, in the heavy duty professional "FP-3" series of Red Devil Floor Polishers, differs in two respects from FP-3B. It has a capacitor induction motor and it is $2^{1/4}$ inches lower in height than the FP-3B. This difference in height is an important consideration as it permits unrestricted use in churches, auditoriums, courtrooms, waiting rooms, laboratories, and shops where floor maintenance work must be done under permanently built-in pews, benches or similar furniture.

SPECIFICATIONS

MOTOR-34 H.P. heavy duty, 110 volt, 60 cycle A.C. Capacitor motor, 1800 F.P.M.

- 2 BRUSH-16" wood, laminated back with 17" brush spread for polishing furnished. Scrubbing, waxing, or steel wire types, as well as steel wool and felt pads, also available.
 - 3 WEIGHT Approx. 110 lbs., complete with polishing brush.
 - 4 BRUSH SPEED-180 R.P.M.
 - 5 SWITCH Momentary contact, safety type, trigger switch.
 - 6 REDUCTION UNIT Totally enclosed internal planetary gears, 10 to 1 ratio. Sealed lubrication.
 - 7 CABLE Heavy duty rubber covered. 40' length.
 - 8 WHEELS Rubber cushioned on retracting casting.
 - 9 CASTING Polished aluminum.

For constant use and extra performance in intensive professional service

FEATURES THAT SATISFY!

WAXES

SCRUBS

POLISHES

RECONDITIONS

- 1. FAST BRUSH CHANGE—Tilt machine back, turn breah ¼ turn counter clockwise and it drops off. Slap on new brush, turn ¼ turn clockwise and it's ready to go to work.
- 2. FINGER TIP CONTROL No stooping, no fumbling with the RED DEVIL FP-38 FLOOR POLISHER, Controls are built right into the hand aris.
- ALL AROUND BUMPER of soft rubber protects baseboards, counters, furniture, etc.
- WORK CENTERED WEIGHT—The motor of the FP-2B is centered directly over the brush where it really bears down on the job.
- 5. MINIMUM MAINTENANCE-Lubrication is hermetically sealed in.

RED DEVIL NO. FP-3F-

COMPLETE WITH POL-ISHING BRUSH PACKED

INDIVIDUALLY IN DUAL

CARTONS, SHIPPING

WEIGHT APPROXI-

MATELY 117 LBS.

NO.FP3-F



FLOOR POLISHING MACHINES

Red Devil

BRUSHES and ACCESSORIES for FLOOR POLISHING MACHINES



UNION MIX POLISHING BRUSH

No. FP1-24 BRUSH, 10" DIA., WT. 4 LBS. No. FP2-224 BRUSH, 12" DIA., WT. 5 LBS. No. FP-3 BRUSH, 16" DIA., WT. 6 LBS. No. FP-11 BRUSH, 10" DIA., WT. 4 LBS.



No. FP-1 BRUSH, 10" DIA., WT. 4 LBS. No. FP-2 BRUSH, 12" DIA., WT. 5 LBS. No. FP-3 BRUSH, 16" DIA., WT. 6 LBS. No FP.11 BRUSH, 10" DIA., WT. 4 LBS.



BASSINE SCRUBBING BRUSH for Scrubbing, Cleaning

No. FP1.22 BRUSH, 10" DIA., WT. 3 LBS. No. FP2-223 BRUSH, 12" DIA., WT. 5 LBS. No. FP-3 BRUSH, 16" DIA., WT. 6 LBS. No. FP-11 BRUSH, 10" DIA., WT. 3 LBS.

(Genuine Palmetto fibre brushes also available)



No. FP1-25 BRUSH. 10" DIA., WT. 3 LBS. No. FP2-225 BRUSH, 12" DIA., WT. 5 LBS. No. FP-3 BRUSH, 16" DIA., WT. 6 LBS. No. FP-11 BRUSH, 10" DIA., WT. 3 LBS.





FELT PAD

No. FP1-28 PAD, 10" DIA., WT. 14 LBS, per Carton No. FP2-226 PAD, 12" DIA., WT. 20 LBS, per Carton No. FP-3 PAD, 16" DIA., WT. 25 LBS, per Carton No. FP-11 PAD, 10" DIA., WT. 14 LBS, per Carton

(Lambs Wool buff pads also available)

STEEL WOOL PAD

for Buffing, Cleaning (No. 2 Steel Wool)

No. FP1-27 PAD, 10" DIA., WT. 10 LBS, per Carton No. FP2-227 PAD, 12" DIA., WT. 20 LBS. per Carlon No. FP-3 PAD, 16" DIA., WT. 25 LBS. per Carton No. FP-11 PAD. 10" DIA., WT. 10 LBS, per Carton





LAMBS WOOL PAD . . . , for buffing and polishing

FP-1 BUFFER 13" DIA. WT. 114 LBS. per Carton FP-2 BUFFER 15" DIA, WT. 112 LBS, per Carton FP-3 BUFFER 19" DIA. WT. 214 LBS. per Carton FP-11 BUFFER 13" DIA. WT. 114 LBS, per Corton

BRUSHES ARE PACKED ONE TO A CARTON: PADS ARE PACKED TWO DOZEN TO A CARTON.

FLOOR SANDING MACHINES



No. 444

Red Devil No. 444 FLOOR SANDER

THE MACHINE THAT MAKES ALL FLOORS NEW FLOORS

Modern product design, streamlining, superb engineering skill, plus sound merchandising methods, makes the RED DEVIL No. 444 FLOOR SANDER particularly inviting for individual ownership, or for rental to others.

The "Leader" model combines the utility and ruggedness of the most expensive professional models, with the fool-proof simplicity of the "rental" type machine. Thus, RED DEVIL, has perfected an all purpose sanding machine that eliminates the need for more than one unit, gadgets, or attachments.

As a rental service machine, the No. 444 has no equal. It quickly pays its way-and also serves as a perfect floor sample or demonstrator for individual or industrial sales purposes. The sale of sanding paper, wood-scrapers, sand paper holder (see elsewhere in the catalog) as well as steel wool, varnish. lacquer, wax, etc., increase profits.



- POWERFUL AND EFFICIENT
- · LIGHT AND PORTABLE
- SIMPLE TO HANDLE
- PERFECT RESULTS
- RUGGED GUARANTEED
- DUSTPROOF AND FOOLPROOF
- OPERATES IN BOTH DIRECTIONS

QUALITY FEATURES

The No. 444 lays solid and steady to the floor. Will scrape the average room in less than one hour. No dust. Works in BOTH directions with equal effectiveness. Sands within 1/8" of straight baseboard or flush with 1/2" round. No vibrations - no stop or chatter marks. Will remove 6 coats of paint without aid of any chemicals.

Up to 2,000 feet of new flooring per day, or up to 1,000 feet of old flooring can be conditioned by RED DEVIL

No. 444 under normal conditions.



With every No. 444 Floor Sander, an All-Aluminum RED DEVIL No. WS 7 Hand Wood Scraper with No. 21/2 RED DEVIL Replaceable Blade is included without extra cost.

RED DEVIL No. 444. PACKED ONE IN A CRATE. SHIPPING WEIGHT 197 LBS.

Red Devil

Sturdy, rugged construction assures that this Sanding Machine will give long, trouble-proof results in inexperienced hands under all conditions. All parts are standard.

Drum and fan bearings only occasionally need sparse lubrication: all other parts are greased at assembly and need no further lubrication.

Sanding paper is quickly and easily changed. Dust bag should be emptied when three-quarters full and each night, regardless of whether or not the job has been completed.

Among the large individual purchasers of RED DEVIL No. 444 are of course the nation's leading painting and flooring contractors, and boat yards. ships' handlers, bowling alleys, skating rink operators, hotels, building management and maintenance organizations, carpenter-builders, armories, ballrooms and recreational centers, schools, colleges, industry.



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1704 =

of Black

699

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444 FLOOR SANDER

Specify Serial numbers of machine when

ordering parts.

FLOOR SANDING MACHINE PARTS

Red Devil No. 444 FLOOR SANDER SPECIFICATION

MOTOR, Powerful, Specially Built, Wound for 110 and 220 AC. SANDING DRUM, 8" wide overall by 41/2" diameter. Covere with special 1/2" sponge-rubber pad. Scientifically balanced give absolutely smooth sanding without vibration. Fast-cutting speed 1550 R. P. M.

DUST COLLECTOR, Gets all the dust - forward or backward operation. Double pall bearings enclosed in Scroll Housing Revolves at speed of 4,000 R. P. M. Efficient. Driven by V-bil direct from double pulley on drum shaft.

DRIVE, Heavy, tough cord-fabric V-belts from Motor to Drum and Fan. Noiseless-prevent slipping. No chains or gears to wear ou TRUCK WHEELS. Disc type rubber wheels - absolutely siles.

HANDLE ASSEMBLY, Extra heavy tubular-twin handles adjusted up or down to suit height of operator. Special bracket connecting exhaust pipe makes it sturdy and beautiful.

EQUIPMENT, 40 ft. rubber covered, heavy No. 14, two-strast Extension Cable, Dust Bag and Wrenches, Sandpaper Templas

DESIGN. Streamlined for efficiency and beauty. A machine you be proud of.

PARTS LIST FOR No. 444 FLOOR SANDE

1414	Dust Pan	1471	Drum Shaft Screw Heft
1415	Carrying Handle	1472	Drum Shaft Screw (righ
1416	Fan Cover	1473	Switch
1417	Fan Housing	1474	
1418	Fan	1483	Drum Shaft Key Wrench (speket)
1419	Belt Guard	1486	Matar Base Plug
1420	Handle	1487	Motor Base Plug
1421	Chassis	1707	Coble Attachment Plug
1421	Switch Cover	1488	Cop
1423	Motor Box	1507	Motor Bearings
1474	Motor Box Cover	1586	Clean Out Disc
1425	Slide Plate	1631	Pulley Set Screw
1426	Tube Clamp	1632	Adjuster Nut
1427	Side Plate Right	1633	Drum Shaft Washer
1428	Side Plate Left	1649	Plug for Fan Housing
1429	Side Plate Lett	1049	Stop Key for Knurled
1430		1650	Clamps
1431	Drum Pulley	1651	Washer for Fon Shaft
1432	Drum Shaft	1652	Nut for Fan Shaft
1433	Knurled Clamps	1653	Washer for Admitter Sch
1436	Axle	1669	Catter for Adjuster Scre
1437	Drum	1009	Gasket for Fan Housing
1438	Fan Shoft	1672	Motor Cable with cable
1443	Pulley for Fan		body and Terminals
1444	Wheel Adjuster	1676	Drum Bearing Housing
1445	Handle Tubes	1689	Slide Plate and Mater
1446	Dust Bag Tube	1.000	Mount Washers
1447	Drum Guard	1092 A	Fan Cover Screws
1449	Drum Guard Weight	1693 B	Side Plate Screws
1450	Fan Belt	1694 C	Bearing Cover Screws
451	Drum Belt	1695 D	Switch Cover Screws
1453	Rubber Grip	1696 E	Switch Screws muste
1454	Drum Cover	1697 F	Hinge and Cover Plate
1455	Rubber Bumper		Screws
1456	Dust Bog	1698	Clamp Lock Screw
	Wheels	1699	Clamp Lock Screw Nut
1457	Extension Cable with Cable	1700	Suction Tube Clamp Led
	Attochment-Plug and	400	
1458	Terminals	1701	Handle and Slide Plate
1460	Fan Bearing SKF 6201 2RS		
	Wrench Clips	1702	Slide plate and Matal
1461	Adjusting Screw		Mount Screws
1462	Bearing Cover	1703	Belt Guard Screws
1463	Drum Bearing SKF 6203 RS	01704	Belt Guard Screws
1465	Springs for Knurled Clamps	1.705	Belt Guard Screws
1466	Bearing Cover Drum Bearing SKF 6203 RS Springs for Knurled Clamps Cable Coupling Hose Cable Body for motor base physic (9085)	1706	Slide Plate Screws
1467	Hose	1707	Slide Plate Screws
1468	Cable Book to	1708	Sandpaper 5100 Cerew
. 100	cubit bouy for motor base	1709	Motor Base Plug Screen
1469			
	Drum Guard Hinges	1712	Drum Bearing Houses
1470	Wrench (open end)		Screws

FLOOR SANDING MACHINES

Red Devil No. FS5 FLOOR SANDER

REVOLUTIONARY, PROFESSIONAL MODEL SANDER

Another startling innovation in the famous line of Red Devil Floor Conditioning Machines-it's the new, professional FS5 Floor Sander. Ailer many months of patiently convassing the demands of the trade, and of scientifically analyzing the "bugs" and faults of competing machines, Red Devil is proud to present this revolutionary professional model, the best that modern engineering skill can produce. Unlike ordinary models all features of the FS5 point up to one overwhelming trade advantage—faster, better, and especially cleaner sanding at lower cost and less operating effort. Compare the following exclusive features of the FS5 professional Floor Sander:

PRE-SET PRESSURE - CONSTANT, AUTOMATIC

First, take the pre-set pressure lever feature of the FSS, an operator's dream come true. A flip of the pressure lever automatically regulates the sanding drum pressure and instantly sets it for the desired cut. Once set, a light or heavy pressure stays constant to suit any prescribed condition, allowing the operator to use both hands for guiding the machine. No stopping, no stooping for under-machine adjustments.

JOB-ENGINEERED, POWERFUL MOTOR

Second, see that powerful $1\frac{1}{2}$ horse power, that's job-engineered for the professional Floor Sander. It's rugged, and delivers more power under any sanding condition. It's a quick starter, even during the most severe weather. Equipped with two separate connections for 110 and 220 volts, this new system eliminates switch failure, burnouts, or fire hazards. By removing belts, motor is easily lifted out for transporting machine to the job.

DUAL DUST PICKUP - DOUBLE EFFICIENCY

Third, take the exclusive Red Devil dust collecting system. It has two fans, and two separate pickup ducts. The ducts pick up the dust particles from both the top and bottom of the sanding drum - the dust is then impelled through two separate fans into the oversized sanding bag. This new system assures complete suction of all particles - the dust just can't escape. It travels only 6" from the floor to fans, and only 15" from the floor to the bag. The bag is twice the size of ordinary models. This fan system is made of one aluminum casting, eliminating noisy hums and troublesome vibrations.

HIGH SPEED DRUM-FASTER SANDING

And fourth, compare Red Devil foolproof, compact sanding drum. Only 61/2" in diameter, this drum assures higher cutting speed without vibration, whipping off thin or thick Palat and varnish layers so fast that the sandby paper will not gum from melted deposits. NOTE: The FSS will be available with a algadard type drum, or new spiral round drim as optional equipment at additional rost. On this new drum the paper forms a complete cylinder. It will not break or bend. eliminating chatter or wave-marks.

CLEANER, FASTER DUST COL-

2. EASILY REMOVABLE MOTOR

3. STRUCTURAL STEEL FRAME

PRE-SET PRESSURE LEVER

5. EASY DRUM REPLACEMENT

CONSTANT SANDING PRESSURE

SPECIFICATIONS

EXCLUSIVE FEATURES

MOTOR—Special 11/2 Horse Power motor, 110 and 220 volts, 1.750 R.P.M.

SANDING DRUM-81/2" dia., 8" wide. Covered with special 1/2" sponge rubber pad. Two types of drum will be available: standard and spiral wound. DUST COLLECTING SYSTEM—Two fans, two pickup ducts. Effective suction maintained at less than 5,000 R.P.M.

PRE-SET PRESSURE LEVER—Handle grip control sets pressure at any predetermined level.

DRIVE-Two, matched V-belts. Equalized tension. TRUCK WHEELS - Ball-Bearing, non-marking, pressed steel wheels.

EQUIPMENT-50 Feet of No. 12 rubber covered cable, oversize dust bag, 2 socket wrenches, sandpaper template. DESIGN-Welded structural steel frame, cast alumi-

num body, low center of gravity - floor-balanced. WEIGHT-Approximately 200 lbs. RED DEVIL FSS, WITH COMPLETE EQUIPMENT, PACKED IN WOODEN CRATE. SHIPPING WEIGHT APPROX 250 POUNDS.

No. FE2 VERTICAL FLOOR EDGER

VERTICALLY OPERATED

VERTICALLY OPERATED

FULL VISIBILITY

DUAL PURPOSE
FAN

ADJUSTABLE
BALL CASTERS

AUTOMATIC
HEADLIGHT

FIRM - GRIP
HANDLE

Recommended for sanding in corners, closets, cabinets, on sills, transoms, stair treads, dados, tables, shelves, sanding down lumber, and many commercial A PROFI' and industrial uses.

BUILDER

The new Red Devil FE2 Vertical Floor Edger gives the operator a full view of the working surface at all times. This machine is fast and powerful, utilizing the full force of its universal motor. And its light weight makes the FE2 truly portable.

through

SALES OF RENTALS

Equipped with ball casters that are guaranteed not to mar or gouge the floor, the FE2 is highly maneuverable in a circular or linear motion. A moveable bracket, holding the ball casters, adjusts easily—expands or contracts at will for use on stairways and other inaccessible places.

The dust bag on the FE2 is so designed that it keeps "out-of-the-way" at all times during operation—no entanglement, no obstruction. Full visibility of working area is maintained constantly, not only through this special bag construction, but by the easy, firm-grip handle.

The FE2 does not raise dust—in fact, it removes it! Its dual purpose fan sucks up the sawdust, grime, and grit, as well as cools the motor no matter how long the job.

Each FE2 Floor Edger is equipped with a large 7" sanding disc. A special wrench is supplied, enabling operator to change sanding discs or make horizontal or vertical adjustments. Universal motor operates on 110 volt A.C. or D.C. current.

RED DEVIL No. FE2 - COMPLETE WITH 7" SANDING DISC AND DISC CUTTER: PACKED ONE TO A CARTON: SHIPPING WEIGHT APPROXIMATELY 35 LBS.

OPERATING "AIDS"

Be sure switch is "off" before plugging in extension cord. *Use light pressure—no effort is required. *A small amount of kerosene to dampen thick and gummy surfaces is recommended. *When dust-bog is two-thirds full. it should be emptted. *After each job or while standing overnight, empty bog. *No oiling or greasing is necessary—gear case and armature ball bearings are permanently lubricated.

HOW TO INSTALL NEW ABRASIVE DISC

Remove hexagonal screw and washer with special wrench that is supplied. Replace old sandpaper with new, inserting screw with washer on outside of paper.

HOW TO USE THE RED DEVIL DISC CUTTER

Place the disc cutter (see Illustration below) on floor with cutting edges up, laying sandpaper (abrasive side up) over it. To prevent paper from slipping, first hammer with the wooden mallet the inner circle of the pattern. Then, with the mallet, cut paper completely around the outer circle.



FREE DISC CUTTER

LIGHT WEIGHT

Illustrated to the left is the Bed Devil Disc Carter set, supplied free with each No. FEI Floor Edger, for those who prefer to make their own discs. Set consists of pattern, template, and mullet.

Red Devil No. 440 PORTABLE VACUUM SANDER

FREE DISC CUTTER: Illustrated below is the RED DEVIL DISC CUTTER. supplied free with each #440 Vacuum Sander for those who prefer to make their own discs. Set consists of pattern, template and mallet.

RED DEVIL No 440—Portable Vacuum Sander complete, including free disc cutter. 1 to a case, wt. 36 lbs.





Again RED DEVIL engineers have succeeded in combining into one model all the advantages of both the professional and rental types of machines. Thus the No. 440 is recommended as an all-purpose sander and edger.

The No. 440 Portable Vacuum Sander operates with feather-touch control. The removable handle permits use on either side, providing greater ease and convenience in sanding corners and hard-to-get-at-locations, while operating in head-on position.

The unit weighs less than 35 lbs. and therefore is truly portable, and can be operated with ease even in a vertical operation. The machine is very fast and powerful, designed to utilize the full force of its motor.

The RED DEVIL No. 440 is truly "dustless", collecting particles of wood powder etc., through a vacuum suction that is at superior merit.

The sanding disc is completely guarded in every position. A "headlight" lights the surface to be sanded, preventing slipshed jobs. All parts are standard, readily replaceable, and selected for long wear and abuse.

The results are smooth, effortless, and even a rank amateur will avoid surface gauges, marks, etc.

The No. 440 is recommended for sanding in corners. closets. cabinets, on sills, transoms, stair treads, dados, resurfacing future, desk tops, tables, shelves, sanding down lumber, and many commercial and industrial uses.

Universal motor operates on any 110 volt A.C. or D.C.

HOW TO OPERATE

Install new abrasive disc by simply ENGAGING the spindle lock located between geared head of motor and large par covering the disc. Then place hand flat against disc and turn counterclockwise until lock nut is free. Slip out old abrasive disc and replace with new disc of required grit. Replace lock nut, turn disc clockwise until tight. DISEN-GAGE spindle lock.

Be sure switch is "off"—plug in extension cord—and you're ready to go.

Use light pressure—no effort is required. It is advisable to support bottom of machine by resting the dust pan against the floor. That prevents gouging or marking surface—makes the unit "dustless" and eliminates all "elbow grease."

A small amount of KEROSENE to dampen extremely thick and gummy surfaces is recommended. Work the machine rapidly on the first cut in such cases.

When the dust sack is two-thirds full, it should be emptied. Always empty the dust sack after each job is completed or before allowing machine to stand overnight, particularly on varnished surfaces.

The gear case and armature ball bearings are PERMA-NENTLY LUBRICATED—no oiling or greating is necessary and should be avoided. A special 'ground' wire is turnished to protect against electrical shock when working under adverse conditions.



FLOOR SANDING MACHINE PARTS

Red Devil LIST OF PARTS FOR NO. 440



	*:				
440-233	Oil Seal Ball Bearing	440-385	Bag Clamp	100000000	Water Print Co.
440-236	Plate Seal Ball Bearing	440-387	Bag Carrier	440-434	Switch Bracket
440-241	Screw	440-389		440-440	Gear Lock Nut
440-242	Screw	440-391	Vacuum Bag and Coupler Lamp Clip	440-443	Screw
440-246	Washer	440-392	Bulb 115V	440-444	Bearing Lock & Seal
440-248	Set Screw	440-393		440-445	Screw
440-253	Electric Cord	440-394	Lamp Socket Screw	440-450	Tool Spindle Spring
440-256	Clinch Ring	440-395		440-451	Felt Washer
440-257	Cord Retainer		Screw	440-452	Switch Protector
440-259	Insulation Tubing	440-397	Screw	440-462	Side Handle Complete
1550-C87	Brush Holder	440-398	Screw	440-499	Brush Holder Ring
1550-C87B	Brush Holder Cap	440-399	Screw	440-501	Flexible Conduit
440-290		440-401	Housing	440-502	Washer
440-299	Tool Spindle Lock Ass'm	440-403	Gear Case	440-503	Screw
440-233	Woodruff Key	440-405	Switch Handle	440-504	Ball Bearing Oil Seal
THE CHARLES	Nut	440-406	Bearing Support	440-506	Screw
440-341	Lock Washer	440-408	Spring Retainer	440-507	Fan
440-343	Lock Washer	440-414	Motor Field	440-508	Light Lead
440-344	Screw	440-415	Motor Armature with Fan	440-518	Sanding Disc Holder
440-347	Screw	440-417	Needle Bearing	440-512	Wrench
440-348	Screw	440-418	Lock Nut	440-575	Bearing Retainer
440-349	Woodruff Key	440-420	Armature Pinion	440-576	Suction Hood
440-372	Bag Carrier Connection	440-422	Gear Carrier	440-577	Suction Fon
440-373	Vacuum Bag	440-423	Tool Spindle Gear Ass'm	440-578	Extension Shoft
440-374	Chain Ass'm	440-425	Tool Spindle Ass'm	440-579	Spacing Washer
440-379	Housing Spacer	440-426	Lock Washer for Tool Spindle	440-584	Suction Hood & Br. Ret. Ass'm
440-380	Bag Carrier Screw	440-427	Drive Pin	440 589	Insulation Washer
440-382	Guard Holder	440-430	Battle Plate	1250-457	Switch
440-383	Disc Guard Complete	440-431	Inspection Hole Cap	1550-16	Motor Brush

Red Devil

FLOOR CLEANING

CLEANING SOLUTIONS—An approved cleaning solution of the proper concentration should be applied to the floor with an ordinary type of cotton string mop. Only a guaranteed neutral cleaner should be used on floors that have accumulated average dirt deposits. Scorp films should be treated with an alkaline cleaner: alkaline films with an acid-base cleaner; and oil and resin finishes with a solution of equal parts of sylol and alcohol.

DEPOSIT REMOVAL— With a Bassine scrub brush attached to the machine, run over the floor until all dirt or wax is loosened and dissolved. If floor has a heavy wax accumulation, add a small solution of household ammonia to the cleaning solution and scrub with a No. 2 steel wool pad, held in place under the scrub brush.

RINSING, DRYING— When floor appears clean, remove solution with an electric pick-up unit, a mop, or a window squeegee. Then rinse thoroughly with clear water and mop up again. Finally, allow floor to dry completely and thoroughly. Make absolutely sure that all moisture has evaporated before proceeding with the waxing treatment.

"DRY CLEANING" WITH STEEL WOOL

The functions of steel wooling waxed surfaces are (1) to produce a tougher film that wears longer, and (2) to surface off any embedded dirt particles. This burnishing process is known as "dry cleaning". Its advantages are that, if properly done, only a thin layer of the wax film is removed (not completely removed as in wet scrubbing) and the reduction in costs and labor.

Either No. 1 or No. 2 steel pads may be used for polishing and cleaning. No. 3 grade is used for partially removing the old film.

SEALING WOOD FLOORS

Sealing open grain or closed grain floors is often accessary. In the case of maple flooring, the penetrating seal can be applied with steel wool. which can also be used after the first coat has dried and before the second coat has been laid down. Steel wooling, aside from its use as an applicator, removes the raised grain of the wood and produces a smooth, uniform surface.

FLOOR WAXING AND POLISHING

TYPES OF WAXES— There are three types of waxes: their use depends on the flooring surface to be polished. Emulsion or self polishing liquid wax: for use on kitchen linoleum floors, asphalt, and rubber tile floors. Paste wax: for refinishing wood floors and where traffic is extremely heavy. Solvent liquid wax: for use on linoleum flooring and rewaxing of wood or composition floors where a certain amount of cleaning action is desirable.

APPLICATION OF WAX— All waxes should be spread over the floor surface in thin, even film layers. In the case of the emulsion liquid wax it should be applied with a lintless cloth or lambs wool pad; the same methods of application can be used with solvent liquid wax. Paste wax should be applied by squeezing a quantity through one or two layers of cheese cloth, or it can be machine-applied by placing the wax on a Tampico brush, reserved for that purpose only.

POLISHING PROCESS—After the wax has thoroughly dried, usually within one-half hour, it should then be polished to a hard, lustrous finish by either using a Union Mix or Tampico polishing brush. If an extra high gloss is desired, repeat polishing process with a felt buffing pad placed under the brush.

FILM DENSITY— Two coats of wax should be used on any flooring which has been resurfaced or scrubbed. Double coats result in sufficient wax film density to insure maximum protection and flexibility of finish and one that will respond to frequent machine polishing or buffing. More frequent a wax film is polished, the longer its life. Friction hardens the film, making it more resistant to traffic conditions.

CONDITIONS THAT PREVENT WAX FROM DRYING

- 1. Floor not completely dry.
- 2. Improper ventilation.
- Dirt films (alkaline, acidic, oil, or resin) not completely removed.
- 4. Too heavy a coat.
- 5. High humidity.
- 6. Sub-normal room temperature.
- 7. Undercoat not dry, or tacky.



A SIZE AND CAPACITY FOR EVERY PURPOSE

79

Red Devil

SANDING NEW FLOORS

It is always advisable, as well as being the general practice, to sand new flooring. No matter what type of wood, soft or hard, is used, there are high spots and ridges that must be smoothed down to a level surface. If sanding is not done, these irregularities will cause finishes to wear unevenly.

Sanding should always be done by cutting diagonally to or lengthwise with the grain of the wood—never directly across the boards or against the grain. Cross grain cutting tends to leave unsightly marks that will show up after the finishes have been applied. The proper methods—with or diagonally to the grain—will also bring out that true beauty of the natural grain of the wood.

The first step in sanding new floors is to cut (sand) the wood with the grain, using a No. 2 or No. 3 closed coat paper. This type of paper is coated with a fine, solid mass of silicon grit. The second cut should then be made diagonally to the grain with a finer closed coat paper, preferably a No. 1 or No. 2. The third and final cut can then be made, with the grain, with a still finer paper, either No. 0 or No. 00. If an extra fine finish (accomplished in the third cut) is not required, the final cut may be made with a No. ½ paper.

	NEW	WORK	
MATERIAL	OPERATION	CONDITIONS	PROPER No.
	Roughing	Ordinary	2 or 3
T7 - 1 W - 1		Uneven	2 or 235
Hard Wood	Finishing	Ordinary	1 or 2
		Extra Fine	
	Roughing	Ordinary	2 %
Soft Wood		Uneven	2
	Finishing	Ordinary	1
		Extra Fine	1/2, 0, or 00

SANDING OLD FLOORS

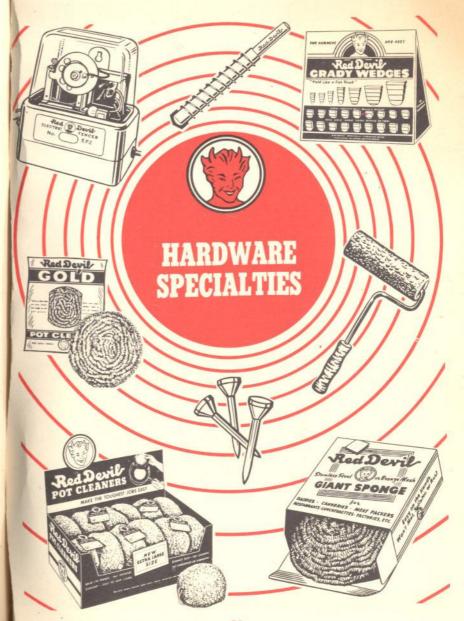
The sanding of old floors which have been treated with shellac. varnish, gum finish or paint represents an entirely different problem than the sanding of new flooring. The extreme heat generated by the cutting action softens the gums in the old finishes. Unless the proper grade of sanding paper—the open coat type—is used, these gums will collect on the paper, making cutting practically impossible. The open coat paper is surfaced with scattered pieces of carborundum grit.

Therefore, according to the type and thickness of the finish to be removed, the first cut should be made with the grain with a No. 3 or No. 4 open coat paper. The heaviest cut should be made while working the sander in a backward direction, making sure to stagger cuts so that no lines be left where overlapping occurs in the center of the room. In this manner of cutting, the paper is cooled by air circulation before it comes directly under the weight of the machine. After the first cut is made with open coat paper and the top surface has been removed, the floor should be given a diagonal cut with a No. 1 or No. 2 closed coat paper. The third and final cut can then be made with the grain by using a fine paper, No. 0 or No. 00. For a normal and final finish, best results can be obtained by using a No. 1/2 closed coat paper.

	OLD 1	WORK		
MATERIAL	OPERATION	CONDITIONS	PROPER NO	
Covered	Roughing	Ordinary	3½ or 4	
with varnish. shellac, paint. etc.	Intermediate	Heavy Varnish	4 or 4 ½	
		Scratched, Uneven 2		
	Finishing	Ordinary	1	
		Extra Fine	12, 0, or 00	



COMPLETE SANDING EQUIPMENT FOR EVERY JOB





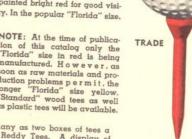
REDDY GOLF TEES

Red Devil

REDDY GOLF TEES

The original and still the largest selling golf tee on the market. The "Tee of Champions" because they're scientifically designed and manufactured to rigid professional standards. High consumer preference for the Reddy Tee on the part of professionals, amateurs and "Sunday golfers" makes them a marvelous traffic item. Made of strong, clear white birch, painted bright red for good visibility on the fairway. In the popular "Florida" size.

NOTE: At the time of publication of this catalog only the "Florida" size in red is being manufactured. However, as soon as raw materials and production problems permit, the longer "Florida" size yellow. "Standard" wood tees as well as plastic tees will be available.



FAST SELLERS: Consistent golfers will use as many as two boxes of tees a month, and the vast majority of them insist on Reddy Tees. A display of Reddy Tees builds profitable traffic in the spring, summer and fall.

RED DEVIL RT1 REDDY GOLF TEES - PACKED 18 IN A BOX: 1 GROSS IN A CARTON: SHIPPING WEIGHT 7 LBS. Golf Tee and Golf Ball

The following REGISTERED TRADEMARKS are accepted in every country in the world as the standard of quality for hand tools, machines, hardware and household specialties;

					specialité	85;	
Ball	Black Diamond	Eclipse	Blue Ribbon	Duo Blo	ide	4 Way	Gold
Hubbard	& McClary	Indian		Handle	Hubba	rd Imco	Grady
"It's All	in the Wheel"	Jak-nife		Kitchen	Devil		Kwikscour
Leader	Master	Pioneer		Мор	024	Red Man	Roon
Ruggard	Singer.	Ste-like		Lad-R-S	ıu	Volcano	Reddy

AXE AND HAMMER WEDGES



Red Devil **GRADY WEDGES**

Scientifically designed for all sizes of Hammers, Hatchets, Single and Double Bitted Axes and other Tool Emdles, etc., requiring sureholding Wedges. Nos. 2.3 and 5 are generally recommended for hammers and mall hatchets. All sizes are for axes, etc., according to size of handle.

AN EXTRA PROFIT FOR EVERY TOOL COUNTER, RED DEVIL manufactures and distributes these Axe Wedges under the original Grady Patent—the only patented Steel Wedges made. All are now plated to resist rust and are eye appealing. Drive one of these wedges and it will STAY wedged. Vibration cannot work it loose because it "barbs" into the wood. Unlike the ordinary cast iron product, Grady Wedges will not chip or break under heaviest hammer blows.

Special ready-to-use displays contain actual wedges that fit into grooves for ready sales and easy replacement.



Illustrated to left is Combination Display card that includes 36 No. 5's and 24 No. 10's. Available also are display cords containing No. 5's only and No. 10's only.

This Display Card Sells Them The best wedges ever made. A profitable item, compactly displayed on an attractive counter card. Sure Sellers all over



No. 2

3 Dozen in Box

Weight, Gross

13 oz.

MARK

Reddy

PACKED ON DISPLAY CARDS AS FOLLOWS: 23 LBS.

the world.

No. 5 Card -36 NO. 5's ON CARD. 24 CARDS IN CASE. WEIGHT

No. 10 Card -24 NO 10's ON CARD. 24 CARDS IN CASE. WEIGHT 26 LBS.

Combination Card -36 NO. 5's AND 24 NO. 10's ON CARD. 18 CARDS IN CASE. WEIGHT 30 LBS.



No. 3 3 Dozen in Box Weight, Gross 18 oz.



No. 4 3 Dozen in Box Weight Gross 1 lb., 6 oz.



3 Dozen in Box Weight, Gross 2 lbs., 10 oz.



No. 10 2 Dozen in Box Weight, Gross 4 lbs., 13 oz.



No. 15 1 Dozen in Box Weight, Gross 7 lbs., 2 oz.



No. 18 6 only in Box Weight, Each, 1 1/2 oz.

Scientifically Designed for all sizes of Hammers, Hatchets, Single and Double Bitted Axes and Other Tools Requiring Surehold Wedges. Used extensively to tighten the rungs on wooden ladders.

Red Devil

EFI STANDARD MODEL ELECTRIC FENCER

Complete instructions for installation, including diagrams, and proper care for No. EF1 Electric Fencer and No. EF2 (illustrated on opposite page) are included with each model.

Approved by Wisconsin Industrial Commission. leading Agricultural Colleges and other recognized organizations.



No. EF-1 BATTERY OPERATED

RED DEVIL No. FF.1 Complete (without battery) with ground and battery clamps, fence connectors, screws, template, switch, bracket for hanging, ground and battery wiring, instruction sheet and diagrams. I in a carton.

Weight 6 lbs.

THE SENSATION OF THE "STANDARD" FENCER MARKET

Red Devil. Model EF-1 Electric Fencer will charge up to 15 miles of single wire fencing, and operates from any 6 Volt Hot Shot or storage battery. Generates high voltage but low amperage, thus cannot harm animals or humans. Its safe "on-off" shocking action, timed like a pulse beat, is more effective and more than doubles the life of the battery. The newly developed wheel-type contact uses current only instantaneously -centrifugal force does the rest. This wheel-type contact, the only moving part, employs stainless steel rod and bearings for long life. Nothing to oil or grease, nothing to get out of order. Not affected by power line failure. No radio interference. Protected by a heavy glass dome, against ice, hail, snow or rain. May be hung in the barn or on a fence post or tree.



Both RED DEVIL Nos. EF-1 and EF-2 Electric Fencers are recommended for private, public, and industrial property protection, as well as for general use in form fencing to confine or prevent entrance of live stock, and as superior means of posture



Red Devil

THE NEW No. EF2 BATTERY OR HIGHLINE ELECTRIC FENCER

Approved by Wisconsin Industrial nission. Leading Agricultural Colleges and other recognized or-



Single throw switch under unit changes operation from high line to battery at the flick of a finger in case of power failure.



No. EF-2 Battery or High Line Operated

RED DEVIL NO. EF 2 COM-PLETE (WITHOUT BATTERY) INCLUDING OPERATING SWITCH, BRACKET HANDLE FOR HANGING, GROUND AND FENCE WIRE AND CLAMPS, CONNECTORS. SCREWS, TEMPLATE, IN-STRUCTION SHEET AND DIAGRAMS, 1 IN A CARTON, WEIGHT 814 LBS.

Now: a Famous Red Devil Fencer that operates with equal efficiency from high line or battery. The battery is used only in the event of power failure or when the unit is transferred to remote locations, Red Devil No. EF 2 operates from any 6 volt hot shot or storage battery or from 110-115 volt high line. The exclusive intermittent shock—with safety—that has made Red Bevil Fencers the most popular in the field, is a feature of the w EF 2 high line or battery model. Another highly regarded safety feature is the replaceable fuse that protects the user in the high line is mistakenly connected to the battery posts. The INTERMITTENT SHOCK is timed like a pulse beat. The tolinge is high, yet the amperage is low and the short, stinging

shock, although many times more effective, can do no mental or physical harm. This on-off, on-off action is controlled by a new wheel" type contact (the only moving part).

Current is only used instantaneously—centrifugal force does most of the work, making RED DEVIL FENCERS the least expensive

Strong glass top is sealed to prevent tampering and bar elements. Rain, sleet, hail, snow or fog cannot interfere with its perfect operation. No radio interference. Nothing to oil or grease. The wheel type contact is equipped with precision stainless steel ball bearings, non corrosive, and with highest antifriction qualities. Fully approved and guaranteed.

Only RED DEVIL Gives You These 11 PLUS FEATURES

- *I. New improved "Wheel-type" contact uses current only instantaneously.
- *2. Built-in lightning arrestor. 3. Ned Selenium type rectifier. requires no maintenance; as-
- sures long life. *4. Oversize tungsten contact
- 5. Double throw switch for instantaneous change from battery to high line.

ROSE TOOLS, INC.

- 6. E type A C transformer with vacuum impregnated colls for added salety.
- *7. Moving parts mounted on stainless steel ball bearings.
- 8. Salety light that glows in
- Controls amount of current sent thru lence. Sturdy fence clamp, handle and quard, integral with
- case, for easy, secure suspension on post screws. 10. Double condensers - one across contact points to prolong their life, the other controls high line current to Innea.
- case of failure or shorting. 11. Fuse block protects during high line operation. Hinged cover for ease in changing fores.

(*These features are also embodied in RED DEVIL No. EF 1 Standard Model — See opposite page)



MASONRY DRILLS

Red Devil NO. 180 MASONRY DRILL DISPLAY



As an effective "point of sale" aid, the 180 Red Devil Masonry Drill Display is attention-getting, yet compact, and displays 6 Red Devil Masonry Drills (the same assortment as in Kit No. MK-1 illustrated below). A listing of the wide range of materials on which these drills can be used is given on the display.

RED DEVIL NO. 180 - WITH M316, M416S. M516S, M616S, M816S, M1016S DRILLS MOUNTED ON BOARD WITH ELASTIC LOOPS, PACKED ONE IN CARTON, WEIGHT 112 LBS.

HANDY MASONRY DRILL KITS

At no extra charge, Red Devil turnishes three handy kits, containing drills of the most popular sizes. These kits are made of sturdy, red plastic or are sometimes supplied in canvas-ideal for tool box use. Operating instructions come with each kit. See chart to right for diameters of drill numbers.

> KIT NO. MK-1 - six low-cost drills for shallow hole drilling. Drill Nos. M316, M416S. M516S, M616S, M816S, M1016S. Shipping Weight:

> KIT NO. MK-3 - six drills in large size range for universal drilling. shallow or deep hole, Drills: Nos. M4165, M516, M6165, M8165, M1016S, M1216S, Shipping Weight: 1 lb.

> KIT NO. MK-4 - Three drills: Nos. M4155, M616S, M816S, Shipping Weight: 5 ozs.



MASONRY DRILLS



Red Devil MASONRY DRILLS



TIPPED WITH TUNGSTEN CARBIDE

You get more holes per grind, more holes per drill. and do the job in 75% less time. Drill faster, smoother. more accurate holes with Red Devil Masonry Drills because the cutting edge is tipped with Tungsten Carbide-the hardest metal made by man. These drills stay sharp up to 50 times longer than ordinary types. No danger of costly breakage on tragile materials if handled correctly. Available singly or in kits. See complete specification chart below. They fit any portable rotary drills, drill press, or ordinary hand braces. SPRING SPIRAL DESIGN: New spiral wire actually cleans dust from hole. Drill goes right in, up to the

NEW PACKING: To create interest and stimulate increased sales. Red Devil Masonry Drills are now packed in transparent plastic tubes. Combinations are packed in kits, as illustrated on accompanying page, at no extra cost,

1000

	U	NIVERSALLY				JOBS - Building	Telephone
Electrical Installations	Plumbing Work	Installations on Concrete Floors	Anchoring Partitions	Pavement Tests	Slate Work	Building Maintenance	Installations

SPECIFICATIONS

Order N	lumber	Nomi-	Stan	dard Carton Shank				Overall	Min. II Actual	
SPIRAL	FLUTED	nal Diam- eter	Pack	Shipping Weight	Dia.	Lgth.	Drill Length	Drill Dia.		
M316*	_	3/16	12	10 oz.	5/32	-	3	.198		
M416S	-	1/4	12	14 oz.	3/16	-	4	.260		
M516S		5/16	12	1 lb. 4 oz.	1/4	-	4	.328		
M616S	-	3/8	12	1 lb. 6 oz.	5/16	_	4	.390		
M716S		7/16	6	2 lb. 9 oz.	3/8	-	6	.458		
M816S	_	1/2	6	1 lb. 12 oz.	7/16	-	6	.525		
		9/16	6	2 lb. 2 oz.	7/16	-	6	.587		
M916S	-	5/8	3	2 lb. 5 oz.	1/2	_	6	.650		
M1016S	-		3	2 lb. 10 oz.	1/2	1-5/8	6	.775		
M1216S	_	3/4	3	Z ID. 10 02.		Programme and the second	0.77			
	M1416F	7/8	3	3 lb. 9 oz.	1/2	1-5/8	6	.905		
	M1-F	1	3	4 lb. 2 oz.	1/2	1-5/8	6	1.030		
_	M11/2-F	11/2	1	3 lb. 11 oz.	1/2	1-5/8	10	1.535		

Round Drill

INSTRUCTIONS FOR CARE, MAINTENANCE, AND SHARPENING WITH EACH PACKAGED DRILL

Plumbers and Electricions Heating Men

Sign Hangers

USE RED DEVIL DRILLS ... and many others FOR DRILLING ANY MASONRY

Concrete Brick

Wallboard Tile Carbon Morrble

Limestone Asphalt Asbestos



ROLLER PAINTERS AND ACCESSORIES

Red Devil

No. 89 Roller Painter



A new, fine quality painter's roller with that "buy on sight" appearance. The Deluxe oversize roller-carpet permits use with oil print as well as modern cold water casein and phenolic resin paints. Perfectly balanced, the Red Devil No. 83 Roller Painter breezes through the toughest paint job. Smooth coverage is assured with the invisible se a m construction of the pure wool carpet.

RED DEVIL No. 89-WITH OVERSIZE WOOL CARPET COVER.
1 IN A BOX: SHIPPING WEIGHT 11 LBS. PER DOZ.

No. RST2 Paint Tray



Red Devil's sensational Paint Tray for roller painters or roller stipplers makes painting even simpler than before. Sturdily constructed, it has inclined basin for holding paint at lower end. Corrugated surface for spreading paint evenly on roller. No muss, no excess paint, no running or dripping. Full instructions for use included with each tray.

RED DEVIL No. RST2-12 TO A CARTON, WEIGHT 17 LBS.

Red Devil

No. RS10-W Roller Painter

with WOOL COVER



The No. RS10-W is an easy-tohandle and highly efficient roller painter. Oil paint as well as cold water casein and phenolic resin paints can be applied on walls or ceilings uniformly without unsightly edge marks showing. Roller painting with Red Devil's "cushioned" wool cover eliminates pounding—plaster remains firm, cracks stay sealed.

RED DEVIL No. RS10-W—LENGTH OVERALL 13", ROLLER 61/2", PACKED 12 PER CARTON, WEIGHT PER DOZEN 14 LBS.

No. 28W Lambs Wool Covers

This cover, which is the same size as the wool cover on the No. RS10-W Roller Painter above, also fits Roller Stipplers, Nos. RS1 and RS2, illustrated on opposite page.

Many painters carry extra covers for each color of paint. By merely changing covers, paint colors can be easily applied right on the job without delays. fuss. or muss.

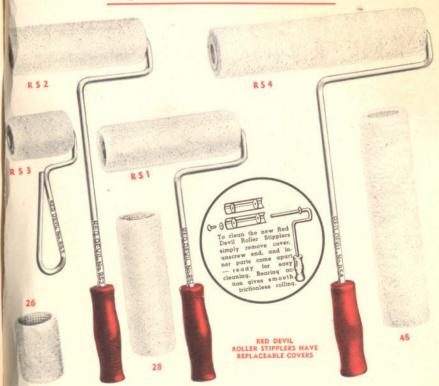
RED DEVIL No. 28W. PACKED 36 IN A BOX, SHIPPING WEIGHT 6 LBS. PER BOX.

ROLLER STIPPLERS



Red Devil

ROLLER STIPPLERS



With RED DEVIL Roller Stipplers, the tedious efforts and long drawn out operations spent with brush-stippling are eliminated. More beautifully gointed walls and ceilings are assured because the stippling is always perfectly uniform. Work equally well with flat or gloss. No brush marks show—no laps, joints, or holidays, no flat blotched ceilings. As there is no pounding, plaster is not loosened and cracks are not opened. Colors can easily be changed on the job without any fuss or bother by simply replacing cover. Many painters carry extra stipplers for each color of finish to be used on a job.

RED DEVIL No. R \$ 1—"Standard" Heller Stippler with Cover, Length overall 13". Roller 6½". 1 to a box, 12 per carton, wt. per dor. 15 lbs. Extra covers: No. 28, 5 dos. to a box. wt. 8½ lbs.

RED DEVIL No. R S 2—"Deluxe" Roller Stippler with satra long handle and cover. Length overall 17", Roller 6½", 1 to a box. 12 per carton, wt. per dor. 16 lbs. Extra covers: Me. 28, 5 dos. to a box. wt. 3½ lbs.

RED DEVIL No. R S 3—"Household" Roller Stippler with cover. Also recommended for stencilling. Length overall 8", Roller 3", 1 to α box, wt. per dox. 6 lbs. Extra covers: No. 26, 13 dox, to α box, wt. 13 lbs.

RED DEVIL No. R S 4—"Master" Roller Stippler with extra long handle and cover. Length overall 17". Roller 944". 1 to a box. 12 to a carton, wt. per doz. 20 lbs. Extra covers: No. 48, 5 doz. to a box. wt. 15 lbs.



AUTOMOTIVE SPECIALTIES

Red Devil

NO. A L-1 ARMATURE LATHE

PERFECT GARAGES SERVICE STATIONS MOTOR REPAIR SHOPS



UNDERCUTS AND OVERCUTS - ACCURATELY

HANDLES ARMATURES TO 6" DIAMETER WITH COMMUTATORS TO 3 1/4" DIAMETER

Red Devil's new AL-1 ARMATURE LATHE is typical of the precision manufacture that has made Red Devil famous in the tool and machinery field. Small, complete, easy to use, the Red Devil Armature Lathe comes boited to 18" x 20" wood skid and can be moved from bench to bench wherever A-C Current is available. Equipped with all accessories for turning, undercutting, overcutting and resurfacing small armatures for any type of motor. Smooth hand feed assures accurate undercutting and overcutting. Fine depth adjustment gives absolutely uniform cut. Garages, service stations and motor repair shops will use it as a separate lathe as well as an undercutter for slotting the mica. So easy to use, any mechanic can operate it. So fast it will save dollars in mechanic time.

FAST LOADING AND UNLOADING

Quick acting tail stock handle moves in or out smoothly for fast, accurate set ups. No fussing with wrenches or difficult adjustments.

TURNS TRUE - WITHOUT VIBRATION
Heavy duty construction assures smooth, vibrationless cutting. Correct belt tension and pulley alignment are constantly maintained by the spring loaded motorclamp. Thrust plugs prevent end play.

AUTOMATIC CLEAN OUT

A unique feature of the Red Devil Armature Lathe is the reversible drive that allows the operator to clean out the work swiftly and easily,

HOLDS CENTERED OR UNCENTERED

ARMATURES - geared or splined shafts may be held between centers (male or female). Smooth shafts are best held in the specially designed 3-jaw bronze chucks, 45° angular adjustment of the tool bit permits working close to chuck and commutator risers or all the way to the end of the commutator.

SPECIFICATIONS

Includes one small and one large female center, two male centers, one standard thrust plug, one extension thrust plug, 3 socket head set screw wrenches, one round undercutter drive belt, one 1 $1/8^{\circ}$ x 21° and one 1 $1/8^{\circ}$ x 25° flat armature drive belt, one heat treated and ground tool bit, one 5/16" diam. x 1/8" hole x .018" thick highspeed mica undercutting saw. Additional accessories are available from stock on hand.

Minimum of 3" to a maximum of 13" distance between headstock and tailstock, Lathe will take up to 6" diameter rotor, and 2 1/2" diameter commutator. The 3 jaw chucks hold centers in place and will handle shafts up to 1 1/16" diameter. Also equipped to handle shafts as small as 13/64" diameter, Motor, 1/4 H. P., 110 volt-60 cycle. Size - 24" length, 19" depth, 11" high. Shipping weight (Domestic), 78 lbs.

AUTOMOTIVE SPECIALTIES



Red Devil **AUTO LICENSE FASTENERS**





MED DEVIL TOOLS . IRVINGTON II, NEW JERSEY, U.S. A.

RD1

PD3

off-locking Wing Nots - Wan't shake loose

Chromium Flated Finish + Will not rust tight told with screwdriver . Tighten with finger RED DEVIL TOOLS .. IRVINGTON 11, NEW JERSEY, U.S.A.

RED DEVIL Automobile License Fasteners are sold as a unit, mounted four to a card. These fasteners are made in two styles and will never shake loose due to RED DEVIL'S exclusive lock nut with special flanges that grip the thread.

The RD-1 and RD-2 fasteners use an acorn type lock nut. The RD-3 and RD-4 fasteners use a self-locking wing nut. These fasteners come in two finishes: heavy chrome plate and cadmium. (Note: Finish may vary due to material shortages.) They are easy to apply and will not rust. making them easy to remove when changing plates. They eliminate all common annoyances so frequent in ordinary nut and bolt fasteners.

RED DEVIL No. RD-1 (chrome plate), 4 to a card, 4 doz, cards to box. 15 boxes to carton, weight 40 lbs.

RED DEVIL No. RD-2 (cadmium), 4 to a card, 4 doz. cards to box. 15 hoxes to carton, weight 40 lbs.

RED DEVIL No. RD-3 (chrome plate), 4 to a card. 4 doz, cards to box, 15 boxes to carton, weight 40 lbs.

RED DEVIL No. RD-4 (cadmium), 4 to a card, 4 dox, cards to box. 15 boxes to carton, weight 40 lbs.

LUCITE SCRAPER



Haned to a sharp edge, the No. LS1 Scraper WILL NOT MAR OR SCRATCH glass or the finest wood. The perfect tool for scraping wlad shields, removing paint or varnish, cleaning all window stickers, etc. Blade will not break. Easily resharpened with finger-

RED DEVIL No. LS1 SCRAPER - packed 1 to a card. 3 doz. in carton: weight per gross, 18 lbs.

AIR FILTER REFILLS





Metal Mesh Ring Type Fit Most Cars Using A-C Air Filters

Write for Complete List of Models Covered

With the RED DEVIL Air Filter Refills only the metal mesh refill is changed-periorated metal ring holders are used indefinitely. Not impregnated with oil. Impregnation is done at time of installation. Easier to store (1 dozen flat packed RED DEVIL refills take up 1/6 the space of old type). Made of finest metal mesh in sizes

RED DEVIL AF-1 packed 12 in a box. 3 boxes to a carton. weight 22 lbs. gross.

RED DEVIL AF-2 packed 12 in a box, 3 boxes to a carton, weight 21 lbs. gross.

RED DEVIL AF-3 packed 12 in a box, 3 boxes to a carton. weight 27 lbs. gross.

91

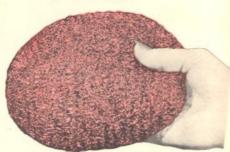


Red Devil "BALL" POT CLEANERS

A BIG BALL VALUE AT A SMALL, THRIFTY PRICE

Here's a truly handy and popular, big ball pot cleaner. It's actually knit like a women's stocking to give greater interior and exterior scouring surface. Made of copper wire mesh, it leaves hands so soft and gentle—a women's "must" for kitchen duty. Durable, tough, and a saver on soap.

This flexible, ball-type pot cleaner stays resilient and does not mat with unsanitary deposits. It won't throw off those annoying drain-clogging particles, or metal shreds that injure the hands and nailsso common in the ordinary type of pot cleaner.

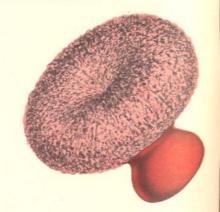


There's not an equal on the market to this all-purpose cleaner for every kitchen-cleaning job. Quickly cleans off grease and burned food, and puts a mirror-shine on pots and pans, Excellent, too, for cleaning crusted food from glass or metal overware, in scouring sinks, roasting and drip pans, grilles, and tile.

RED DEVIL "BALL" POT CLEANERS, PACKED 2 DOZEN IN DISPLAY, 23/2 GROSS IN CARTON, WT. 33 LBS.

KNOB POT CLEANERS

Made of the same tough copper wire mesh as the "Ball" Pot-Cleaner, the Red Devil Knob Pot Cleaner is intended for the fastidious and for the many women who prefer the added grip gained from the shaped wooden handle. The Knob Pot Cleaner is also more convenient for the occasional user who wears rubber gloves while doing dish washing. Put up in attractive display carton shown on following page.



4 DOZ, IN DISPLAY, 2 GROSS TO CASE. WEIGHT 29 LBS.

POT CLEANERS

"SOFT AS A DISH CLOTH ON THE HANDS".

Red Devil "GOLD" POT CLEANERS



Made of dust-proof, bronze alloy scouring ribbon, the "Gold" Pot Cleaner, the aristocrat of dirt-chasing cleaners, is most effective for scouring in corners and hard-to-reach crevices. It's a real soap miser, too. And what's more, those fastidious dishwashers don't have to worry about metal shreds or annoying splinters.

Its construction is such that it won't mat or jell into a greasy ball, nor lose its abrasive qualities. The open-net mesh-work permits the free flow of liquids at all times. Users praise this

sanitary feature. Its texture is so soft that it can be safely used on all enamelware.



RED DEVIL "GOLD" POT CLEANERS, PACKED 2 DOZEN IN DISPLAY. 21/2 GROSS IN CARTON, WT. 33 LBS.

3 IN 1 "GOLD" POT CLEANER PACKAGE

"SOFT AS A DISH CLOTH ON THE HANDS"

The clean fresh appearance of the colorful windowed boxes invites spontaneous pick-up sales from selfervice display counters. Designed to produce mulple sales and give customers a saving.





This package of three Red Devil Gold Pot Cleaners is earning display counter and cash register locations and appealing to the thrifty housewife who wants to keep "stocked up" and who likes colorful kitchen accessories.

> 1/2 DOZ. BOXES IN WRAP, 1 GROSS TO CASE. WEIGHT 27 LBS.



POT CLEANERS

Red Devil

GIANT SPONGES

AN INDUSTRIOUS CLEANER FOR INDUSTRIAL USE

They've been especially designed and made for industrial users, such as dairies, canneries, meat packers, factories, restaurants, luncheonettes, and the like — where man-size cleaning jobs have to be done by giant-size sponges.



Actual size: approximately 41/2" diameter by 2" thick

Yes, regardless of cost this Giant Sponge is the best on the market today. Made of stainless steel or rust-proof bronze, this heavy duty sponge is of tight rugged construction to withstand the toughest wear.



Red Devil Giant Sponges are packed in individual twocolor cardboard boxes. Easy to store, quick to grab.

Giants in every sense of the word — big, tough, and durable — these Giant Sponges are fast becoming the number one "must" for general industrial use, as a cleaner, scourer, and polisher. They can "take it" as well as "give it" — no matter what beating they receive or job they must perform.

RED DEVIL GIANT SPONGE, PACKED INDIVIDUALLY, 1 DOZ. BOXES TO CARTON, 12 CARTONS TO CASE: CASE WGT.: 39 LBS.

POINT-OF-SALE DISPLAYS PRODUCE SALES



On the counter, in the window, these handsome, two-color displays are forceful "sales suggesters." Many a customer, who comes in for entirely unrelated items, will get that urge to buy either of these two Red Devil pot cleaners.



Contains 24 pot cleamers, each labeled with Red Devil's world-renowned trademark. These large, hand-size barqains are a sure customer "stopper". Each display carion packed with 24 individually-

SALES AIDS



Red Devil DEALER MERCHANDISING AIDS

To help the hardware or paint dealer sell RED DEVIL Tools there is a constant sales promotion campaign, utilizing a variety of resources, old and new, to build sales to working craftsmen, industrial users, home workshop enthusiasts, home owners, vocational and arts and crafts teachers and all of the other groups that have grown to regard RED DEVIL as "the world's standard".

On major RED DEVIL products you can order the following sales promotional material direct or through your jobber at no charge:—



ENVELOPE STUFFERS!

Plain or with your name imprinted on them.



For use in local newspaper advertising or in newsprint





PHOTOGRAPHS REPRO-PROOF, OR ELECTROS:

for use in your own catalogs or mailing pieces, press releases, etc.

WINDOW DECALS:

Illustrated on the Merchandising Pages in each section of this catalog.





CONSUMER ADVERTISING:

Appearing in national media and "Home workshop" magazines.
Reprints of adv and sagel displays of ads on some
products are available.

"HOW TO DO IT REPRINTS"

on glass cutting are now available and other simple write-ups on use of RED DEVIL Tools are in cause of preparation.





















Red Devil

Ever alert to the increasing importance and sales effectiveness of "point of sale" displays, packs its major products in colorful display cartons and also has a complete line of panel type and easel type displays. The steady increase in RED DEVIL'S sales sustains our long established display policy "What The Customer Sees, The Customer Buys."







