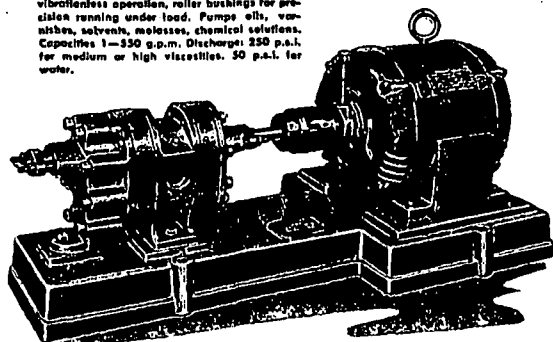


If downtime is a headache specify Sier-Bath Gearex Pumps

THE design and construction of Sier-Bath Gearex Pumps have been planned to insure continuous service and to avoid shut-downs. Manufacturing pumps of the utmost durability comes naturally to this Company, for Sier-Bath has been famous for many years as a manufacturer of precision gears. Gearex pumps are made under the same high standards that have been inherent in this shop in the making of fine, accurate gears. Gearex Pumps are long-lived positive displacement units, discharging

liquids without pulse or vibration. Double helical pumping rotors and discharge passages of proper area to insure continuous overlapping displacement of liquids are a feature of the Sier-Bath Gearex Pump. Since the rotors are not in contact, there is very little wear. The rotors are keyed to shafts and carefully timed through heat treated steel timing gears, keyed and locked on the ends of the shafts. These are only a few of the fine points of construction in these high quality pumps. Send for booklet.

SIER-BATH GEAREX PUMP Balanced axial thrust, vibrationless operation, roller bushings for wearless running under load. Pumps oil, varnishes, solvents, molasses, chemical solutions. Capacities 1-350 g.p.m. Discharge: 250 p.s.i. for medium or high viscosities. 50 p.s.i. for water.



For Higher Pressures and Capacities, Use SIER-BATH SCREW PUMPS

ALSO MAKERS OF SIER-BATH PRECISION GEARS

FOUNDED 1903

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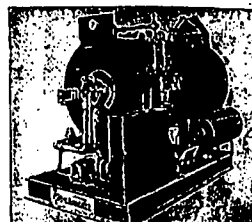


9254 HUDSON BOULEVARD • NORTH BERGEN, NEW JERSEY

New Equipment

(Continued from page 160)

put shaft that rotates at a rate equal to one half the distance in speed of the two motors. When speeds of the two motors become equalized, output shaft of the unit is stationary. The units operate from a 3-phase source over a frequency range of 15 to 60 cycles per sec. with an input voltage of 0.007 times the frequency in cycles per min. They are also available in similar units wound for high voltages and single- or 2-phase operation. Kollman Instrument Div., Square D Co., 80-08 45th Ave., Elmhurst, N. Y.

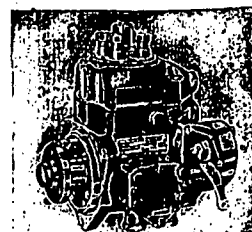


Three-Fuel Boiler

E366

SAME BURNER handles light oil, heavy oil or gas with changeover from one fuel to another within a period of ten min. claims its manufacturer. Powermaster ranges in size from 525 to 7000 lb per hr of steaming capacity with fully automatic operation.

Among the leading advantages are (1) modulated control of flame volume to maintain steam pressure with changes in steam demand (2) free-swinging rear cover that makes tube cleaning quickly possible (3) an air-atomizing burner (4) flame-failure safety features. Orr & Semberow, Inc., Reading, Pa.



Fuel-Injection Pump

E367

SINGLE-PLENDER TYPE PSA fuel-injection pump, characterized by simplicity and low cost, is being produced initially in a size primarily suitable for small diesels. Built to same high standards of precision as

FOR SAFETY'S SAKE... USE CONDUIT (Full Weight Rigid Steel)



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