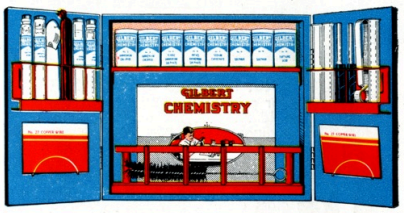
NEW GILBERT CHEMISTRY SETS

Newly designed in Gilbert's chemical laboratory in collaboration with one of America's outstanding chemical research laboratories under the direction of Treat B. Johnson, Yale University, Ph.B., Ph.D., a recognized authority on chemistry.

With the new Gilbert Chemistry Sets you can accomplish new chemical experiments never before offered in toy sets. UP TO DATE! New chemicals, new equipment, new apparatus such as beakers, thermometer, flasks, scales (in some sets).



No. 1 CHEMISTRY. Dandy Beginner's Set
23 pieces of Chemicals and apparatus including wood test tube rack. Large manual of instructions shows how to do 151 experiments. Packed in 4 color labeled carton size 13½" x 9⅝" x 1⅜". 1½ lbs. 12 to carton, 20 lbs.



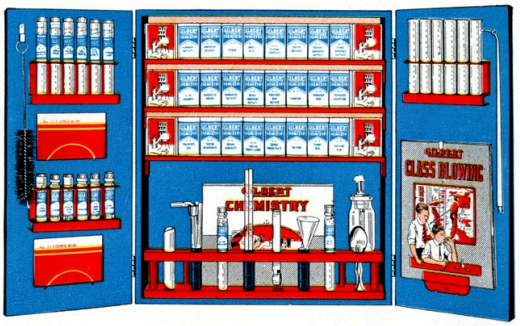
No. 2 JUNIOR CHEMISTRY LABORATORY
A laboratory set for the beginner. Make fire ink, dye cotton cloth, fire-proofing experiments, explains why silver tarnishes, etc. 25 pieces of chemicals and apparatus, 18" of metal shelf room and wooden test tube rack. 151 experiments all explained in big instruction book. Packed in blue wooden laboratory cabinet, size open, 19¾" x 8⅞" x 2½". 12 to carton, weight 26 lbs.



SELECTIVE EQUIPMENT FOR BOY CHEMISTS
Nationally Advertised Yearly Prize Awards



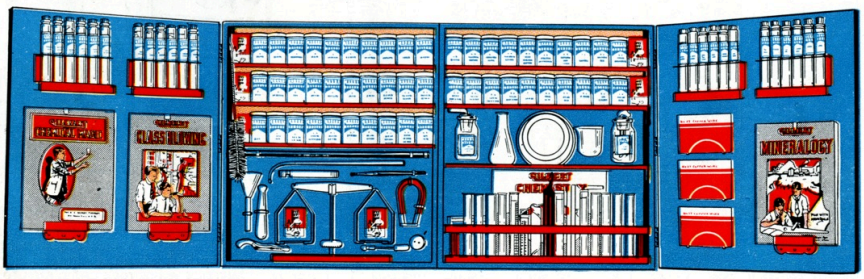
No. 3 INTERMEDIATE CHEMISTRY LABORATORY
With this great outfit for the amateur chemist you can clean silverware electrically, make ammonia, bleach and dye all sorts of things, etc. These are only a few of the 345 experiments that you can do with the 49 pieces of chemicals and apparatus all described in big manual. Has three feet of metal shelf room and test-tube racks. Packed in two-door blue wooden laboratory cabinet. Size 19¾" x 14⅝" x 2¾". 4¼ lbs. 6 to carton, 27 lbs.



No. 6 SENIOR CHEMISTRY LABORATORY
Imagine making colored fire! Testing foods for their elements! Making real cement! Making sparklers, soda water! Tanning leather!! All are easily done with this combination Chemistry and Glass Blowing Outfit. 63 pieces of Chemicals and Apparatus including chemistry manual and glass blowing manual. Packed in two-door blue wooden laboratory cabinet with five feet of metal shelf room and test-tube racks. More than 400 exciting chemical feats. 26" x 14½" x 2½". 5½ lbs. 6 to carton, 35 lbs.



***left*—No. 10 Inventor's Chemistry Laboratory**
Rows and rows of chemicals at your finger tips. With this laboratory you can delve into the wizardry of chemical magic. 100 pieces of chemicals and apparatus including scales and three big books describing over 600 experiments in Chemistry, glass blowing and chemical magic. Packed in large blue wooden laboratory box. 7½ ft. test tube racks and shelf room. Size overall 39" x 14½" x 2⅝". Weight each 10 lbs., 3 to carton, carton weight 32 lbs.

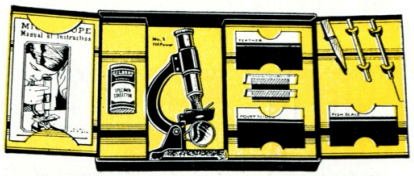


No. 15 MASTER SCIENTIST'S CHEMISTRY LABORATORY

This unrivaled Chemistry Laboratory is the finest set for the student or young scientist. Includes chemicals, apparatus and equipment with four big manuals giving experiments in Chemistry, Glass Blowing, Mineralogy and Chemical Magic. Also scales, beaker, flask, alcohol lamp, gas generator, thermometer. Contains over nine feet of shelf room and test tube racks. Performs over 800 experiments. Many of these experiments never before offered in experimental chemistry, dry-ice experiments, artificial refrigeration, ethyl gas, lacquers, paints and water colors, testing of foods, electro-chemistry, electro-plating, electrotyping, etching, electrolysis, etc. Packed in blue wooden laboratory cabinet. Size 51½" x 14½" x 2⅝" overall. Individually packed, 15 lbs.

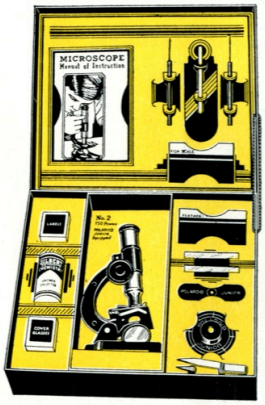
GILBERT MICROSCOPE SETS

Every Set with a Polarizing Scope except No. 1



No. 1 MICROSCOPE SET

Contains 150 power Microscope with arrangement for tilting, spring clips to hold slides, adjustable mirror, slides, specimens, dissecting needle, forceps, specimen collector, slide covers and manual. Size 6¾" x 9½" (open 16¾") x 2¼". 12 to carton, 15 lbs.



No. 2 MICROSCOPE SET

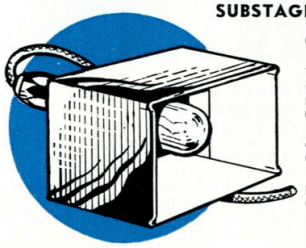
Contains Polaroid Jr. and 150 power Microscope with tilting device, wheel focusing, spring clips on both sides of stage to hold slide and polarizer. Adjustable mirror, glass slides, specimens, cover glasses, dissecting needles and manual. Packed in cardboard cabinet. Size 10" x 8¾" x 2¼". 12 to carton, 22 lbs.



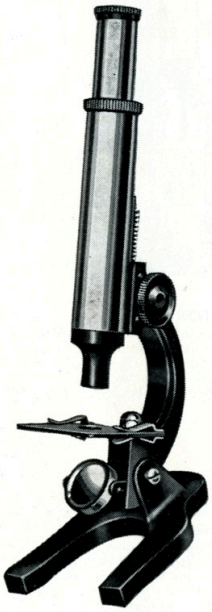
No. 3 MICROSCOPE SET

Popular priced Microscope outfit featuring Polaroid Jr. analyzer and polarizer. Ideal for beginner. Microscope is 200 power with rack and pinion focusing, adjustable mirror and spring clips on both sides of stage. Set includes manual, a prepared slide and extra slides, cover glasses, labels, hand magnifying glass dissecting needles, chemicals and stains, liberal supply of specimens, and a specimen box. Packed in cardboard cabinet. Size 13⅜" x 9⅝" x 2¼". 6 to carton, 15 lbs.

SUBSTAGE LIGHT



Correct lighting is a great aid to the thorough enjoyment of a microscope. The Gilbert substage light is simple and easy to use. Chrome plated. It comes complete with bulb and a good length of cord ready to plug into any 110-volt socket. Packed 6 to carton.



At left

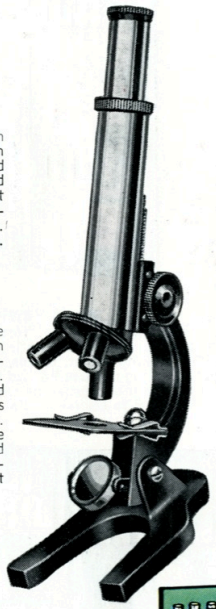
No. S5 MICROSCOPE

Has cast frame and base, with tilting device; rack and pinion focusing. Both objective and eyepiece are mounted and fitted to chromium plated tube. Finest ground and polished lenses giving up to 110-150 diameters. Microscope stands 11½" high.

At right

No. S10 MICROSCOPE

Professional type Microscope with 3 objectives mounted in turrets that rotate and are protected by heavy dust proof cap. Finest ground and polished lenses giving magnifications ranging from 95-400 diameters. Microscope has tilting device and finely adjusted rack and pinion focusing with two focusing knobs to facilitate exact work.





No. 5 MICROSCOPE SET

Equipped with Polaroid Jr. Scope has high resolving power magnifying 50, 90 and 210 diameters. Rack and pinion focusing. 38 pieces of apparatus, chemicals and equipment including slides, specimens, stains, dissecting kit, large dissecting piece with magnifying lens and an illustrated manual showing how to do 213 experiments. In cardboard box size 18" x 10" x 2½". 6 to carton, 28 lbs.



No. 10 MICROSCOPE SET

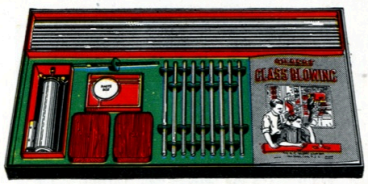
DeLuxe outfit in wooden cabinet featuring Polaroid Jr. analyzer and polarizer. Contains professional type Microscope equipped with three different objective lenses mounted in turret giving from 95 to 400 power with tube extended, also intermediate range. Has a substage light, bench microtome, alcohol lamp, adequate supply of specimens and all the equipment included in set No. 7. Really a complete set for advanced work. Size opened 14½" x 26" x 3⅞". 3 to carton, 25 lbs.



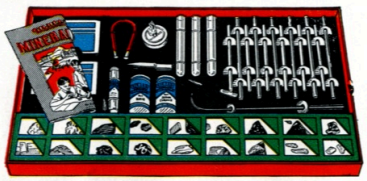
No. 7 MICROSCOPE SET

A handsome presentation outfit in professional type wooden cabinet. 110-150 power Microscope showing wide field in clear detail. Splendid optical system. Features Polaroid Jr. analyzer and polarizer. Microscope has rack and pinion focusing with two wheels, tilting arrangement and draw tube. 11½" extended. Black finish with chromium trim. Set includes unusually complete illustrated manual of things to do, 4 piece magnifying unit, 2 dissecting needles, 9 vials of chemicals and stains, prepared slide and extra glass slides, specimen jar, specimens, labels and cover glasses. Packed in wooden cabinet. Size opened 14½" x 20" x 3⅞". 6 to carton, 35 lbs.

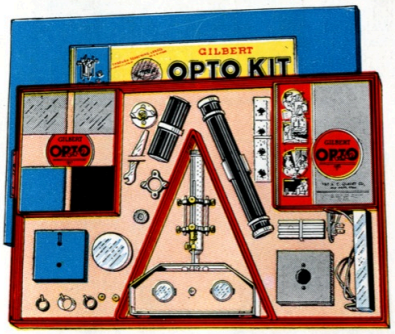
GILBERT SCIENTIFIC TOYS



***left*—**
No. 2 GLASS BLOWING
31 pieces of glass tubes, equipment and apparatus including a constant self-generating alcohol blow torch and 64-page manual showing how to do 80 experiments in glass blowing including how to build a submarine, syphons, levels, air gun, magical experiments, etc. 18" x 10" x 1⅜". 2 lbs. 6 to carton, 14 lbs.



***right*—No. 2 MINERALOGY**
45 pieces of minerals, equipment and apparatus including blow pipe, assortment of minerals with manual of instructions showing how to analyze, test and identify various minerals. 18" x 10" x 1⅜". 1¾ lbs. 6 to carton, 12 lbs.



***left*—No. 6 OPTO KIT**
Complete apparatus and all necessary parts to build genuine serviceable instruments for numerous fascinating and scientific experiments. Over 50 instruments and experiments can be made from this set, including various types of magnifying glasses, microscopes (compound and simple) of various powers, Kaleidoscope, Telescopes, Periscopes, Signaling Device, Camera models, Magic Lantern, Shadow Projectors, Flashlight and a series of fascinating and interesting experiments with light. Attractively packed in a colored cardboard box, size 20½" x 13¼" x 2¾". Weight 5 lbs. 3 to carton, 17 lbs.



***above*—No. 3 CABINET**
16 pieces in green metal carrying case with brass handle and suit case catches. Attractive label on cover. Size 17¼" x 9¼" x 3". Weight each 8½ lbs. 6 to carton, 55 lbs.



***above*—No. 5 CABINET**
16 pieces of better-grade tools for the young carpenter. 16" crosscut saw, 7" Die Cast Plane, Brace with 2-Jaw Screw Chuck. Assembled in blue metal carrying case with brass handle. Size 18¼" x 10¼" x 3". Weight each 9 lbs. 6 to carton, 60 lbs.

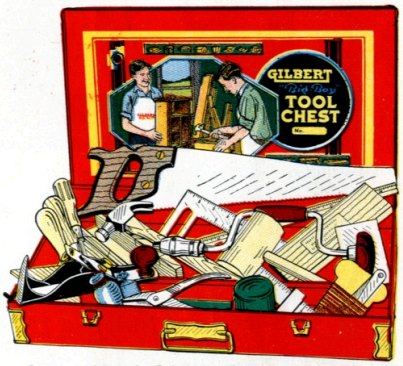
GILBERT TOOLS AND MACHINE TOOLS



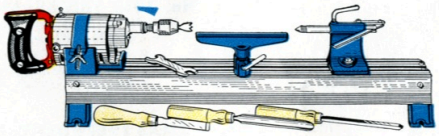
***above*—No. 1 CABINET**
The Jim Dandy. Contains 10 pieces for the young carpenter. Packed in blue metal carrying case, with brass handle and suit case catches. Size 14¼" x 8¼" x 2⅜". Weight each 4 lbs. 12 to carton, 49 lbs.



***above*—No. 2 CABINET**
Packed in red metal carrying case with brass handle. Attractive 4-color label on inside and outside cover. Contains 18 useful tools. Size 16¼" x 8¼" x 2⅜". Weight 5¼ lbs. 6 to carton, 34 lbs.

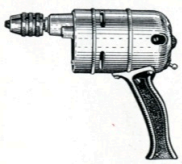


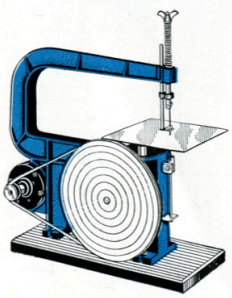
***above*—No. 6 CABINET**
Handy Set. 22 pieces of real practical tools—16" Saw, large brace, 2-Jaw Screw Chuck, Hammer, 9" Plane, Level, etc. Red metal carrying case, brass handle, reinforced corners, suit case catches. Attractive label on cover. Size 20¼" x 12¼" x 3". Weight 15 lbs. 3 to carton, 49 lbs.



No. A810H COMBINATION ELECTRIC LATHE & DRILL
Practical Lathe for home or hobby use. Motor with handle can be removed and used as a complete drill unit. Powered by powerful universal motor operating on 110-Volts A.C. or D.C. Toggle switch. Gear Reduction. Drive spindle threaded to accommodate face plate. Spindle fitted with ball thrust bearing. Size 24" heavy gauge steel bed with embossed ways to insure accuracy, 5" swing complete with tool rest, tailstock, wrench, chuck and spur center, cutting tool, gouging tool, chisel. Finished in nickel and blue. 1 to carton, 18 lbs.

No. B144 HOBBY DRILL—ELECTRIC MOTOR DRIVEN
Ideal for the model builder or household use. Sturdy, dependable. Gets into tight places. Easy to handle for steel, metals or wood. Powered by Gilbert universal motor 110 Volts A.C. or D.C. Complete with chuck, rubber cord and plug cap, toggle switch. Takes up to ¼" straight shank drills. Finish aluminum with blue handle. Underwriters' approved. Weight each 3½ lbs., six to carton, carton weight 24 lbs.





No. 10 GILBERT JIG SAW
Big, sturdy, powerful and speedy. Cuts with absolute precision. C Frame with reinforced cross sections. 6½" square steel work table, spring tension on saw, instantly adjusted, adustable presser foot for holding work in position. Roll guide protects saws against breakage. Cast iron drive wheel, one side scored for attaching sandpaper discs for smoothing work. 110-Volt Universal Motor A.C. or D.C. with simple oscillating motion having minimum vibration. Motor encased in heavy shell, rigidly mounted to C frame. 6 blades. Finish blue and black. Size 5⅛" x 17" x 17". 1 to carton, 23 lbs.



***above*—No. 10 CABINET**
Household Treasure Chest. Packed in blue metal carrying case, brass handle, reinforced corners and suit case catches. Contains 30 pieces including 16" crosscut saw, Scroll Saw, Chisels, Drills, 9" Plane, Metal Vise, Soldering Iron, 2-Jaw Screw Chuck Brace, etc. Size 22¼" x 13¼" x 2⅞". 1 to carton, 23 lbs.

GILBERT MYSTO MAGIC SETS



GILBERT MAGIC COMPLETELY CHANGED

ALL NEW TRICKS

MYSTERIOUS BAFFLING INTRIGUING

GIVE SHOWS

ANY BOY CAN DO THEM

SETS CONTAIN SECRETS AND APPARATUS OF THE WORLD'S GREATEST MAGICIANS



No. 1 GILBERT MYSTO MAGIC

Ten tricks for the pocket or stage. Simple and easy to perform, including the famous and mysterious Photoplasmic Mystery, Cut and Restore Paper Ribbon, Multiplying Cards, Multiplying Coins, Vanishing Handkerchief, Buddha Money Mystery, Phantom Card Trick, Galloping Dime, Hiding Chessman, Spiral Wire Illusion. Size 18" x 10" x 1¼". Weight each 1 lb., 12 to carton, carton weight 14 lbs.

No. 2 GILBERT MYSTO MAGIC

Contains 12 Startling and Mystifying tricks including Famous Ming Toy Laundry Ticket, Mysterious Vanisher, New Ace Trick, Sphinx Card Trick, Multiplying Billiard Balls, Jumping Peg, Svengali Mind Reading Wonder, Mysterious Linking Rings, etc. Includes make-up kit of mustache and goatee and poster. Simple, effective, up to date. Can be performed anywhere from the drawing room to the stage. Packed in cardboard box. Size 20⅝" x 13⅜" x 1¼". New, attractive, sensational four-color label. Weight each 2 lbs., 6 to carton, 14 lbs.





No. 3 GILBERT MYSTO MAGIC

All new and different tricks that are not contained in any other set, such as Tripping Fantasy, Balance of Fate, Baffling Handkerchief problem, the Great Solid thru Solid Mystery, Elusive Discs, Patriotic Cylinders, Ching Ling Soo, Ching Ling Foo, and many others. Two manuals, one on Magic and one on coin tricks. This set contains some of the world's most renowned Magic Tricks. Make-up Kit includes Mustache, Goatee and poster. Packed in cardboard hinged cover box with new attractive label. Size 20⅝" x 13⅜" x 1¾". Weight 2 lbs., 6 to carton, 14 lbs.

No. 5 GILBERT MYSTO MAGIC

Contains an assortment of mystifying tricks by the World's greatest magicians including Famous Dice in the Box Mystery, Magician's Rhapsody, Glass and Bottle Transposition, Handkerchief Casette Trick, Drum Head Tube Trick, Acrobatic Wedding Ring, Vanishing Handkerchief Trick. Contains Magic manual, Handkerchief manual, Knots and Splices manual that describe many additional tricks. Gives complete two-hour show and entertainment. Make-up kit includes mustache, goatee and poster. Packed in hinged cover cardboard box with attractive new label. Size 20⅝" x 13⅜" x 2½". Weight each 5 lbs., 3 to carton, carton weight 16 lbs.



GILBERT PUZZLE SETS

***right*—**

No. 1031 PUZZLE SET

Seven interesting puzzles assembled in four colored label box with manual of instructions included. Size 10"x8⅝"x ½". Weight 8 oz. 36 to carton, 30 lbs.



***right*—**

No. 1031½ PUZZLE SET

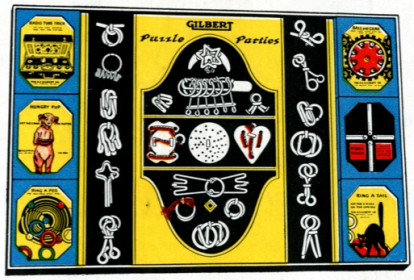
13 puzzles assembled in four color label carton. Complete manual of instructions. Size 9¼" x 13½" x ¾". Weight 1 lb. Packed 24 to carton, carton weight 26 lbs.





***above*—No. 1032 GILBERT PUZZLE SET**

21 fascinating puzzles. Instruction book giving details as to solution. Packed in four color labeled carton. Size 10" x 18" x ¾". Weight 1¼ lbs. 12 to carton, 23 lbs.

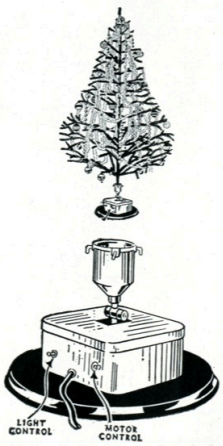


No. 1033 TRICKS AND PUZZLES

Contains 23 wire puzzles and six new baffling teasers such as Radio Tube Trick, Hungry Pup Trick, Ring-a-peg, Ball and Gear, etc. Amusing, educational, ingenious. Packed in cardboard box, 20½" x 13½" x 1¼". Weight each 3 lbs., 6 to carton, 20 lbs.

No. 14 XMAS TREE TURNTABLE (table model)

Electric motor-driven. Holds three or four foot tree. Motor revolves tree slowly. Switch permitting tree lights to be lighted or turned off. Finished in white. Music box can be purchased separately.



No. 15 XMAS TREE TURNTABLE

Suitable for revolving an 8-foot tree fully trimmed. Will revolve evenly balanced load up to 100 lbs. Double socket bakelite plug outlet takes two strings of electric light bulbs. Removable tree socket holds water. Three thumb screws securely fasten butt of tree. Two special switches—one for lights and other for motor control. Ideal for home, window or counter display. Lasts for years. Induction motor operating on 110-Volts A. C. 60 cycles only. 1 to carton, 14 lbs. Music box can be purchased separately.

THE GREAT NEW ERECTOR REG. U.S. PAT. OFF. REDESIGNED — MODERNIZED

The only Construction Toy that builds the square girder.



No. 1½ ERECTOR

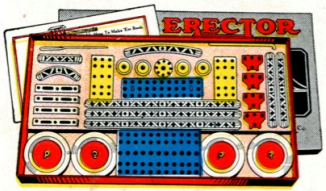
Dandy Beginner's Set. Builds many different models such as jib crane, battleship, wagons, trucks, etc. Large assortment of parts and How-to-Make-'Em Book. Packed in cardboard box with 5 color label. Size 13¼" x 9½" x ⅝". Weight 1½ lbs. 24 to carton, 38 lbs.



At right — SUPER No. 5½ ERECTOR

Has 110 volt A.C. Induction motor. No batteries or transformers to buy. New big base plates, large wheels, pulleys, gears, pinions, all necessary parts for building Merry-go-round, Dock Hoist, Elevators and numerous other models operating under their own power. Gear box reverses, transmits and increases power and speed. How-to-Make-'Em Book. Packed in metal cabinet. Size 16" x 8¼" x 2⅜". Weight 8½ lbs. 6 to carton, 54 lbs.





No. 2½ ERECTOR

Apprentice Set with big red wheels, curved and long girders, etc. Builds Ferris Wheel, Draw Bridge, Elevator, Cranes, etc. Packed in cardboard box with 5 color label and How-to-Make-'Em Book. Size 18" x 10" x ¾". Weight 2½ lbs. 12 to carton, 34 lbs.



At right — THE SENSATIONAL No. 6½ ERECTOR

Induction motored electric engine with gears, pinions, pulleys, etc. Operates on 110 Volts A.C. only. Builds windmill, pump, airplane beacon, pile driver, etc. Includes miniature house for bridge tender, ticket seller, watchman, etc. How-to-Make-'Em Book. Packed in metal cabinet. Size 16¼" x 8¼" x 3". Weight each 10 lbs., 6 to carton, carton weight 62 lbs.





No. 3½ ERECTOR

Intermediate Set with new big base plates, angle girders, big wheels, etc. Builds Derricks, Walking Beam Engine, Lift Bridge, Snow Remover, Trucks, etc. Packed in cardboard box with 5 color label. How-to-Make-'Em Book. Size 18" x 10" x 1⅜". Weight 4½ lbs. 12 to carton, 55 lbs.



At right — No. 7½ ERECTOR

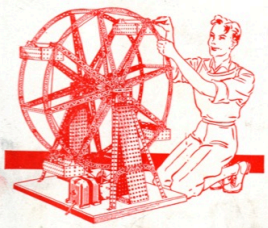
The Electric Engine Set. Electric engine with gear shift operates two movements, each of which can be independently stopped, started, or reversed. Electric lights illuminate models. Builds all types of steam engines, trucks, derricks, etc. Includes boiler, large wheels, base plates, gears, pinions, etc. How-to-Make-'Em Book. Packed in metal cabinet 18⅛" x 10⅛" x 3". Weight each 12 lbs., 3 to carton, carton weight 38 lbs.





FAMOUS No. 4½ ERECTOR

The set with powerful mechanical motor. No wires, batteries or transformer necessary. Builds horizontal engine, windmill, trip hammer, trucks, etc. Miniature house for bridge tender, ticket seller, watchman, etc. Includes girders, large wheels, base plates, etc. How-to-Make-'Em Book. Packed in hinged cover cardboard box. Size 18" x 10¼" x 2⅜". Weight 7 lbs. each, 6 to carton, carton weight 45 lbs.



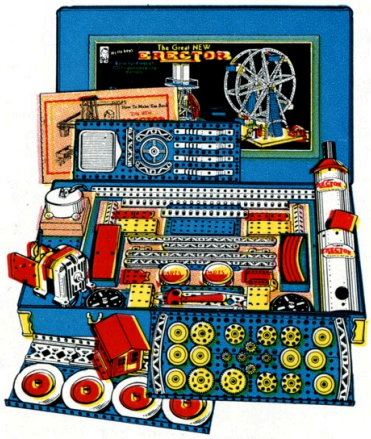
At right — No. 8½ ERECTOR

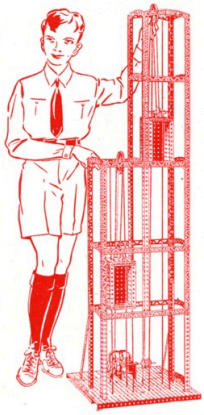
The Engineer's Set, with 110 Volt reversing electric engine, lifting magnet. Builds Ferris Wheel, Bridges, Oil Drilling Rig, Magnetic Cranes, Derricks, etc. Includes lights, miniature house, increased number of base plates, girders, etc. How-to-Make-'Em Book. Packed in metal cabinet. Size 20¼" x 12¼" x 3". Weight each 18¼ lbs., 3 to carton, carton weight 58 lbs.



THE A. C. GILBERT CO., New Haven, Conn., U. S. A.

Printed in U.S.A.





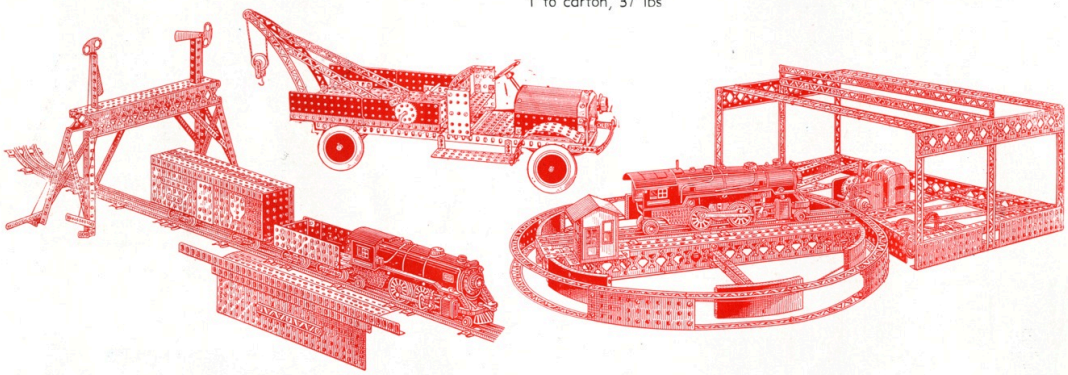


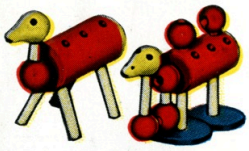
No. 9½ ERECTOR

The Automotive Set. Electric engine with gear shift for forward, reverse and stop. 110 Volt A.C. only. Electric lights illuminate models. Chassis parts, big channel girders, giant fly wheel, etc. The set that builds the Giant Power Plant, automobiles, trucks, elevator, mammoth walking beam engine, etc. How-to-Make-'Em Book. Size 22" x 13" x 3". 1 to carton. Weight 25 lbs.

No. 10½ ERECTOR

The Electric Train Set. Features completely assembled electric locomotive with circle of track. Additional equipment builds tender, freight cars, turntable and many other fine models. Contains two motors—mechanical motor and electric engine operating on 110 Volt A.C. with forward and reverse movements. Electric lights illuminate models. Electro-magnet, miniature house, etc. Packed in metal cabinet. Size 24⅛" x 14⅛" x 4". 1 to carton, 37 lbs

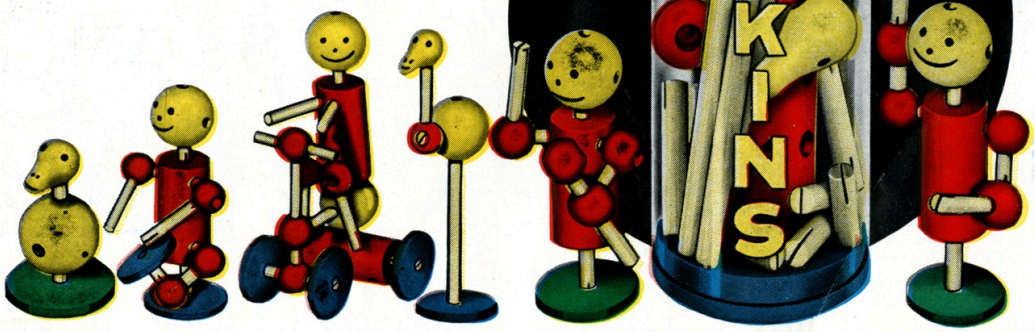




The KIDDIKINS of KIDDIKIN-LAND

They're a brave little, queer little band and they act in a very strange way. And only wee children will understand what the Kiddikins have to say.

The inhabitants of Kiddikin-Land are indeed a happy family that will delight the heart of every child. A new toy every day—a toy you can sell every day—the year round. Kiddikins consist of a selection of interchangeable wooden parts which the child puts together quite easily in a simple manner. The parts are finished in brilliant colors—red, yellow, blue, green and natural, and they combine to make an intriguing group of comical figures and amusing animals. Packed in attractive modern, transparent Kodapak container with instructions clearly illustrating twenty-five figures and animals that can be made. Weight each 2 lbs. 24 to carton, carton weight 26 lbs.



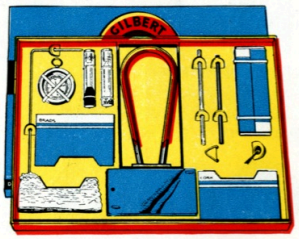
GILBERT ELECTRICAL AND SCIENCE SETS



No. 2 DETECTIVE KIT
A complete scientific finger printing outfit. Explains modern method of crime detection as used by the Famous "G" men and Scotland Yard detectives. Included in kit is complete detectaphone which may be concealed in a room and used to listen in on play conspiracies. Thrilling healthy fun for the modern boy. Packed in cardboard box 18" x 10" x 1¼". Weight each 2 lbs., 6 to carton, carton weight 14 lbs.



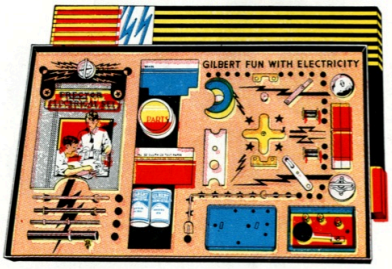
No. 10 ADVANCED ELECTRICAL SET
The set with the Sensitive Microphone, Electric Eye, Magnetism, Telegraph Key. Builds two Motors, Telephone Receiver. Large assortment of parts for many fascinating experiments. Three large books tell how. Packed in cardboard box 20½" x 13½" x 2⅝". Weight each 7 lbs. 3 to carton, 24 lbs.



No. 2 MAGNETIC FUN AND FACTS
Contains Horseshoe Magnet, Bar Magnets, Compass and all necessary parts to do many fascinating experiments in Magnetism and Static Electricity. 12½" x 8¾" x 1¼". Weight 1¼ lbs. 6 to carton, 9 lbs.



No. 3502 TELE-SET
Complete Telegraph instruments. Sending and Receiving. C. W. Buzzer type for communications, flash for night signaling or silent code. High pitch buzzer, bulb, reflector, quick action key. International Morse code charts. 100 ft. wire. Instruction book. Operates on 2 standard flashlight cells, purchased separately. Size 12½" x 8⅝" x 2¼". Weight each 2 lbs. 6 to carton, 13 lbs.



No. 3 FUN WITH ELECTRICITY
The toy that electrifies and illuminates. Contains parts and instructions for building electric motor, electro magnets, bell, buzzer. Teaches and demonstrates fundamentals of frictional electricity. Size 20½" x 13½" x 1¼". Weight each 2 lbs. 6 to carton, carton weight 14 lbs.



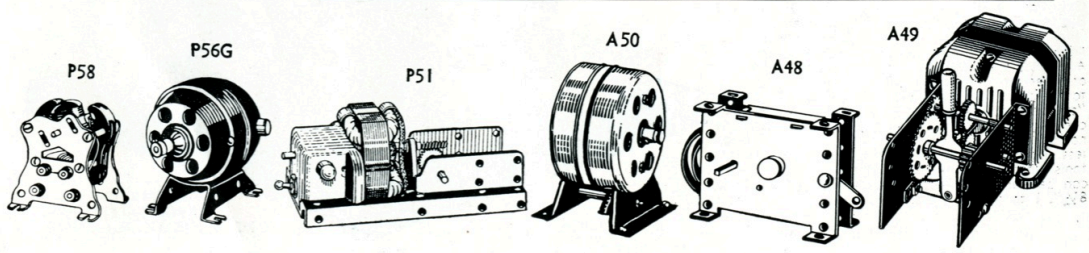
No. 6 ELECTRIC EYE
Mysteries of electrical action through Selemium Cell and Sensitive Relay. Equipment mounted on panel and wired for operation. All experiments illustrated and explained in manual. Basis of action through light rays penetrating Selemium Cell which is extremely sensitive to change of light, either to greater or less conductivity. Lights electric light with match. Electric Light turns itself off. Rising sun operates alarm—smoke alarm—auto lights sound garage alarm and other mystifying electrical stunts. Operated from 22½ volt B Battery and two 1½ volt dry cells purchased separately. Size 12¼" x 8¼" x 2⅞". Weight each 4 lbs. 6 to carton, 24 lbs.



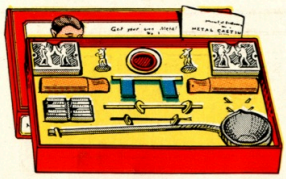
No. 5 GILBERT TELEPHONE SET
Practical, modern two-way telephone. Consists of two complete French hand sets with receiver, transmitter and dial in base for calling other station. Each base has space for two flashlight batteries (not included). 100 feet copper wire and directions included. Packed in cardboard box 4¼" x 6¼" x 16¼". Weight each 5 lbs. 6 to carton, 30 lbs.

GILBERT MOTORS

ALL HAVE PULLEYS	VOLTS CURRENT CYCLES	SWITCH	SIZE	CORD AND PLUG CAP	COLOR	NO. TO CAR.	CAR. WGT.
A-50	110v. A.C. 60 CYCLES ONLY	NONE	4"x3½"x3 1/16"	YES	NICKEL AND BLACK	6	11 LBS.
P-51 GEARED AND REVERSES	110v. A.C. D.C. 60 CYCLES OR LESS	TOGGLE	5"x3"x2½"	YES	NICKEL AND RED	6	14 LBS.
P-56G SPEEDY POWERFUL	110v. A.C. D.C. 60 CYCLES OR LESS	NONE	3½"x3"x4½"	YES	BLACK	6	11 LBS.
P-58 ERECTOR BATTERY TYPE	6-14v.	NONE	3"x2¾"x2⅞"	NO	NICKEL	12	9 LBS.
A-49 ELECTRIC ENGINE—FORWARD AND REVERSE	110v. A.C. D.C. 60 CYCLES OR LESS	NONE	5½"x3"x2½"	YES	METALLESCENT AND RED	6	17 LBS.
A-48 MECHANICAL MOTOR	NONE	NONE	4¼"x2¼"x1⅜"	NO	BLUE	6	5 LBS.



GILBERT KASTER KITS



No. 1 METAL CASTING SET

Non-Electric. Lead toy casting outfit. Simple to operate. Mold, pin locks securely in spring grip receptacle. Wooden handles for lifting. Complete with 1 mold, cleaning and handling tools, 6 pigs metal, pouring ladle, can of paint for coloring and instruction sheet. Additional molds purchased separately. Cardboard box 13½" x 9½" x 1 15/16". Weight 2½ lbs. 12 to carton, 31 lbs.

KASTER KIT MOLDS

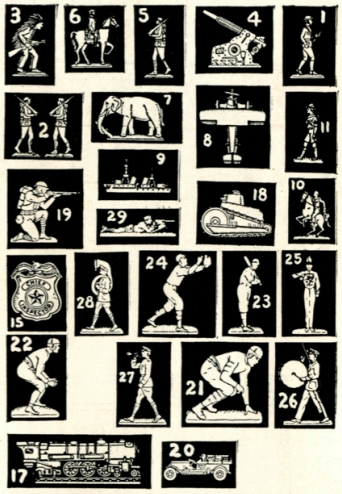
Boys want this complete assortment of molds. Build army scenes, Air and Sea Flotillas, Parades, Base Ball and Foot Ball Players, Bands,, etc.

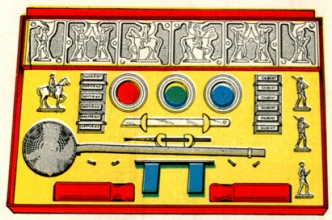
Molds 1 to 29 used with all Kaster Kits.

LISTING—NAME AND NUMBER

1. Army Officer
2. Infantry (2)
3. Indian
4. Howitzer
5. Infantry (1)
6. Cavalry
7. Elephant
8. Airplane
9. Battleship
10. Cowboy
11. Boy Scout
15. Police Badge
17. Locomotive
18. Tank
19. Kneeling Soldier
20. Fire Engine
21. Football Linesman
22. Football Backfield man
23. Baseball Batter
24. Baseball Fielder
25. Drum Major
26. Drummer
27. Bugler
28. Bass Horn Player
29. Machine Gunner

MOLDS





No. 2 METAL CASTING SET

Outfit with two molds, three figures —Cavalryman, officer, infantry man, ladle, three paints, brush, 12 pigs of metal, mold holder and trimming tool. Size 15¾" x 10 1/16" x 2½". Packed in cardboard box. Weight each 4 lbs., 6 to carton, carton weight 26 lbs.

SLUSH MOLDS for No. 7 KASTER KIT

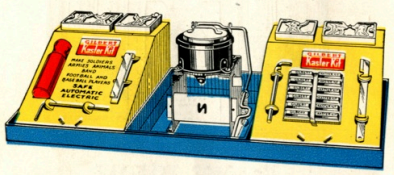
(Cannot be used with other Kaster Kits)

New improved slush molds produce hollow castings. Big Economy! Use only half as much metal. Make third dimension figures in natural proportions.

S40 Cannon
S41 Sailor
S42 Marine Officer
S43 Automobile
S44 Airliner
S45 Indian Chief
S46 Warrior with Gun
S47 Soldier
S48 Officer
S49 Cadet
S50 Cold Stream Guard
S51 Doctor
S52 Nurse
S53 Stretcher Bearer
S54 Wounded Soldier on Stretcher

SLUSH MOLDS FOR No. 7 KASTER KIT ONLY

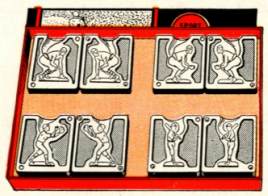




No. 3½ KASTER KIT

Electric, automatic, approved by Underwriters. Complete outfit for casting soldiers, etc. Includes two molds, three figures including cavalry man, officer, infantry man. Heat supplied by built-in heating unit when plugged into electric socket. Cord and plug not included. Mold cleaning and handling tools. 12 pigs of metal. Mounted on steel base. Instruction manual. Packed in attractive cardboard display box. Size 18" x 10" x 6". Weight each 3 lbs., 6 to carton, carton weight 18 lbs.

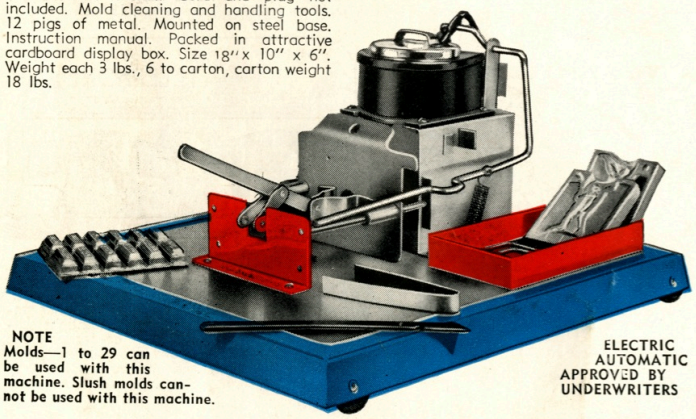
NEW WAY TO SELL MOLDS IN SETS



A—Sports Series, B—Band Series and C—Military Series—the economical way to buy molds. Each set contains four molds. Size 9½" x 6¾" x 1¼". Weight each 1¾ lbs., 6 to carton, carton weight 11 lbs.

No. 1 Kaster Kit Paints—Specially prepared for coloring castings. Six colors, each in metal can, brush. Size 6¼" x 4¼" x 1⅛". Weight each 8 oz. 12 to carton, carton weight 7 lbs.

No. 0 Pigs of Metal. For use with Gilbert Kaster Kit. Recommended as best. 24 pigs to a package. 1 lb. 24 packages to carton—carton weight 26 lbs.

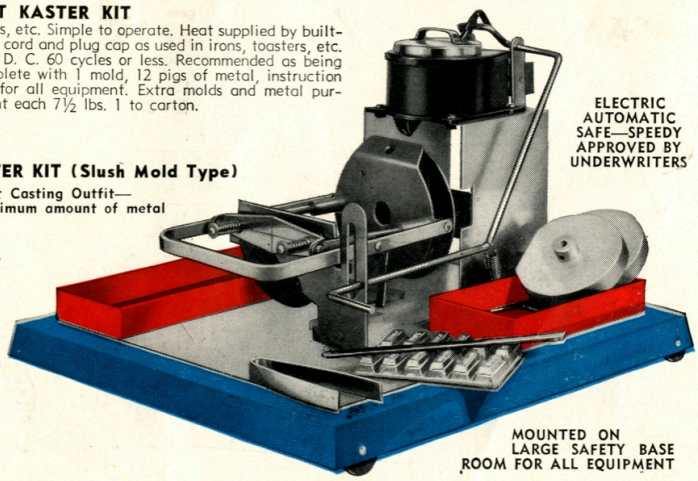


NOTE
Molds—1 to 29 can be used with this machine. Slush molds cannot be used with this machine.

ELECTRIC AUTOMATIC APPROVED BY UNDERWRITERS

No. 5½ GILBERT KASTER KIT

Complete outfit for casting soldiers, animals, Indians, etc. Simple to operate. Heat supplied by built-in heating unit, "standardized" for use with regular cord and plug cap as used in irons, toasters, etc. Cord and plug not furnished. Operates on A. C. or D. C. 60 cycles or less. Recommended as being one of the safest casting kits on the market. Complete with 1 mold, 12 pigs of metal, instruction manual. Mounted on large safety base with room for all equipment. Extra molds and metal purchased separately. Size 13" x 11¾" x 6¾". Weight each 7½ lbs. 1 to carton.



ELECTRIC AUTOMATIC SAFE—SPEEDY APPROVED BY UNDERWRITERS

right—NEW No. 7 GILBERT KASTER KIT (Slush Mold Type)

World's Greatest and Safest Casting Outfit— Makes life-like figures with minimum amount of metal

Only casting outfit that produces hollow castings. Big Economy. Uses only half as much metal. Makes third dimension figures in natural proportions. NOTE: Only machine that uses slush type molds. All molds listed on this page, whether slush type or otherwise, can be used with this machine. Simple to operate. Heat supplied by built-in heating unit, "standardized" for use with regular cord and plug cap as used in irons, toaster, etc. (Cord and plug not supplied.) Operates A. C. or D. C. 60 cycles or less. Complete with one mold, 12 pigs of metal, tools, instruction manual. Extra molds and metal can be purchased separately. Size 11¾" x 13" x 8½". 1 to carton, 9 lbs.

MOUNTED ON LARGE SAFETY BASE ROOM FOR ALL EQUIPMENT

The Great New ERECTOR REG. U.S. PAT. OFF. REDESIGNED—MODERNIZED

The only Construction Toy that builds the square girder.



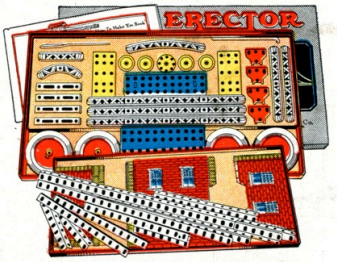
Above — **No. 1½ ERECTOR**

Dandy Beginner's Set. Builds many different models such as jib crane, battleship, wagons, trucks, etc. Large assortment of parts and How-to-Make-'Em Book. Packed in cardboard box with 5 color label. Size 13¼" x 9½" x ⅝". Weight 1½ lbs. 24 to carton 38 lbs.



Above — **No. 2½ ERECTOR**

Apprentice Set with big red wheels, curved and long girders, etc. Builds Ferris Wheel, Draw Bridge, Elevator, Cranes, etc. Packed in cardboard box with 5 color label and How-to-Make-'Em Book. Size 18" x 10" x ¾". Weight 2½ lbs. 12 to carton, 28 lbs.



Above — **No. 3½ ERECTOR**

Intermediate Set with new big base plates, angle girders, big wheels, etc. Builds Derricks, Walking Beam Engine, Lift Bridge, Snow Remover, Trucks, etc. Packed in cardboard box with 5 color label. How-to-Make-'Em Book. Size 18" x 10" x 1⅜". Weight 4 lbs. 12 to carton, 50 lbs.



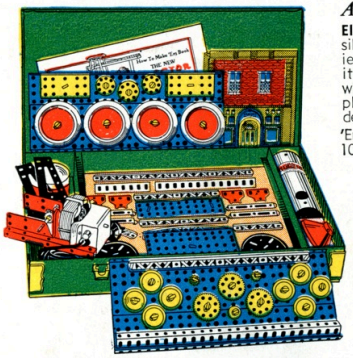
At left — **FAMOUS No. 4½ ERECTOR**

The set with powerful P58 Battery Motor, Gear Box, Gears, Pinions, Pulleys, etc. Builds Horizontal Engine, Bridges, Cranes and other motor driven models. Gear Box reverses, transmits and increases power and speed. How-to-Make-'Em Book included. Packed in hinged cover cardboard box. Size 18" x 10¼" x 2⅜". Weight 7¼ lbs. 6 to carton, 46 lbs.

At right — **SUPER No. 5½ ERECTOR**

Has 110 volt A.C. Induction motor. No batteries or transformers to buy. New big base plates, large wheels, pulleys, gears, pinions, all necessary parts for building Merry-go-round, Dock Hoist, Elevators and numerous other models operating under their own power. Gear box reverses, transmits and increases power and speed. How-to-Make-'Em Book. Packed in metal cabinet. Size 16" x 8¼" x 2⅜". Weight 8½ lbs. 6 to carton, 53 lbs.



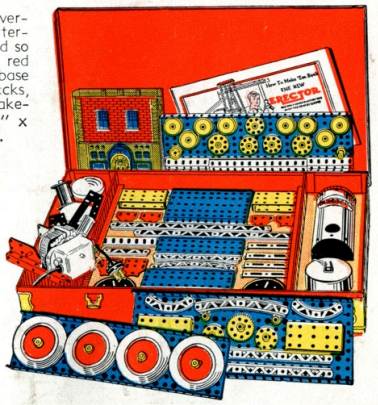


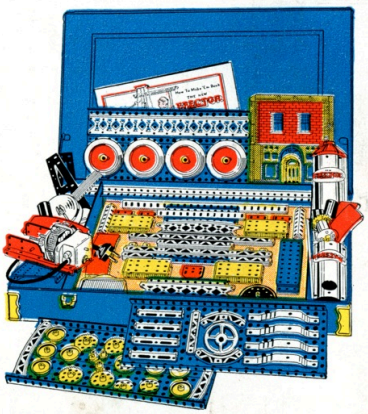
At left — **No. 7½ ERECTOR**

Electric Engine Set with Universal Electric Reversible Engine. Operates on house current. No batteries or transformers to buy. Engine can be geared so it increases power or speed and reverses. Big red wheels, boiler, girders, gears, pinions, big base plates, etc. Builds all types of steam engines, trucks, derricks and other action models. How-to-Make-'Em Book. Packed in steel cabinet. Size 18⅛" x 10⅛" x 3". Weight 12 lbs. 3 to carton, 38 lbs.

At right — **No. 8½ ERECTOR**

The Engineers' Set with 110 volt Reversing Electric Engine. Operates on house current. No batteries or transformers to buy. Engine can be geared to increase power or speed and reverse. Electric Lifting Magnet, large disc wheels, boiler, girders, gears, pinions, additional base plates, etc. Builds Ferris Wheel, Bridges, Oil Drilling Rigs, Magnetic Cranes, Derricks, etc. How-to-Make-'Em Book. Packed in steel cabinet. Size 20¼" x 12¼" x 3". Weight 19 lbs. 3 to carton, 59 lbs.



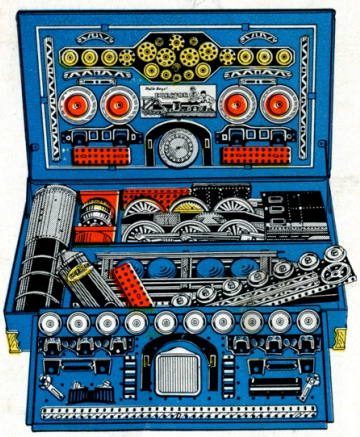


At left — **No. 9½ ERECTOR**

The Automotive Set. Electric Engine with reverse switch. Operates on house current. No batteries or transformers to buy. Increases power or speed or reverses. Contains automotive parts, electric lifting magnet, large disc wheels, boilers, big girders, gears, pinions, angle girders, giant fly wheel, etc. Builds automobiles, trucks, giant power plant, automatic elevator, mammoth walking beam engine, etc. How-to-Make-'Em Book. Packed in steel cabinet. Size 22" x 13" x 3". Weight 25 lbs. 1 to carton, 27 lbs.

At right—**WORLD'S CHAMPION No. 10½ ERECTOR**

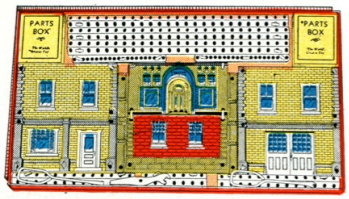
Includes reversible electric engine operating on house current, also battery motor. Builds the giant four-foot Locomotive and Tender, Railroad cars and a host of other fine models including those built with other Erector Sets. Contains assembled chassis, and special parts for locomotive type models, such as Tank Car, Wrecking Derrick, Trolley Repair Car, Portable Steam Plant, Horizontal Engine, Electric Revolving Crane, etc., as well as parts for all model building. Two How-to-Make-'Em Books. Packed in metal cabinet. Size 24⅛" x 14⅛" x 4". Weight 44 lbs. 1 to carton, 45 lbs.



D1207

THE A. C. GILBERT CO., New Haven, Conn., U.S.A.

Printed in U.S.A.



No. S SKYSCRAPER SET

Accessory set to Erector, also a complete unit. Contains building sections, angle girders, cross-bracing strips. Snap rivets hold building sections to girders. Sections printed both sides permit reversing and assembling numerous types of cement or brick structures. How-to-make-'Em book. Size 18" x 10" x 1⅜". Weight 7½ lbs. 6 to carton, 47 lbs.

No. SA SKYSCRAPER ACCESSORY SET

For use only with any Erector set. Finishes outside of models with cement or brick-like architectural appearance. Size 18" x 10" x ¾". 12 to carton, 17 lbs.





No. 2 GILBERT TUBULAR TOY

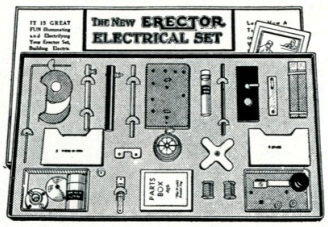
A new boltless construction toy—no bolts, nuts or screw driver needed. For child of three to five years of age. Consists of metal tubes, connectors and wheels. Speedily builds over 25 models. Packed in a transparent tube—all parts being entirely visible. Each package a complete display in itself. A brand new idea in packing and merchandising. Size 11½" high, circular tube 3¼" in diameter. 12 to carton, carton weight 26 lbs.

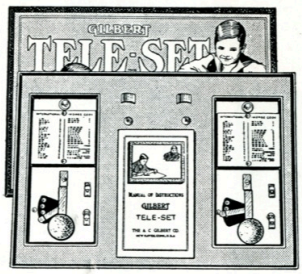


GILBERT ELECTRICAL SETS

No. 3 ELECTRICITY and MAGNETISM

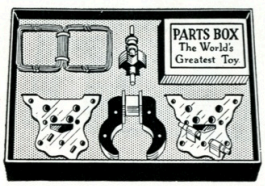
The toy that electrifies and illuminates. Contains parts and instructions for building electric motor, electro magnets, bell, buzzer. Teaches and demonstrates fundamentals of frictional electricity. Size 18" x 10 " x 1⅜". Weight 2½ lbs. 6 to carton, 16 lbs.





No. 3502 TELE-SET

Complete Telegraph instruments. Sending and Receiving. C. W. Buzzer type for communications, flash for night signaling or silent code. High pitch buzzer, bulb, reflector, quick action key. International Morse code charts. 100 ft. wire. Instruction book. Operates on 2 standard flashlight cells, purchased separately. 12½" x 8⅝" x 2¼". 2½ lbs. 6 to carton, 17 lbs.



No. 1 MOTOR KIT

Builds electric motor—teaches fundamentals of motor construction and operation. Used and recommended by schools. Motor operates on 6 volts of battery current. Labeled box 6⅝" x 9½" x 1⅜". 12 to carton, 14 lbs.

No. 5 GILBERT TELEPHONE SET

Practical, modern two-way telephone. Consists of two complete French hand sets with receiver, transmitter and dial in base for calling other station. Each base has space for two flashlight batteries (not included). 100 feet copper wire and directions included. Packed in cardboard box 4¼" x 6¼" x 16¼". 6 to carton, 22 lbs.



No. 10 ADVANCED ELECTRICAL SET

The set with the Sensitive Microphone, Electric Eye, Magnetism, Telegraph Key. Builds two Motors, Telephone Receiver. Large assortment of parts for many fascinating experiments. Packed in cardboard box 20½" x 13½" x 2⅝". Weight 6½ lbs. 3 to carton, 23 lbs.



No. 6 ELECTRIC EYE

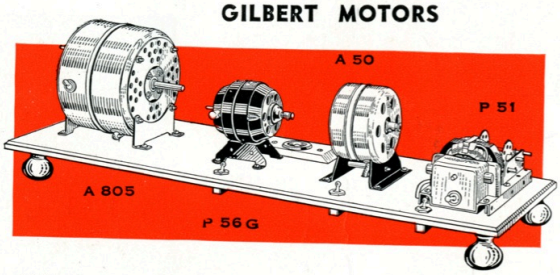


Mysteries of electrical action through Selemium Cell and Sensitive Relay. Equipment mounted on panel and wired for operation. All experiments illustrated and explained in manual. Basis of action through light rays penetrating Selemium Cell which is extremely sensitive to change of light, either to greater or less conductivity. Lights electric light with match. Electric Light turns itself off. Rising sun operates alarm—smoke alarm—auto lights sound garage alarm and other mystifying electrical stunts. Operated from 22½ volt B Battery and two 1½ volt dry cells purchased separately. 4 lbs. Pk. 6. 26 lbs. 12¼ x 8¼ x 2⅞.

GILBERT MOTORS



P 58

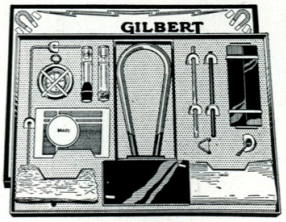


ALL HAVE PULLEYS	VOLTS CURRENT CYCLES	SWITCH	SIZE	CORD AND PLUG CAP	COLOR	NO. TO CAR.	CAR. WT.
A-50	110v. A.C. 60 CYCLES ONLY	NONE	4"x3½"x3 1/16"	YES	NICKEL AND BLACK	6	11 LBS.
P-51 GEARED AND REVERSES	110 v. A.C. D.C. 60 CYCLES OR LESS	TOGGLE	5"x3"x2½"	YES	NICKEL AND RED	6	14 LBS.
P-56G SPEEDY POWERFUL	110 v. A.C. D.C. 60 CYCLES OR LESS	NONE	3½"x3"x4½"	YES	BLACK	6	11 LBS.
P-58 ERECTOR BATTERY TYPE	6-14v.	NONE	3"x2¾"x2⅞"	NO	NICKEL	12	9 LBS.
A-805 FOR LATHES AND MACHINE TOOLS	110V. A.C. 60 CYCLES ONLY	TOGGLE	5¼"x5¼"x6"	YES RUBBER	NICKEL AND BLACK	1	9 LBS.

At Left—**No. 2 MOTOR DISPLAY**

Assembled display stand showing motor numbers A805, P56G, A50, P58 and P51 Electric Engine. Electrical connection on board for current from outlet with special hook up to motor. All except P58 Battery Motor controlled by toggle switch. Size 24" x 7⅞". Weight 15½ lbs. 1 to carton, 17½ lbs.

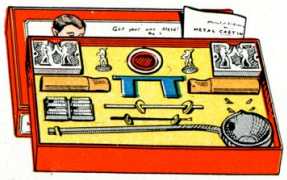
No. 2 MAGNETIC FUN AND FACTS



Contains Horseshoe Magnet, Bar Magnets, Compass and all necessary parts to do many fascinating experiments in Magnetism and Static Electricity. 12½" x 8¾" x 1¼". Weight 1¼ lbs. 6 to carton, 9 lbs.

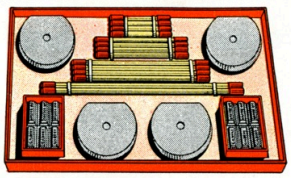
GILBERT KASTER KITS

No. 1 METAL CASTING SET—Non-Electric



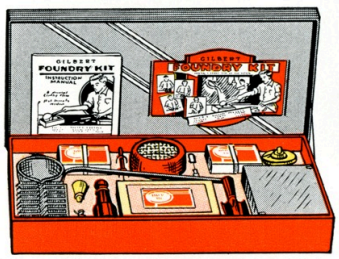
Lead toy casting outfit. Simple to operate. Mold, pin locks securely in spring grip receptacle. Wooden handles for lifting. Complete with 1 mold, cleaning and handling tools, 6 pigs metal, pouring ladle, can of paint for coloring and instruction sheet. Additional molds purchased separately. Cardboard box 13½" x 9½" x 1 15/16". Weight 2½ lbs. 12 to carton, 32 lbs.

No. D KASTER KIT CONSTRUCTION SET



Contains two molds for making connectors. Metal tubes and 24 pigs of metal, which, when combined with connectors make a complete construction toy. Builds approximately 25 models. NOTE: Set can be used only with No. 7 Kaster Kit, Slush Mold type. Colored cardboard box, 12⅜" x 8⅝" x 1¼". 6 to carton, wgt. approx. 23 lbs.

No. 2 GILBERT FOUNDRY KIT



First real foundry set for casting in sand without need of expensive molds. Contains flask, graded molding sand, Trowel, sieve, ladle, plates, striker, lead, etc. No limit to variety and number of articles that can be duplicated. Complete with instruction book in cardboard box, 18" x 10" x 2½". 6 to carton, 25 lbs.

No. 1 KASTER KIT PAINTS

Specially prepared for coloring castings. 6 colors, each in metal can. Stirring stick and brush. Box 5 3/16" x 3 9/16" x 1 7/16". 6 to carton. 6 lbs.

No. 00 PIGS OF METAL

For use with Gilbert Kaster Kit. Recommended as best. 48 pigs to package, 2 lbs.

KASTER KIT MOLDS

Boys want this complete assortment of molds. Build army scenes, Air and Sea Flotillas, Parades, Base Ball and Foot Ball Players, Bands, etc.

Molds 1 to 29 used with all Kaster Kits.

LISTING—NAME AND NUMBER

1. Army Officer
2. Infantry (2)
3. Indian
4. Howitzer
5. Infantry (1)
6. Cavalry
7. Elephant
8. Airplane
9. Battleship
10. Cowboy
11. Boy Scout
15. Police Badge
17. Locomotive
18. Tank
19. Kneeling Soldier
20. Fire Engine
21. Football Linesman
22. Football Backfield man
23. Baseball Batter
24. Baseball Fielder
25. Drum Major
26. Drummer
27. Bugler
28. Bass Horn Player
29. Machine Gunner

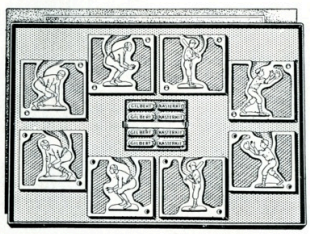
SLUSH MOLDS FOR No. 7 KASTER KIT

(Cannot be used with other Kaster Kits)

New improved slush molds produce hollow castings. Big Economy! Use only half as much metal. Make third dimension figures in natural proportions.

S40 Cannon
S41 Sailor
S42 Marine Officer
S43 Automobile
S44 Airliner
S45 Indian Chief
S46 Warrior with Gun

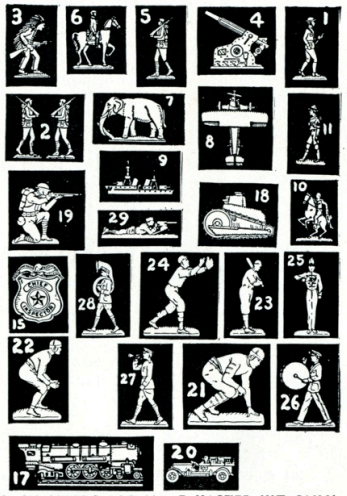
NEW WAY TO SELL MOLDS IN SETS



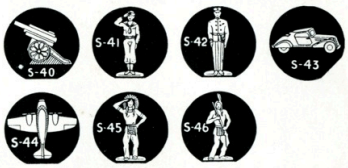
A—SPORTS B—BAND C—MILITARY SERIES

Each contains four molds and 12 pigs of metal. Packed in cardboard box. Size 12⅝" x 8⅝" x 1". 4 lbs. 6 to carton, 26 lbs.

MOLDS



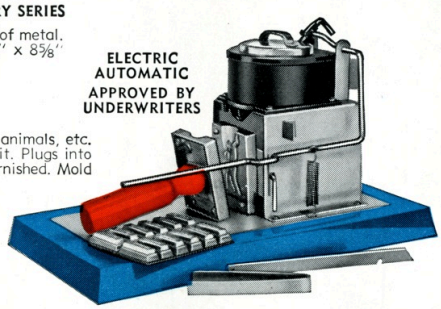
SLUSH MOLDS FOR No. 7 KASTER KIT ONLY



***right*—No. 3 KASTER KIT JR.**

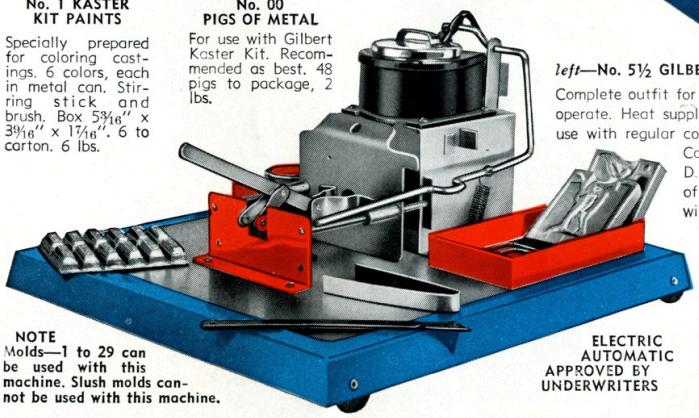
Complete outfit for casting soldiers, animals, etc. Heat supplied by built-in heating unit. Plugs into electric socket. Cord and plug not furnished. Mold cleaning and handling tools, 12 pigs of metal, 1 mold. Mounted on base. Instruction manual. Size 12" x 6½" x 6⅜". 3¾ lbs. 6 to carton, 24 lbs.

ELECTRIC AUTOMATIC APPROVED BY UNDERWRITERS



***left*—No. 5½ GILBERT KASTER KIT**

Complete outfit for casting soldiers, animals, Indians, etc. Simple to operate. Heat supplied by built-in heating unit, "standardized" for use with regular cord and plug cap as used in irons, toasters, etc. Cord and plug not furnished. Operates on A. C. or D. C. 60 cycles or less. Recommended as being one of the safest casting kits on the market. Complete with 1 mold, 12 pigs of metal, instruction manual. Mounted on large safety base with room for all equipment. Extra molds and metal purchased separately. Size 13" x 11¾" x 6¾". Weight 5½ lbs. 1 to carton, 7 lbs.



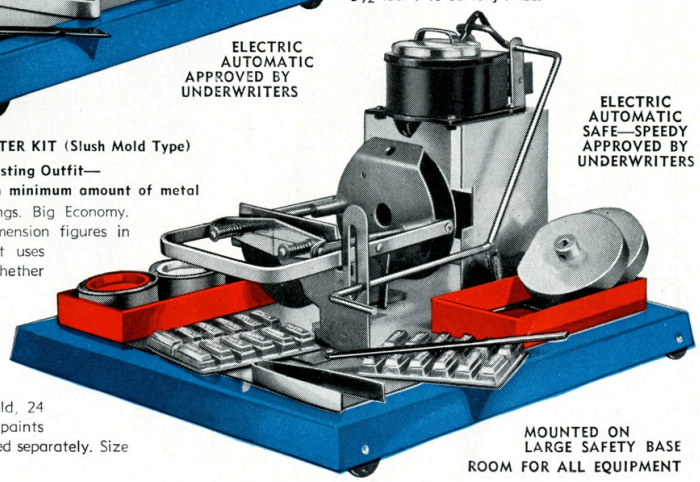
NOTE
Molds—1 to 29 can be used with this machine. Slush molds cannot be used with this machine.

ELECTRIC AUTOMATIC APPROVED BY UNDERWRITERS

***right*—NEW No. 7 GILBERT KASTER KIT (Slush Mold Type)**

World's Greatest and Safest Casting Outfit—
Makes Life-like figures with minimum amount of metal

Only casting outfit that produces hollow castings. Big Economy. Uses only half as much metal. Makes third dimension figures in natural proportions. NOTE: Only machine that uses slush type molds. All molds listed on this page, whether slush type or otherwise, can be used with this machine. Simple to operate. Heat supplied by built-in heating unit, "standardized" for use with regular cord and plug cap as used in irons, toasters, etc. (Cord and plug not supplied.) Operates A. C. or D. C. 60 cycles or less. Complete with one mold, 24 pigs of metal, tools, instruction manual, two paints and brush. Extra molds and metal can be purchased separately. Size 11¾" x 13" x 8½". 1 to carton, 9 lbs.



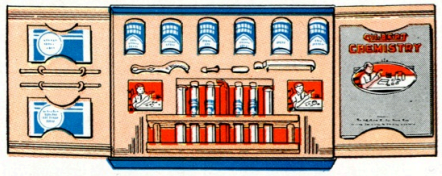
ELECTRIC AUTOMATIC SAFE—SPEEDY APPROVED BY UNDERWRITERS

MOUNTED ON LARGE SAFETY BASE ROOM FOR ALL EQUIPMENT

NEW GILBERT CHEMISTRY SETS

Newly designed in Gilbert's chemical laboratory in collaboration with one of America's outstanding chemical research laboratories under the direction of Treat B. Johnson, Yale University, Ph.B., Ph.D., a recognized authority on chemistry.

With the new Gilbert Chemistry Sets you can accomplish new chemical experiments never before offered in toy sets. UP TO DATE! New chemicals, new equipment, new apparatus such as beakers, thermometer, flasks, scales (in some sets).



Above—**No. 1 CHEMISTRY. Dandy Beginner's Set**

23 pieces of Chemicals and apparatus including wood test tube rack. Large manual of instructions shows how to do 151 experiments. Packed in 4 color labeled carton, size 13½" x 9⅝" x 1⅜". 1½ lbs. 12 to carton, 20 lbs.

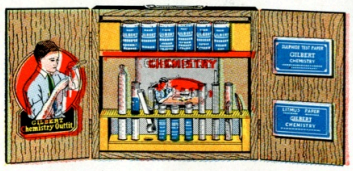
SELECTIVE EQUIPMENT FOR BOY CHEMISTS

Nationally Advertised Yearly Prize Awards



BASSWOOD—LABORATORY TYPE CABINETS

Below—**No. 2 JUNIOR CHEMISTRY LABORATORY**



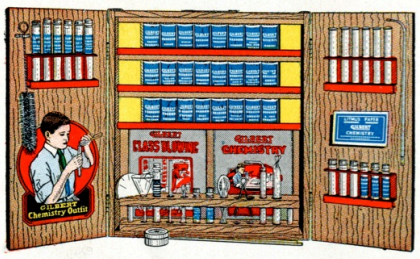
A laboratory set for the beginner. Make fire ink, dye cotton cloth, fire-proofing experiments, explains why silver tarnishes, etc. 25 pieces of chemicals and apparatus, 18" of metal shelf room and wooden test tube rack. 151 experiments all explained in big instruction book. Packed in basswood laboratory cabinet, size open, 19¾" x 8⅞" x 2½". 12 to carton, weight 26 lbs.

Below—**No. 3 INTERMEDIATE CHEMISTRY LABORATORY**



With this great outfit for the amateur chemist you can clean silverware electrically, make ammonia, bleach and dye all sorts of things, etc. These are only a few of the 345 experiments that you can do with the 49 pieces of chemicals and apparatus all described in big manual. Has three feet of metal shelf room and test-tube racks. Packed in two-door Basswood laboratory cabinet. Size 19¾" x 14⅝" x 2¾". 4¼ lbs. 6 to carton, 27 lbs.

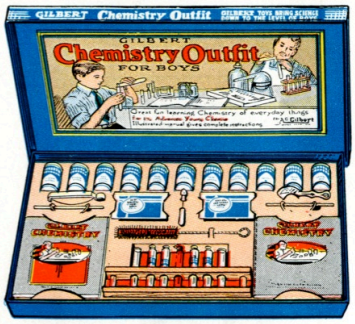
Below—**No. 6 SENIOR CHEMISTRY LABORATORY**



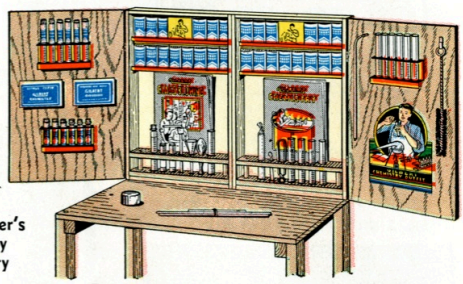
Imagine making colored fire! Testing foods for their elements! Making real cement! Making sparklers, soda water! Tanning leather!! All are easily done with this combination Chemistry and Glass Blowing Outfit. 63 pieces of Chemicals and Apparatus including chemistry manual and glass blowing manual. Packed in two-door Basswood laboratory cabinet with five feet of metal shelf room and test-tube racks. More than 400 exciting chemical feats. 26" x 14½" x 2½". 5½ lbs. 6 to carton, 35 lbs.

No. 2½ CHEMISTRY—Explorer's Set

A more advanced outfit. Shows how to make various colored inks, detect fingerprints, how to make dyes, charcoal, mend chinaware, etc. These are just a few of the 187 experiments shown in two instruction books. Contains 28 pieces of chemicals and apparatus including wooden test tube rack. Packed in colored cardboard box, size 20½" x 13½" x 1¼". 6 to carton, 17 lbs.



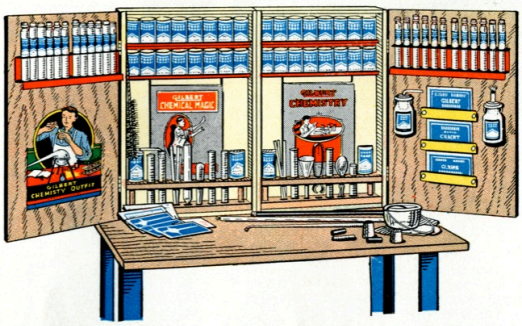
COMPLETE DESK TYPE LABORATORY OUTFITS



Right—**No. 8 Experimenter's Chemistry Laboratory**

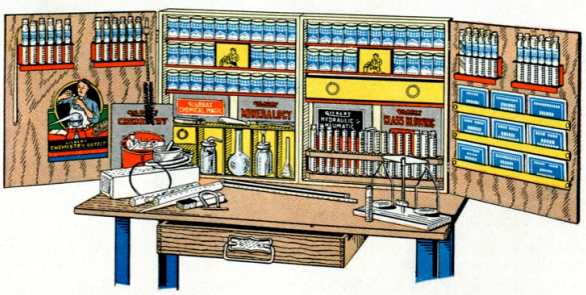
76 pieces of chemicals and apparatus and equipment including scales and over five feet of metal and wood shelf room and test-tube racks. Convenient to sit at and perform nearly 500 fascinating experiments. Glass Blowing and Chemistry manuals. 39" x 37½" x 14½". 1 to carton, 18 lbs.

Below—**No. 14 INVENTOR'S CHEMISTRY LABORATORY**



Rows and rows of chemicals at your fingertips. With this laboratory you can delve into the wizardry of chemical magic. 100 chemicals and pieces of apparatus including scales and three big books describing over 600 experiments in chemistry, glass blowing and chemical magic. Laboratory is mounted on a table with wooden legs. Easy to sit down to. Finished in Basswood with hardwood veneer table-top. 7½ ft. of test-tube racks and shelf room. Stands 40¾" high, 39" wide, table-top 14½" deep. 1 to carton, 22 lbs.

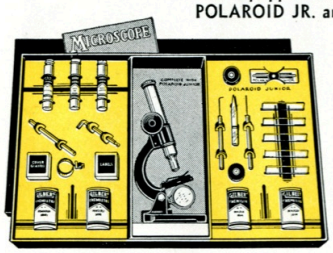
Below—**No. 25 MASTER SCIENTIST'S CHEMISTRY LABORATORY**



This unrivaled desk type laboratory is the finest set made for the student or young scientist. Over 130 pieces of chemicals, apparatus and equipment including 4 big manuals covering Chemistry, Chemical Magic, Mineralogy, and Glass Blowing. Also scales, beaker, flask, alcohol lamp, gas generator, thermometer, etc. Contains over 9 ft. of shelf room and wooden test-tube racks. Drawer Made of Basswood, hardwood veneer table-top with wooden legs. Convenient to sit at and perform over 800 experiments. Many of these experiments never before offered in experimental chemistry, dry-ice experiments, artificial refrigeration, ethyl gas, lacquers, paints and water colors, testing of foods, electrochemistry, electro-plating, electrotyping, etching, electrolysis and many others too numerous to mention. Stands 40½" high, 51½" wide, table-top 14½" deep. 1 to carton, 26 lbs.

GILBERT MICRO-CHEMISTRY

All Gilbert Micro-Chemistry Sets now equipped with famous POLAROID JR. an exclusive feature



No. 5 GILBERT MICRO-CHEMISTRY

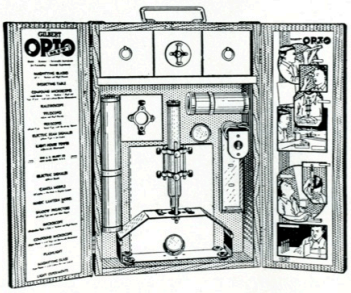
Microscope with Polaroid Jr. and chemicals and apparatus for performing 165 Micro-Chemistry experiments explained in manual. 23 pieces of chemicals and apparatus including dissecting needle, tweezers, slides, specimens, etc. Microscope has high resolving power that magnifies 200 times and is equipped with adjustable mirror, and Polaroid Jr. feature. Packed in colored labeled cardboard box. Size 10" x 15¾" x 2¼". 6 to carton, weight 17 lbs.



No. 7 GILBERT MICRO-CHEMISTRY

Microscope with Polaroid Jr. Scope has high resolving power, magnifying 50, 90 and 210 diameters. Chrome plated tube, focusing wheel, rack and pinion focusing and draw tube. 38 pieces of apparatus, chemicals and equipment including slides, specimens, stains, dissecting kit, large dissecting piece with magnifying lens and illustrated manual showing how to do 213 experiments. In cardboard box size 18" x 10" x 2½". 6 to carton, weight 28 lbs.

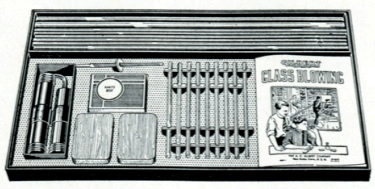
LABORATORY TYPE OPTO KIT



No. 5 GILBERT OPTO KIT

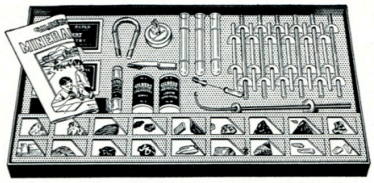
Redwood Cabinet

Over 50 instruments and experiments can be made from this set including various types of magnifying glasses, microscopes (compound and simple) of various powers, Kaleidoscope, Telescopes, Periscopes, Signaling Device, Camera models, Magic Lantern, Shadow Projectors, Flashlight and a series of fascinating and interesting experiments with light. Complete apparatus and all necessary parts to build genuine serviceable instruments for numerous fascinating and scientific experiments. Attractively packed in laboratory type redwood box. Size 14¾" x 10" x 3¾". Weight 6 lbs. 3 to carton, 20 lbs



No. 2 GLASS BLOWING

31 pieces of glass tubes, equipment and apparatus including a constant self-generating alcohol blow torch and 64-page manual showing how to do 80 experiments in glass blowing including how to build a submarine, syphons, levels, air gun, magical experiments, etc. 18" x 10" x 1⅜". 2 lbs. 6 to carton, 14 lbs.



No. 2 MINERALOGY

45 pieces of minerals, equipment and apparatus including blow pipe, assortment of minerals with manual of instructions showing how to analyze, test and identify various minerals. 18" x 10" x 1⅜". 1¾ lbs. 6 to carton, 12 lbs.

GILBERT OPTO KITS

Complete apparatus and all necessary parts for building GENUINE, SERVICEABLE SCIENTIFIC INSTRUMENTS



Imagine the thrills boys will get building

MAGNIFYING GLASSES (Low, Medium and High Power)

DISSECTING TABLE

COMPOUND MICROSCOPES (with Mirror)—Low, medium, high and super power—(with and without electric illumination)

KALEIDOSCOPE

TELESCOPES (High and Low Power)

PERISCOPES (Hand Type—Stand Type with Revolving Mirror)

ELECTRIC BEAM SIGNALER (Helio Type—for Code)

LIGHT-HOUSE TOWER (Electrically Illuminated)

ELECTRIC SIGNALER (Blinker Type)

CAMERA MODELS (Copying—Pin Hole—Regular Lens)

MAGIC LANTERN MODEL SHADOW PROJECTORS (Ceiling Type and with Glass Stage)

MICROSCOPE (Projection Type) (Low, Medium and High Power)

COMPOUND MICROSCOPE (Super Power—with Stage and Electrically Illuminated for color screens)

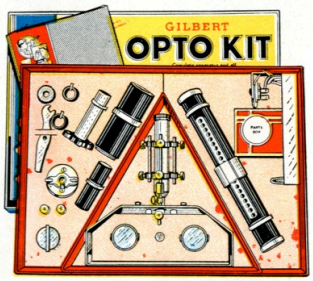
FLASHLIGHT

MAGNIFYING GLASS (Low Power—with Camera Box and Lamp)

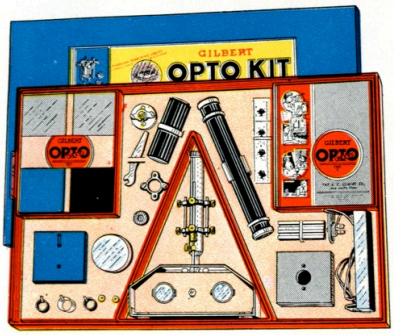
LIGHT EXPERIMENTS

No. 3 Gilbert Opto Kit

New, sensational, fascinating. Complete apparatus and all necessary parts for building genuine serviceable scientific instruments. Builds 22 different instruments, one after another, such as various types of magnifying glasses, Microscopes, Compound Microscopes, Dissecting Table, Kaleidoscopes, Telescopes, Periscopes, Signaling Device, together with instructions for various experiments. Packed in colored cardboard box, size 13⅜" x 9⅝" x 2¾". 2½ lbs. 6 to carton, 17 lbs.



Right—
No. 6 GILBERT OPTO KIT



Complete apparatus and all necessary parts to build genuine serviceable instruments for numerous fascinating and scientific experiments. Over 50 instruments and experiments can be made from this set, including various types of magnifying glasses, microscopes (compound and simple) of various powers, Kaleidoscope, Telescopes, Periscopes, Signaling Device, Camera models, Magic Lantern, Shadow Projectors, Flashlight and a series of fascinating and interesting experiments with light. Attractively packed in colored cardboard box, size 20½" x 13¼" x 2¾". Weight 5 lbs. 3 to carton, 17 lbs.

GILBERT TOOL CHESTS

STEEL CABINETS



above—**No. 1 CABINET**

The Jim Dandy. Contains 10 pieces for the young carpenter. Packed in blue metal carrying case, with brass handle and suit case catches Size 14¼" x 8¼" x 2⅜". 3¾ lbs. 12 to carton, 47 lbs.

at right—
No. 2
CABINET



Packed in red metal carrying case with brass handle. Attractive 4-color label on inside and outside cover. Contains 18 useful tools. Size 16¼" x 8¼ x 2⅜". Weight 5¼ lbs. 6 to carton, 34 lbs.



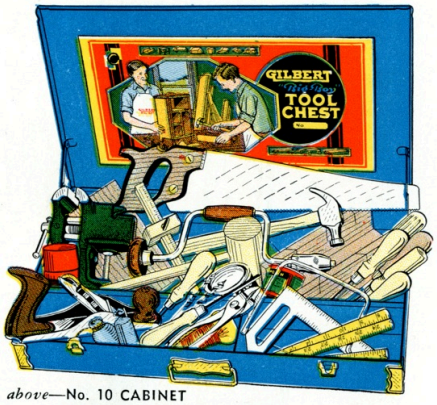
above—**No. 3 CABINET**

16 pieces in green metal carrying case with brass handle and suit case catches. Attractive label on cover. Size 17¼" x 9¼" x 3". 8½ lbs. 6 to carton, 53 lbs.



left—**No. 5 CABINET**

16 pieces of better-grade tools for the young carpenter. 16" crosscut saw, 7" Die Cast Plane, Brace with 2-Jaw Screw Chuck. Assembled in blue metal carrying case with brass handle. Size 18¼" x 10¼" x 3". 9 lbs. 6 to carton, 56 lbs.



above—**No. 10 CABINET**

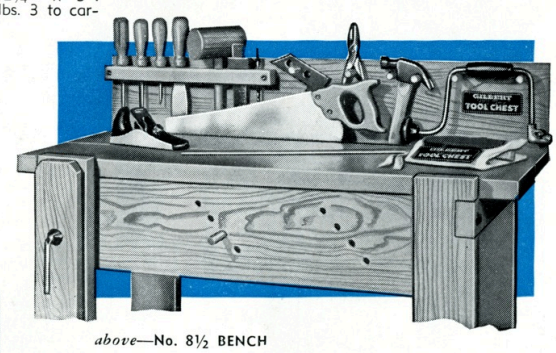
Household Treasure Chest. Packed in blue metal carrying case, brass handle, reinforced corners and suit case catches. Contains 30 pieces including 16" crosscut saw, Scroll Saw, Chisels, Drills, 9" Plane, Metal Vise, Soldering Iron, 2-Jaw Screw Chuck Brace, etc. Size 22¼" x 13¼" x 2⅞". 1 to carton, 21½ lbs



left—**No. 6 CABINET**

Handy Set. 22 pieces of real practical tools—16" Saw, large brace, 2-Jaw Screw Chuck, Hammer, 9" Plane, Level, etc. Red metal carrying case, brass handle, reinforced corners, suit case catches. Attractive label on cover. Size 20¼" x 12¼" x 3". Weight 15 lbs. 3 to carton, 47 lbs.

BENCH TYPE MODELS

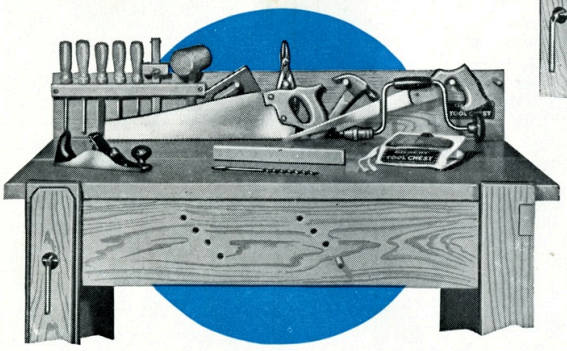


above—**No. 8½ BENCH**

New, Modern, Improved bench with wood top, tool rack and legs. 15 useful tools Wood vise grip Assembled stands 30½" high 32" long and 15¼" wide Disassembled for shipping. Finish natural wood. 1 to carton, 20 lbs.

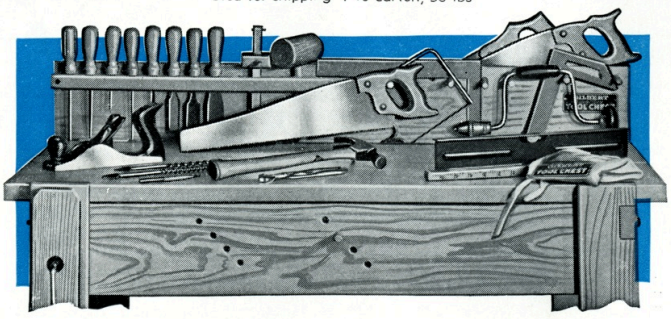
left—**No. 12½ BENCH**

New, Modern, Improved bench with wood top, tool rack and legs. Wood vise grip, 16" cross cut saw, chisels, hammer, die cast plane, brace and bit, etc 17 useful tools in all. Finish natural wood. Assembled stands 32" high, 38" long, 21" wide. Disassembled for shipping 1 to carton, 36 lbs



right—**No. 25½ BENCH**

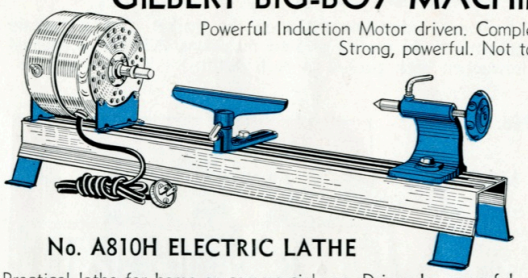
New, Modern, Improved Bench with wood top, tool rack and legs, wood vise grip, 16" Crosscut Saw, Rip Saw, Level, Chisels, Plane, Apron, Bits etc 26 useful tools in all. Finish natural wood. Assembled stands 35" high x 42" long x 22¼" wide. Disassembled for shipping. 1 to carton, 44 lbs.



ALL TOOLS SUBJECT TO CHANGE WITHOUT NOTICE

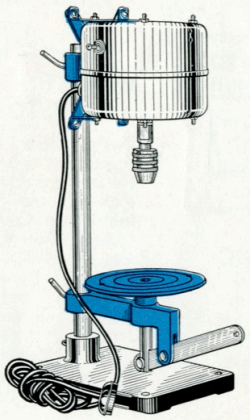
GILBERT BIG-BOY MACHINE TOOLS—*Real He-Man Type*

Powerful Induction Motor driven. Complete units or separate belt drive for use with independent motor. Strong, powerful. Not to be confused with toy type having little power.



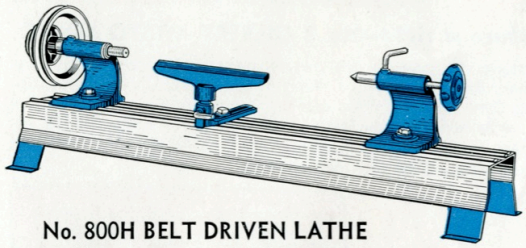
No. A810H ELECTRIC LATHE

Practical lathe for home or commercial use. Driven by powerful Gilbert induction Motor operating on 110 volts, A.C. only. Toggle switch control. Turns 1750 R.P.M. Motor spindle threaded to accommodate face plate and standard chuck. Spindle fitted with ball thrust bearing. 24" heavy gauge steel bed with embossed ways to insure accuracy. 5" swing. Complete with tool rest, tailstock, wrench, chuck and spur center, cord and plug cap. Sliding Tailstock, face plate purchased separately. Finished in nickel and blue. Weight 16 lbs. 1 to carton, 18 lbs.



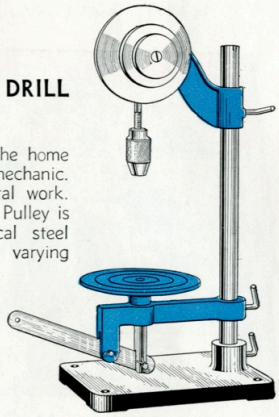
No. A808 MOTOR DRIVEN DRILL PRESS

Adaptable for wood or metal work. Powered by 110 volt Induction motor, operates A.C. 60 cycles only. Toggle switch control. Motor mounted on rigid steel tube, adjustable to varying heights. Cast iron table, 5" diameter. Thrust taken up by ball thrust bearing. Lever action control of table. Complete with chuck which takes up to ¼" drill. Standard cord and plug cap. Weight 18 lbs. 1 to carton, 21 lbs.



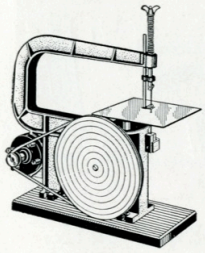
No. 800H BELT DRIVEN LATHE

Rigid 24" heavy gauge steel bed with embossed ways to insure accuracy. Drive through 3-step V pulley mounted on headstock. 5" swing. Threaded spindle end fits Gilbert face plate and chuck. End thrust taken up by ball thrust bearing. Complete with headstock, tailstock, sliding tool rest, chuck and spur center and wrench. Face plate purchased separately. Weight 10 lbs. 1 to carton, 12 lbs.



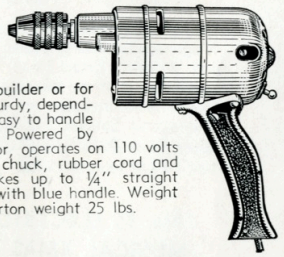
No. 804 BELT DRIVEN DRILL PRESS

Dependable equipment for the home craftsman or skilled shop mechanic. Adaptable for wood or metal work. Drive through 3 step pulley. Pulley is arm suspended from vertical steel tube and adjustable to varying heights. 5" diameter cast iron table with lever action control. Complete with chuck which takes up to ¼" drill. Weight 11 lbs. 1 to carton, 12 lbs.



No. 10 GILBERT JIG SAW

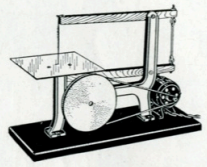
Big, sturdy, powerful and speedy. Cuts with absolute precision. C frame with reinforced cross sections, 6½" square steel work table, spring tension on saw, instantly adjusted, adjustable presser foot for holding work in position. Roll guide protects saws against breakage. Cast iron drive wheel, one side scored for attaching sandpaper discs for smoothing work. 110v. Universal Motor, A.C. or D.C. with simple oscillating motion having minimum vibration. Motor encased in heavy shell, rigidly mounted to C frame. Finish blue and black. Size 6⅝" x 17" x 17". Weight 19 lbs. 1 to carton, 23 lbs.



No. B 144 HOBBY DRILL ELECTRIC MOTOR DRIVEN

Just the Tool for the model builder or for household use. Small, light, sturdy, dependable. Gets into Tight places. Easy to handle for steel, metals or wood. Powered by famous Gilbert Universal motor, operates on 110 volts A.C. or D.C. Complete with chuck, rubber cord and plug cap, toggle switch. Takes up to ¼" straight shank drills. Finish aluminum with blue handle. Weight each 3½ lbs. 6 to carton, carton weight 25 lbs.

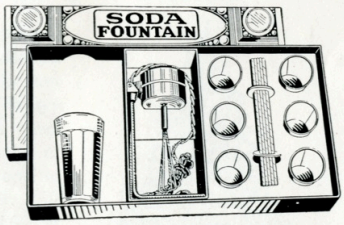
No. 5 MOTOR DRIVEN JIG SAW



Fast cutting with vibration reduced to minimum. Uses a 6" loop end saw, actuated by hardwood rocker arms. Simple crank type oscillating motion, belt drive. 6½" square steel work table and adjustable saw tension. Rugged cast-iron frame. Iron drive wheel has sandpaper disc for smoothing work. Driven by 110 volt Universal Motor operates A.C. or D.C. Toggle switch control. Complete with cord and plug cap. Saw blade travels approximately 1000 cutting strokes per minute. Finish blue and black. Size 6½" x 15½" x 11¾". 1 to carton, 10 lbs.

At right—No. 2 SODA FOUNTAIN

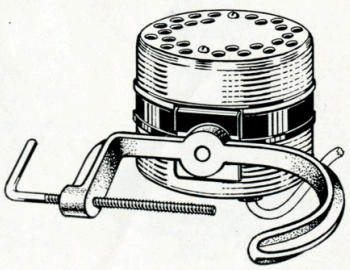
Motor driven outfit for mixing drinks and light liquids. A miniature soda fountain adaptable for children's use in playing store. Contains 6 paper cups, cellophane straws, mixing receptacle. Induction motor, 110 volts, A.C. only. Cord and plug cap. Rugged construction. Nickel-plated agitator, detachable for washing. Labeled cardboard box. Size 18" x 10" x 3⅜". 6 to carton, 27 lbs.



No. 2 GILBERT CHRISTMAS TREE TWINKLER

New Sensational Device, consisting of Electric Motor with Vibrator Attachment

Clamps on any Christmas tree and gently vibrates tree causing tinsel, cellophane and other trimmings to vibrate, glitter and shimmer giving waterfall effect and producing animation that is unsurpassed. Does not affect ornaments or lights. Carton contains window or counter card with compelling sales message. This device should be demonstrated by attaching to a Christmas tree to obtain maximum sales. Demonstration draws crowds and creates buyers. Motor operates on 110 volts, 60 cycles A. C. only. Non-radio interfering. Packed in attractively colored folding box 7" x 5" x 3¼". 6 to carton, wgt. 16 lbs.



No. 3 GILBERT CHRISTMAS TREE TWINKLER

Same description as above except operates on 110 volts, D.C. only. Individually packed, 3 lbs.

GILBERT MYSTO MAGIC SETS



The greatest assortment of magic tricks on the market. Outfits contain secrets and apparatus of the world's greatest magicians. All tricks explained in detail in instruction book packed in each outfit.

Below—No. 4
GILBERT MYSTO MAGIC

All different tricks—not contained in any other set—such as the Dream of Midas, Great Ball of Wool Trick, Okeito Coin Trick, Passe Passe Coin Trick, and many others of the world's most renowned magic tricks. Size 20⅝"x13⅜"x1¼". Weight 2 lbs., 1 oz. 6 to carton, 15 lbs.

At left— No. 1
GILBERT MYSTO MAGIC

Twelve clever tricks for the pocket or stage. Simple and easy to perform, including the Mysterious Multiplying Coin, Buddha Money Mystery, Mysterious Topsy-Turvy Match, Galloping Dime, Hiding Chessman and others. Complete manual of instructions. Size 18"x10" x1¼". Weight 2 lbs. Packed 12 to carton, carton weight 15 lbs.



Above at right—No. 3 GILBERT MYSTO MAGIC

Contains 18 startling and mystifying magic tricks: Multiplying Billiard Balls, Mysterious Linking Rings, Hiding Chessman, Galloping Dime, Svengali Mind-reading Wonder and many others. Can be performed anywhere from drawing room to stage. Simple, effective, mysterious, up-to-date. Size 20⅝"x13⅜"x1¼". Hinged cover. Weight 2 lbs. 6 to carton, 14 lbs.

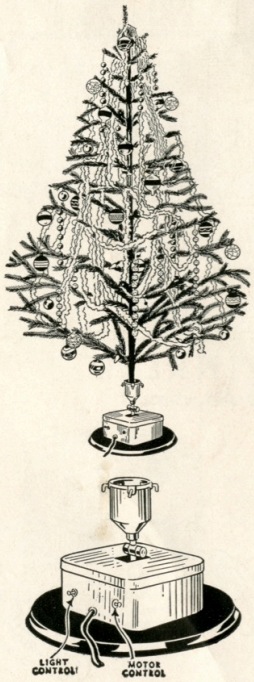


At right—No. 5—GILBERT MYSTO MAGIC

Contains an assortment of mystifying tricks of the World's Greatest Magicians including Passe Passe Bottle Trick, Svengali Mind-reading Wonder, Drum Head Tube Trick, Mystifying Card Tricks, all explained in three manuals of instructions that come with this set. Outfit also includes an assortment of Handkerchief Tricks and Knots and Splices. Packed in heavy cardboard box with hinged cover. Size 20⅝"x13⅜"x2½". Weight 4¾ lbs. Packed 3 to carton, carton weight 16 lbs.



No. 15 ELECTRIC MOTOR DRIVEN MUSICAL XMAS TREE TURNTABLE



Completely assembled supporting stand. Circular wood base, mahogany finish, four rubber feet, metal housing enclosing all mechanism. Sturdy 110-volt motor with ample power to revolve 6 to 8 foot tree fully trimmed, attached to base with upright revolving spindle. Will revolve evenly balanced load up to 100 lbs. when bulk weight is centralized directly over spindle. Removable tree socket with three thumb screws to securely fasten butt of tree. Waterproof tree socket fits snugly on to spindle. Music box assembled to base, plays two tunes. Double socket bakelite plug outlet takes 2 strings of 8 regular Xmas tree bulbs providing for 16 lights. Two special switches, one for lights, other for motor control. Complete assembly one of sturdiness and stability, base being 16" in diameter and height overall 10" Richly finished in wrinkle green and brown. Ideal for the home. Lasts for years, also especially adaptable for window or counter display. Induction motor operating on 110 volts, 60 cycles, A.C. only. Weight 11 lbs. Individually packed, 14 lbs.

GILBERT PUZZLE SETS



Above—
No. 1032 GILBERT PUZZLE SET

21 fascinating puzzles. Instruction book giving details as to solution. Packed in four color labeled carton. Size 10"x18"x¾". Weight 1¼ lbs. 12 to carton, 23 lbs.

Listed only—**No. 1031½ PUZZLE SET**

13 puzzles assembled in four color label carton. Complete manual of instructions. Size 9½"x13½"x ¾". Weight 1 lb. Packed 24 to carton, carton weight 26 lbs.

Listed only—**No. 1031 PUZZLE SET**

Seven interesting puzzles assembled in four colored label box with manual of instructions included. Size 10"x8⅝"x½". Weight 8 oz. 36 to carton, 30 lbs.