

## "GUNITE" Concrete

(since 1913)

Linings for

STEEL BUNKERS •  
DUCTS, HOPPERS •  
STACKS •  
UPTAKES •  
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FIREPROOFING •

## GUNITE CONCRETE & CONST. CO.

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BRANCH OFFICES: New Orleans, Dallas, Denver.

## IMO PUMPS



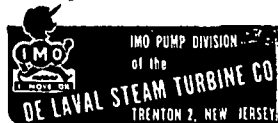
PERMIT DIRECT DRIVE  
AT ANY SPEED

The IMO pump can be connected directly to turbines, motors or other machinery without the use of reduction gears.

Operated at high speed, it is exceptionally small and compact in proportion to its capacity.

IMO pumps can be furnished for almost any capacity and pressure required for pumping oil, hydraulic control fluids and other liquids over a wide viscosity range.

For further information send for catalog I-138P.



23 SPRAY BOOTHS—Schmieg Industries, Inc., 323 Piquette Ave., Detroit 8, Mich. 32-page catalog No. 181 offers comprehensive information on spray booths, dust and fume control units, mechanical washers, industrial ovens, and sheet metal equipment and accessories.

### MAINTENANCE MATERIALS

24 PROTECTIVE COATINGS—Tarp Products Div., Koppers Co., Pittsburgh 19, Pa. 12-page folder gives expert direction on application of cold-applied protective coatings, especially designed to prevent corrosion and deterioration.

25 CABLE PROTECTOR—Dearborn Chemical Co., 310 S. Michigan Ave., Chicago, Ill. Bulletin features No-Ox-Id Wrap, a recent development for lead-sheathed cable protection in manholes.

26 FLOOR RESURFACER—Flexrock Co., Filbert and Cuthbert, West of 16th, Philadelphia 4, Pa. 4-page folder presents Ruggedwear, a floor resurfacer. A list of users is included.

27 CLEANING CRYSTALS—Skybrite Co., Cleveland 14, Ohio. Folder discusses Skybrite cleaning crystals for cleaning street lighting glass, reflectors, porcelain skylights and factory windows.

### MECHANICAL TRANSMISSION

28 MAGNETIC PULLEYS—Dings Magnetic Separator Co., 4740 W. McDougall Ave., Milwaukee 14, Wis. Two 2-page catalogs, No. C-1001A and C-1007A, describe features and applications of electromagnetic pulleys and also magnetic Perma-Pulleys for automatic separation of ferrous and nonferrous materials.

All literature designated with a star (★) may be obtained only by writing direct to the manufacturer on company letterhead, giving writer's name and title.

★ RETAINING RINGS—Tresco Div., Walco Industries, Inc., Long Island City 1, N. Y. 28-page catalog consists of charts for all standard types of Tresco rings. Data includes ring dimensions, housing and shaft dimensions, groove dimensions, thrust load capacities, materials, tensile strengths and finishes.

29 GEAR TESTER—George Scherr Co., 100 Lafayette St., New York 13, N. Y. 10-page folder presents various models of Parkson gear tester in sizes ranging from 1/4 to 24 in. capacity.

30 FLEXIBLE COUPLINGS—Dext C-1, American Flexible Coupling Co., Erie, Pa. 14-page booklet, entitled "Relief from Bearing Wear Grind," describes functions of flexible couplings. A thorough explanation and analysis is given to principles by which couplings operate and their importance in relationship to the equipment they connect.

31 MOTOREDUCTORS—Falk Corp., 3001 West Canal St., Milwaukee 8, Wis. 4-page bulletin No. 3101 gives advantages of the new Falk all-steel motoreducer.

### METALS AND ALLOYS

32 CORROSION CONTROL—International Nickel Co., 67 Wall St., New York 6, N. Y. 10-page booklet, entitled "Corrosion Control," describes part played by corrosion control in production of salt and use of brine solutions by chemical and food processors.

33 ALUMINUM CASTING ALLOYS—Aluminum Age, 120 Lexington Ave., New York 17, N. Y. 16-page booklet, entitled "Materials and Methods Manual 33," discusses various types of sand, permanent-mold and die casting alloys available.

34 NICKEL ALLOY STEEL CASTINGS—International Nickel Co., 67 Wall St., New York 6, N. Y. 31-page booklet covers the use of nickel alloy steel castings in railroad equipment, oil production, excavating and dredging, construction projects, steel rolling and forging, oil refining and chemical equipment, power plants, mining, milling and smelting, and miscellaneous applications.

## STELLITE— that "WONDER METAL"

### ATLAS Type "B" Steam Reducing Valves

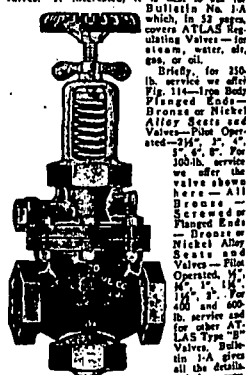
The Pilot Valve is made entirely of STELLITE. The Seat is STELLITE faced.

ATLAS Type "B" is recommended for reducing the pressure of steam where the service demands a tight seating valve and a uniform reduced pressure.

The controlled pressure port is regularly supplied integral with the valve body, but can be furnished for external pilot control connection. The main valve disc and pilot are easily taken out for cleaning or regrinding. The main valve disc will fall out when the bottom bonnet is removed. By taking off the diaphragm cap and unscrewing the pilot valve seat, the entire pilot valve can be lifted out.

When ordering reducing valves, always give the initial and reduced working pressures.

Several pages of this journal would be required to tell all about ATLAS Type "B" valves. If interested, it is best to ask for Bulletin No. 14.



To save time use the coupon below. Note, also, the other ATLAS products listed in the coupon.

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289 South St., Newark 5, N. J.

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☐ Water Regulators

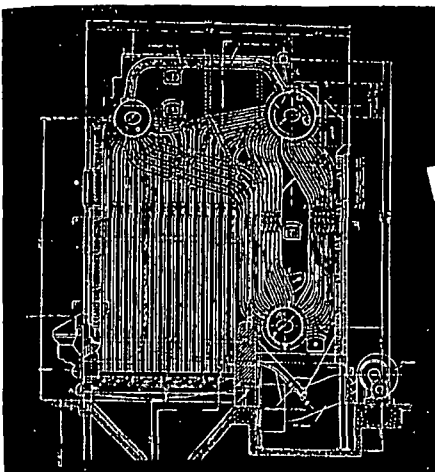
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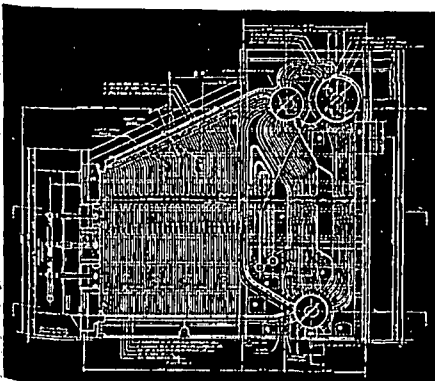
## STEAM GENERATING UNITS



CLASS Two 27,500 pounds per hour units, installed at Brown-Forman Distillers Corporation, Louisville, Ky. Features large square volume in limited space, with high ratio of radiant heating surface.

CLASS Mr. Carmel Public Utility, Mr. Carmel, Illinois, is served by this 60,000 pounds per hour unit. Geometric steam liberating surfaces and steam space permit wide fluctuations in load.

CLASS 70,000 pounds per hour steam generator at Humble Oil and Refining Company, Houston, Texas. An efficient, high-duty unit with water cooled furnace, using refinery gas fuel.



Vogt builds a complete line of bent tube steam generators, designed to burn solid, liquid, or gaseous fuels to meet specific operating conditions. Superheaters, air preheaters, economizers, water walls, and soot blowers can be readily incorporated. Bulletins with general information and showing typical installations are available upon request.

## HENRY VOGT MACHINE CO.

LOUISVILLE 10, KENTUCKY

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