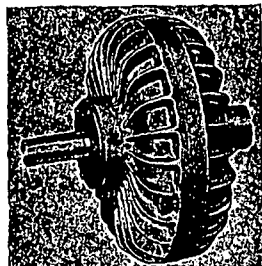


NEW PLANT EQUIPMENT



High-Pressure Valve

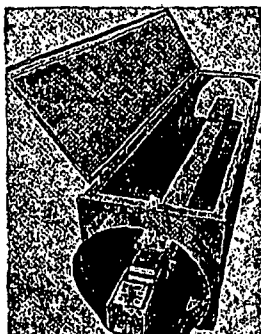
SHUTOFF VALVE has induction brazed joints that are capable of withstanding pressures up to 20,000 psi. Valve is for systems operating up to 5000 psi. Device features a poppet valve threaded to match the valve stem whose movement is rotary. Turning the valve stem moves poppet toward its seat and makes a perfect seal upon contact. Both seat and poppet are readily replaceable. Working parts can be disassembled without removing valve from panel or manifold. Finger-tip control turns the handle. All parts are of corrosion-resistant materials, properly treated for long life. Greer Hydraulics, Inc., 454 18th St., Brooklyn 18, N. Y.



Hydraulic Coupling

CARTRIDGE-MOUNTED SHAFT BEARINGS are designed as an integral part of a hydraulic coupling. Shaft-end bearings in the coupling assure permanent shaft alignment, prevent shaft play, possible damage to neoprene bellows seals and subsequent oil leakage. Extra large bearings easily carry combined radial and thrust loads as well as positively align runner and impeller elements. Straight radial vanes of the coupling make possible operation in either direction with equal efficiency. Low inertia of im-

PELLER and runner facilitates quick stops and reversing duty. The drive is available in 8.5 in. size up to 5 hp, and 9.5 in. up to 7 1/2 hp. Drive makes it possible to use an electric motor of correct size to operate a given load at normal running speed; starts at virtually no-load and gradually accelerates the driven machine to speed. CraneVeyor Corp., 1240 S Boyle Ave., Los Angeles, Calif.



Enclosed Electrical Bus

AN ALUMINUM-ENCLOSED, isolated-phase bus is available for 15 kv application in current ratings of 1200, 2000, 3000, 4000, and 5000 amp. The housing is dust-tight and weather-tight, and may be used for indoor or outdoor installations.

Each phase of the bus run has a single aluminum sheet shaped to form three sides of the housing. The fourth side consists of a gasketed, blinged, clamped cover. Installation expense is reduced since sections of the bus are shipped completely assembled. End bells of adjacent sections are connected by split aluminum bands having gasketed mating flanges.

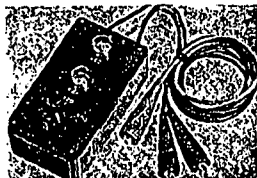
To form a length of three-phase bus run, three housings are bolted to cross members made from aluminum H-beams. Necessary structural steel members for attaching the H-beams to the building structure are supplied. General Electric Co., Schenectady 5, N. Y.

Automatic Oiler

A SMALL, COMPACT OILER that quickly attaches to electric motors, blowers, fans, shafts and similar mechanisms, simplifies the problem of bearing lubrication. There are no floats, valves, or other moving parts in the lubricator. The exact oil level

necessary for correct lubrication is always maintained.

A sight glass on the side of lubricator bowl shows exact level of oil that is being fed to the bearing. In addition, total oil supply remaining in glass reservoir can be seen from a distance and checked regularly in a minimum of time. These oilers are suitable for lubrication of oil rings, capillaries, rollers, or ball bearings. Aero Metal Stamping Co., 1913 N. Rufum St., Milwaukee 12, Wis.



Phase Sequence Indicator

THIS NEW PHASE SEQUENCE INDICATOR makes it simple to determine phase rotation. It is suitable for installing and servicing polyphase wattmeters, motors, watt-hour meters, power factor meters, alternators, transformer banks, and other electrical equipment.

To operate, the three leads are connected, one to each phase, and the switch turned to select proper voltage. If rotation is C-B-A, the lower lights will glow; if A-B-C, the top lamp lights. The Model 40 phase sequence indicator may be used on 115, 220 and 440-v circuits. The three leads, 3 ft long, with rubber insulated clips are designated A, B, and C. They are colored black and red for ease in connecting. The instrument weighs less than a pound and measures 2 1/2 x 5 1/2 in. Associated Research, Inc., 231 S Green St., Chicago 7, Ill.



Proportioning Pumps

THESE PROPORTIONING PUMPS are for accurate feeding and are suited to a wide range of applications in laboratory, pilot plant, and industrial processing. The pump, a combination piston-diaphragm unit, has a piston that reciprocates over a measured stroke and displaces oil, which in turn pulsates a diaphragm. Hydraulically-measured pulsation of the diaphragm actuates flow of chemical being handled. Use of

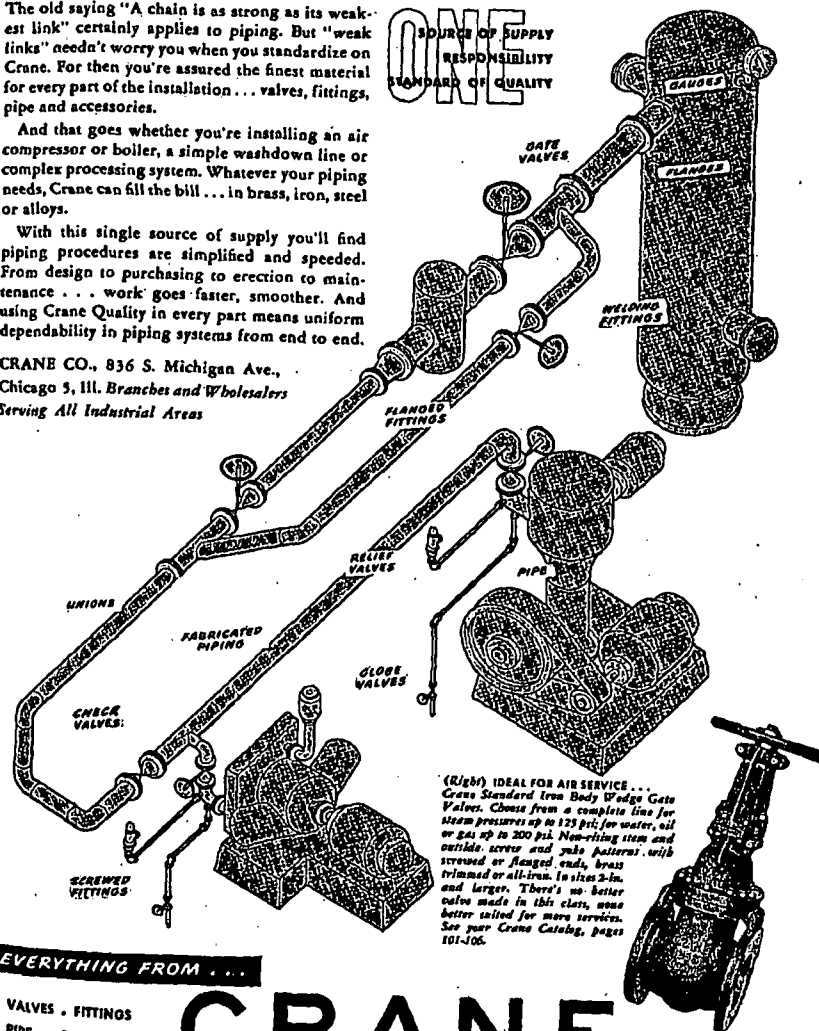
No worry about "weak links" when all piping is Crane

The old saying "A chain is as strong as its weakest link" certainly applies to piping. But "weak links" needn't worry you when you standardize on Crane. For then you're assured the finest material for every part of the installation... valves, fittings, pipe and accessories.

And that goes whether you're installing an air compressor or boiler, a simple washdown line or complex processing system. Whatever your piping needs, Crane can fill the bill... in brass, iron, steel or alloys.

With this single source of supply you'll find piping procedures are simplified and speeded. From design to purchasing to erection to maintenance... work goes faster, smoother. And using Crane Quality in every part means uniform dependability in piping systems from end to end.

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(Right) IDEAL FOR AIR SERVICE... Crane Standard Iron Body Wedge Gate Valves. Choose from a complete line for steam pressures up to 125 psi for water, oil or gas up to 250 psi. Non-rising stem and outside screw and yoke patterns with screwed or flanged ends, brass trimmed or all-iron. In sizes 2-in. and larger. There's no better valve made in this class, none better suited for more services. See your Crane Catalog, pages 101-105.

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