

• New Machines and Gadgets •

For sources of more information on new things described, send a self-addressed stamped envelope to SCIENCE SERVICE, 1719 N St., N.W., Washington 6, D. C., and ask for Gadget Bulletin 819. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

☛ **PREFAB CHIMNEY** made of striated aluminum sheet looks like wire-cut brick. Complete with an extension that resembles a flue tile, the chimneys are available in three sizes: a single housing 18 by 18 inches square, a rectangular housing 18 by 36 inches, and a double housing.

Science News Letter, February 25, 1956

☛ **DRAFTING MACHINE** is an imported, Swedish-made instrument for performing any graphic operation requiring a T-square and triangle. The steel and plastic device holds any angle and its complement. The protractor head reads from 90 through 0 to 45 degrees with automatic quick-set lock every 15 degrees.

Science News Letter, February 25, 1956

☛ **CONCRETE REPAIR** material of latex-cement is designed for the do-it-yourself patching of cracks or holes in walls, concrete or cement floors, walks, etc. The kit includes ten pounds of the cementing material and setting agents, plus a quart of milk-white liquid rubber latex.

Science News Letter, February 25, 1956

☛ **PULL TOY** known as Happy the Horse, shown in the photograph, is designed for



toddlers. With no sharp or rough edges, the polyethylene plastic animal is an arrangement of hearts, ABC's and hollow balls that serve as wheels. As it is pulled, bells in the wheels tinkle.

Science News Letter, February 25, 1956

☛ **TOASTER ACCESSORY** keeps buns, cookies, crackers and toast warm at the table. The stainless steel tray fits most pop-up toasters, and is placed atop the toaster.

Science News Letter, February 25, 1956

☛ **ELECTRAULIC LIFTER** for one-man operations has a load capacity of 1,000 pounds. Equipped with a $\frac{3}{4}$ horsepower motor, the lift height is five feet, eight inches. The lift speed is 15 feet per minute. The 455-pound lifter has a 24-by-24 inch platform.

Science News Letter, February 25, 1956

☛ **PIANO ACCORDION** molded of styrene plastic is a junior-sized model toy. There are 52 hand-tuned brass reeds controlled by nearly an octave and one-half of piano keys on the treble side, and bass buttons for two single notes and two chords. It comes with carrying-case and instruction book.

Science News Letter, February 25, 1956

☛ **RADIAL ARM SAW** for the home workshop is a nine-inch portable power saw that operates on a $\frac{3}{4}$ horsepower motor. The saw is described as capable of ripping beyond the center of a 48-inch panel, cross-cutting a one-by-15-inch board and cutting two and one-half inches in depth. It has a dual voltage motor and a turret arm.

Science News Letter, February 25, 1956

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Do You Know?

More than 30 pounds of aluminum are used in each automobile.

The average person eats his weight in food every six to eight weeks.

The three most important varieties of symptoms and signs associated with brain tumors are headaches, fits and disturbances in speech.

The nation's coal resources are estimated to be over 2,000 billion tons, and a substantial share of these resources are located in the states adjoining the upper Ohio River.

Benjamin Franklin conceived the idea and established the first permanent subscription library, mother of all free circulating libraries, and he assisted an organized campaign to establish the Pennsylvania Hospital for the sick and insane.

In 1955, mice replaced rats as the nation's foremost animal pest.