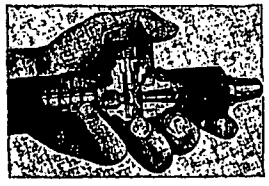
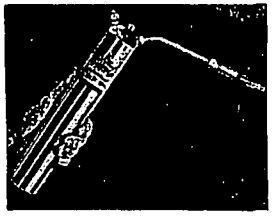
Equipment *Continued*

lined, and precision-bored crank bearings of steel-backed babbitt without liners are used in connecting rods. Standard capacities on air-conditioning work range from 17½ to 53 tons. Machines are furnished complete with main-line stop valves, safety valve, set of V-belts, grooved wheel and motor pulley, oil-pressure gage, initial charge of oil, oil strainer, and scale trap. **Frick Co, Waynesboro, Pa.**



Hose Valve E115

PAUL HOSE VALVE operates without springs and has only two moving parts, the operating plunger and controlling ball. Hose nozzle is discharged by pushing a button. This causes a plunger to roll the ball off its seat, giving instant full flow. At 50-psi hose pressure, less than 10-lb finger pressure opens the valve. When button is released, differential pressure forces the ball into valve throat, closing valve and raising pushbutton plunger. Unit is available for standard hose size from ¼ to 1 in., delivering up to 13 gpm at 75 psi. Nozzle is made entirely of monel, and the body is rubber-coated to prevent scratching interior surfaces of tanks or other equipment. One model is fitted with a threaded replaceable nozzle that adapts the valve for use with long extension nozzles. **Paul Valve Corp, 683 Third Ave, New York, N. Y.**

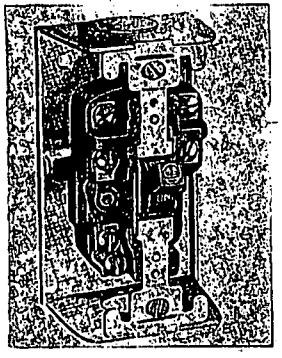


Heating Torch E116

CROWN TORCH is for soldering, brazing and heating operations. Torch is completely self-contained and burns butane or propane gas. It has eight full hours of burning time and produces a flame of 3800 F. Made of 16-gage seamless brass tubing, the torch has a pressure capacity of over 2200 psi, but operating pressure with butane or propane gas is 90 to 150 psi. Device is 12 in. long, 2¼ in. in diameter, and weighs 2½ lb when full. Features include fingertip control of flame size and temperature and an all-in-one tip that eliminates need for tip changes. **Sully Engrg Ltd, 7416 Melrose Ave, Los Angeles, Calif.**

Vacuum Cleaner E117

RUGGED CONSTRUCTION, self-contained filter system features this all-purpose industrial vacuum cleaner. Four 5-in. dia wheels carry the tank-type cleaner, made of 16-gage steel. A 1½-hp motor mounts in the bottom with a 30-ft primary extension cord that permits 2700-sq-ft coverage from a single outlet. **Ideal Industries, Inc, 1025 Park Ave, Sycamore, Ill.**



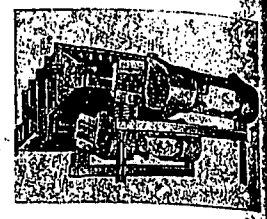
Motor-Starting Switch E118

THIS MANUALLY OPERATED SNAP SWITCH, *Bulletin* 600, starts motors of 1 hp or less. It has an overload device that operates on soldered ratchet principle. It is impossible to hold the switch closed under sustained overloads, but can be reset easily, with regular switch lever, after overload is cleared.

The switch unit can be furnished without enclosure for mounting in a standard switch box. Various kinds of enclosures are available. **Allen-Bradley Co, Milwaukee, Wis.**

Protective Coating E119

SIKA-SEAL adheres to and protects wet or dry surfaces. The mixture is composed of blends of specially treated high-grade asphalt, plasticizing and adhesive compounds brought to the proper point of consistency with solvents. It does not contain tar and is not an emulsion. Manufacturer says it prevents penetration of water or dampness and seals pores and hairline cracks. **Sika Chemical Corp, 35-49 Gregory Ave, Passaic, N. J.**



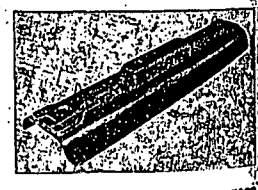
Vibrating Grizzly Feeder E120

UNIT, specially designed for large capacity separation of crusher feeds, has heavy-duty magnetic vibratory grizzly feeder. Feeder is available in different sizes and styles, either single or double magnet with the magnet mounted above or below the deck. All designs feature variable control of rate of feed and with either full or partial grizzly decks. Operation is normally on 220- or 440-v ac, but small models can be operated on 110-v ac. **Syntron Co, Homer City, Pa.**

Floor Resurfacer E121

FLOOR PATCHING and resurfacing of concrete, stone, brick and composition floors can be made and be ready for traffic within 18 hours of repair, claims its manufacturer. *Trowel-In* comes as a complete unit with resurfacer, primer and drier in separate containers for easy application in any quantity.

Material bonds in without chopping out old flooring, and in ⅜ in. thickness does not raise floor level appreciably, states the maker. **Flexrock Co, Filbert and Cuthbert Sts, Philadelphia 4, Pa.**



Fluorescent Fixture E122

DESIGNATED AS THE HF-100, this fluorescent fixture has a new weatherizing finish that makes it highly resistant to rust, corrosion and pitting. This process materially pro-

(*Continued on page 154*)

Use convenient reply cards on page 176e to secure additional information on these new equipment items. Please be sure to identify your request with the new-equipment key letter, E, and number, as shown on the items above.

