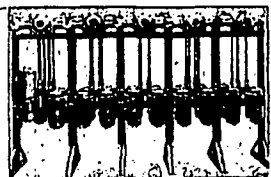


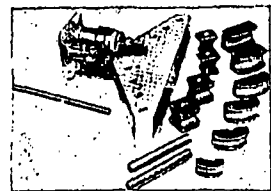
NEW EQUIPMENT CONTINUED

makes a hard wearing surface. Tungrod employs tungsten carbide particles from 40 screening down. Dept 647, American Brake Shoe Co, 230 Park Ave, New York 17, N. Y.



Control Equipment E448

THIS ASSEMBLED explosionproof control equipment is suitable for refineries, utilities and other industries where safe, dustproof and waterproof conditions are of primary importance. Assembly includes junction boxes, sealing fittings, and combination starters, all in explosionproof, weatherproof, watertight and dustproof housings. Typical installation is the assembly of five motor-control groups, each providing complete control for four motors. Above illustration shows plan and end view on an 8-motor unit control group. Electro Mechanical Devices Co, 49 Selden, Detroit 1, Mich.



Pipe Bender E413

LIGHTWEIGHT PORTABLE TOOL can be used to bend pipe right on the job. Combined weight of the jack and frame is only 83 lb. The 30-in. steel frame is electrically welded and heavily reinforced. It comes complete with 1, 1 1/2, 2 and 2 1/2-in. dies. Hydraulic jack is removable and can be used for other jacking jobs. Electric Cord Co, 30 Church St, New York 7, N. Y.

Centrifugal Pump E449

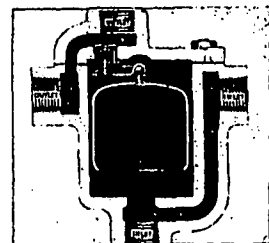
DESIGNED WITH SPLIT CASING for easy inspection and maintenance this pump is available in capacities of 650 gpm with 260-ft total discharge head or 300 gpm for 320-

ft total discharge head. About 50-hp motor or steam turbine operating at 3450 rpm is needed with each pump.

Splitting gland permits easy repacking and gland replacement without dismantling pump. Discharge may be turned in eight different directions without relocating packing glands. Pump casing is available in most any castable alloy, such as stainless steel, monel, Nicrosil, in addition to the usual iron, steel, bronze, aluminum and nickel. Dean Mill Pump Co, 4000 East 16th St, Indianapolis 7, Ind.

Rust Preventive E425

SMALL QUANTITY of RD-119 in petroleum products puts an invisible polymolecular protective layer on metal surfaces. It is so effective as a rust and corrosion-proof coating for storage tank, pipeline and diesel service, maker claims, that 2.5 gal in 42,000 gal of petroleum product gives protection. Sinclair Refining Co, 630 Fifth Ave, New York, N. Y.



Steam Trap E412

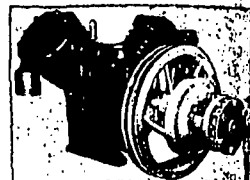
CLARK 60 STEAM TRAP is furnished with various-sized seat orifices for working pressures up to 150 psi and temperatures up to 375 F. This small inverted-bucket type trap embodies such features as a positively-seating guided disk, which is free-swinging and self-aligning, and operates with minimum friction. Disk always remains centered with seat opening. Inlet and outlet can be piped up either vertically or horizontally, making the trap adaptable to any pipe arrangement. Clark Mfg. Co, Cleveland, Ohio.

Multi-Purpose Grease E441

IN MANY PLANTS X-5 is used as a general lubricant, decreasing time between applications as well as serving a wide variety of uses. This grease does not combine with water and changes but little in temperatures up to 400 F. Economy results from the fact that this grease does not thin or drip from bearings. Freedom-Volvoline Oil Co, Freedom, Pa.

Wire Stripper E446

A SIMPLE TWIST AND PULL is all that is required to strip insulation from No. 12 to No. 22 solid or stranded wire with this Quick-Strip wire stripper. The tool has a round, hardened blade attached to a plastic handle available in various colors. Blade contains three slots to accommodate and strip various-sized wire; fourth slot cleans wire. Tool removes not only rubber, fabric or plastic insulation, but cuts and removes braided wire shielding used on microphone cable. Dept FT, Jaco Products Co, 6408 Euclid Ave, Cleveland, Ohio.



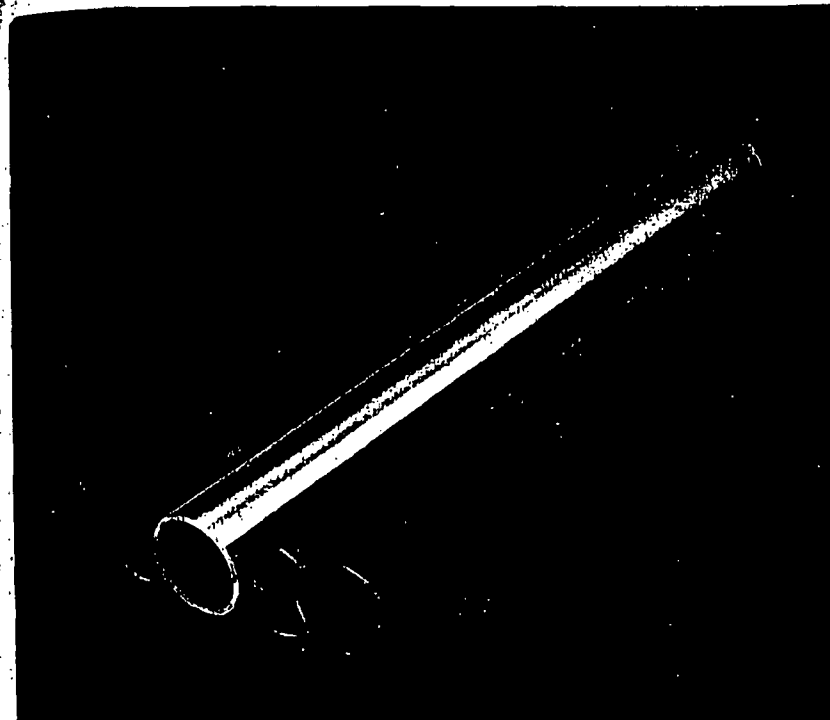
Air-Compressor Clutch E440

INTENDED FOR HEAVY-DUTY USE, this completely automatic clutch requires no attention from operator. Air pressure acts on a diaphragm to disengage the clutch, starting and stopping at any desired maximum or minimum pressure. Easily accessible at all times, the clutch may be mounted with the air compressor at outer end of power unit output shaft and driven by a V-belt pulley on output shaft. Friction lining wears up to a full 1/2 in. before replacement is necessary. Wichita Falls Foundry & Machine Co, Wichita Falls, Texas.



Diesel Engines E473

FOUR LARGER ENGINES for industrial power, diesel-electric sets and marine applications have been added to maker's line. Cylinders have full dimensions are 5 1/2 x 8 in. Units have full-load speed range of 800 to 1200 rpm and a 60-deg "V" arrangement of either 8 or 12 cylinders. Models are as follows: D397, a V12 engine with blower (illustrated), maximum output 500 hp, rated output 430 hp and continuous output 400 hp; D386, a V12 engine, maximum output 400 hp, rated output 360 hp and continuous



REVERE detects VIBRATION at a distance

DO you know that vibration can be present in the tubes of a condenser, though not perceptible in the shell? Putting the palm of your hand on a condenser is not a good test for destructive vibration. The best test is one carried out in the Revere Research Laboratory in Rome, N. Y., which makes a microscopic examination of the metal as a part of its work in determining causes of tube failure. If vibration contributed to short life, this examination will show it. Vibration accelerates corrosion in several ways. The alternating stresses in time produce cracks across the grain of the metal, weakening it and giving corrosive fluids more points to attack. Vibration also breaks or disrupts or disturbs the thin film on the surface of the metal that protects it and helps reduce the rate of corrosive attack. Of course vibration is but one

of a number of factors influencing the service life of condenser tubes, and so when tube life is questioned we always suggest that samples from failed tubes be sent to us. We may be able to help you, as we have others, with suggestions that should materially extend the period between re-tubings.

REVERE COPPER AND BRASS INCORPORATED

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