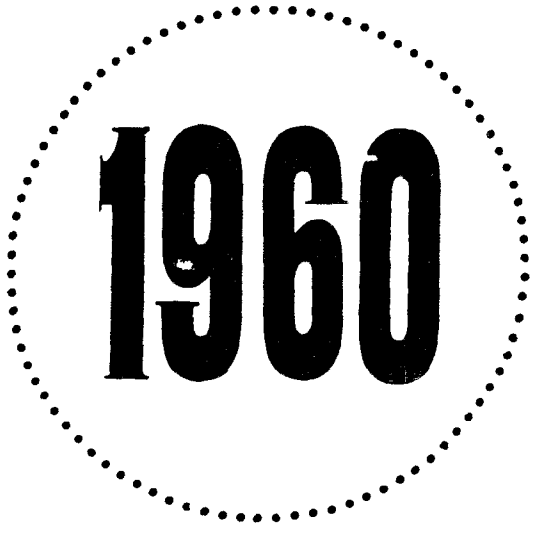
PLAINTIFF'S EXHIBIT

ET-22

MECHANICAL CATALOG

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Steam and Electrical Equipment for Power Plant and Industry

District Offices

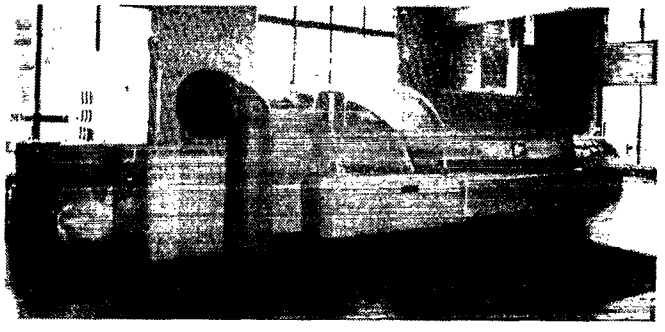
ATLANTA 5 . . 3127 Maple Drive, N.E.
BOSTON 35 . 1330 Soldiers Field Road
BUFFALO 2 . . . 525 Jackson Building
CHARLOTTE, N. C., 1707 Liberty Life Building
CHICAGO 46 . . 6100 N. Pulaski Road
CINCINNATI 6 . 2337 Victory Parkway
CLEVELAND 14, 1319 National City Bank Building
DALLAS 6 . . 5738 Central Expressway
DENVER 3 . 220—655 Broadway Building
DETROIT 3 . 800 West Seven-Mile Road
GRAND RAPIDS 2, MICH., 900 Monroe, N.W.
HOUSTON 3 . . 1209 Hutchins Street
INDIANAPOLIS 18, 3721 N. Keystone Ave.
KANSAS CITY 14 . 514 West 75th Street
LOS ANGELES 15, 714 W. Olympic Blvd.
MILWAUKEE 3 . . . 744 N. 4th Street
MINNEAPOLIS 23 . 2101 West 78th Street
NEW ORLEANS 13, 256 Lee Circle Building
NEW YORK 13 . . . 271 Church Street
NEWARK (Bloomfield), N. J., 400 Bloomfield Ave.
PHILADELPHIA 2, 226 South Sixteenth Street Building
PITTSBURGH 19 . . 718 Frick Building
SAN FRANCISCO 4, 2350 Equitable Life Building
ST. LOUIS 3 . . . . 1221 Locust Street
SEATTLE 1 . . . . 1101 Vance Building
TAMPA 2, FLA. . . . . 308 Tampa St.
TULSA 3 . . . . . 930 Mayo Building
WASHINGTON 1, D. C., Washington Gas Light Building

Representatives

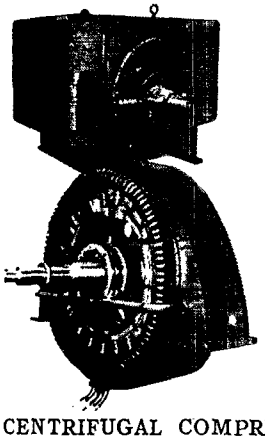
MONTREAL 2, QUE., F. S. B. Heward & Co., Ltd., 620 Cathcart Street
TORONTO 12, ONT., F. S. B. Heward & Co., Ltd., 1835 Yonge Street

STEAM TURBINE-GENERATOR UNITS

Elliott turbine-generator units meet the requirements for efficient power generation in utility stations, and the balanced power and process requirements of industrial plants. These units are built complete in Elliott shops — turbines, generators and exciters — assuring unified design and a well-balanced coordinated machine. Elliott builds turbine-generators in ratings through 44,000 kw, either condensing or noncondensing turbines with mixed-pressure or extraction features. The design of each turbine is adjusted to fit exactly the conditions of the individual installation. The photograph on the right shows an Elliott 16,500-kw hydrogen-cooled turbine-generator installation.



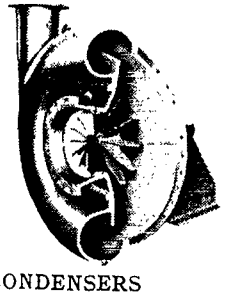
FABRI-STEEL MOTORS AND GENERATORS



Elliott engineers pioneered in the application of electric welding of steel in the construction of motors and generators. This "Fabri-Steel" construction permits extreme rigidity with exceptional shock-proof strength and broad adaptability in design. Motors above 200 hp and generators above 150 kw available (alternating current or direct current) with enclosures of all types including the famous "Weather-Protected" enclosure shown top, left.

Generators, also of "Fabri-Steel" construction, range from slow-speed to turbo types, designed and built specifically for the individual application, whether with steam turbines, hydraulic turbines, or diesels.

CENTRIFUGAL COMPRESSORS



Single- or multistage units, complete with Elliott motor or steam turbine drive, are custom-built to the individual application. Utilized in services such as aeration, agitation, exhausting, boosting and the compressing of gases. Widely used in the chemical and steel industries, Elliott compressors are of heavy, rigid construction and modern design. Capacities from 1000 cfm up, discharge pressures to about 1000 psig.

CONDENSERS

A complete line of condensers, surface and barometric, is available. Elliott engineers analyze operating conditions to determine the proper type and size of condenser. Surface condensers are built in a complete range of sizes and barometric condensers in both parallel-flow and counter-current types. Also air ejectors with dual drain trap and indicating air leakage meter.

STEAM JET EJECTORS

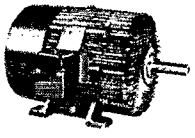
For maintaining vacuum on power plant condensers or in processes, such as distillation, evaporation, cooling, etc. Single-stage, multi-stage, booster ejectors, and unrivaled knowledge and experience in application.

TUBE CLEANERS AND EXPANDERS

Equipment for cleaning straight or curved tubes or pipe in sizes from ½ in. to 15 in. O.D. Broad range of cutter heads, drills, scrapers and motors, specially designed for the job.

Also a complete line of condenser and heat exchanger tube expanders. Air and electric controls, give accurate tube rolling results. Tube, gage, plugs, etc. Lagonda boiler tube expander and accessories in sizes 1 in. to 4½ in.

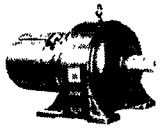
ELLIOTT CROCKER-WHEELER MOTORS AND GENERATORS



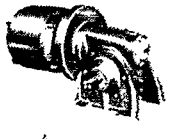
Totally-enclosed "Sealed-power"



Drippproof-protected



Parallel-shaft gearmotor



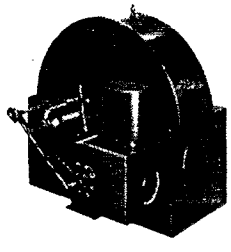
Right-angle worm gearmotor

A complete line of standardized industrial motors to 200 hp, and generators to 150 kw, including all types and all enclosures. Featuring the ribbed-frame, totally-enclosed, fan-cooled "Sealedpower" motor, introduced in this country by Crocker-Wheeler. Completely protected, it can be safely installed outdoors, or in dusty or corrosive atmospheres. Available in standard and explosion-proof.

The basic general purpose a-c motor has cooling air inlets and outlets so located as to make the motor completely dripproof — and essentially splashproof as well. Entire enclosure, including conduit box, is made of high-strength cast iron.

Parallel shaft gearmotors are available, 1 to 150 hp; right-angle worm gearmotors, ½ to 30 hp.

MECHANICAL DRIVE TURBINES



Elliott offers both single-stage and multistage units specifically engineered for the job. Liner-type bearings, easy to inspect, easy to replace. Accessible shaft seals, self-locating rotors, true centerline support. Simple, reliable mechanical speed governor is standard. Special trips and governors available when required.

DEAERATING HEATERS

Elliott pioneered deaeration, and Elliott has been foremost in the development of deaerators and deaerating heaters. Custom-built units, designed to the conditions of the individual installation, and standardized units.

STRAINERS

An Elliott product for more than 50 years. Elliott twin strainers for non-stop straining of liquids — when one strainer basket becomes fouled, a turn of a valve diverts the flow to the twin basket allowing the first to be removed and dumped. Also backflushing twin strainers, both manual and motor operated. Single strainers are available where operation can be interrupted. Single and twin strainers in sizes from 4 in. to 36 in., continuous self-cleaning strainers for water, sizes from 4 in. to 36 in.