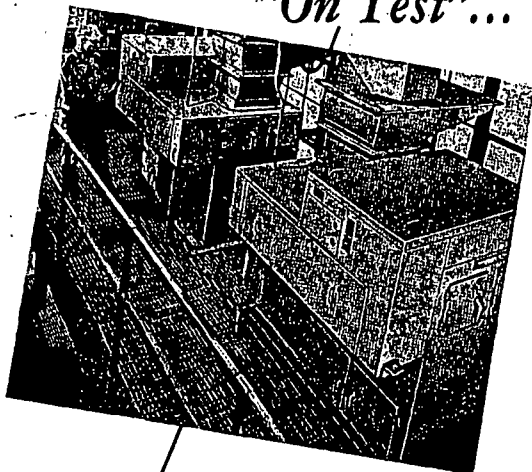


COAL SCALES KEEP BOILERS "On Test"...



"Richardsons" Do It Best

When a Richardson scale is weighing and feeding your coal you have the most dependable, accurate, automatic equipment that money can buy. Without an equal for year-in, year-out service, every Richardson scale is backed by 60 years' experience designing automatic materials weighing equipment and over 40 years of building coal scales.

Current models will be found even more rugged, dependable, accurate, dust tight—than the old units, some of which are still in use after 30 years of service. They do not "hang up" on wet coal or dry-coarse coal or fine—but give accurate records of coal consumed per boiler—by the hour, shift, day, week or month.

Through this continuous service, Richardson has gained a knowledge which has kept pace with the more rigid requirements of present day and future power plants and resulted in constant modernization of equipment each year.

In your district there is a factory-trained Richardson Service Engineer. If your Richardson scale needs a parts or operational check-up, call him in...you will be sure of a thorough, competent and courteous inspection, and worthwhile recommendations for getting maximum efficiency from your boiler plant.

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WHILE AT THE
POWER SHOW VISIT
BOOTH 385-387

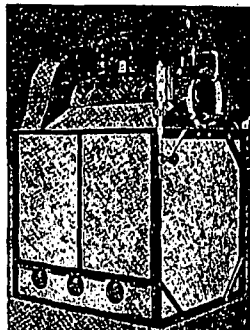
RICHARDSON SCALE COMPANY, Clifton, N. J.

ATLANTA • BOSTON • BUFFALO • CHICAGO • MINNEAPOLIS • WICHITA
NEW YORK • OHAMA • PHILADELPHIA • SAN FRANCISCO • DETROIT • PITTSBURGH • MONTREAL • TORONTO

up to 3 tons. Full hydraulic operation of the crane, which is powered by the truck engine and governor controlled to run at middle of normal speed range, eliminates shafts, drums, gears, clutches, brakes, chains and sprockets. Operation is easy because there is no need of synchronizing hand and foot motions. Factory-mounted on a motor truck, the unit can travel at fast speed from one job to another. Overall length in travel position is 24 ft 6 in. and height 10 ft 6 in. Bucyrus-Erie Co., 7923 W. Greenfield Ave., Milwaukee 14.

Voltage Regulator. E531

A NEW ELECTRICAL DAMPING SYSTEM, developed for the rocking-contact-torque-type generator voltage regulator, provides increased sensitivity and quick response. The damping mechanism is a separate assembly designed for rear-of-board or remote mounting. No restriction is placed on the regulator to prevent free movement in correcting a voltage change, but damping action does prevent undesirable voltage swings. Allis-Chalmers Mfg Co., Milwaukee.



Watertube Boiler E532

MEDIUM CAPACITY. (750 to 3000 lb per hr). 125 psi. bent-tube watertube boiler has a steam drum of 18 in. dia and is from 4 to 6 ft long. Unit employs 11-in. dia steel tubes, 13 ga with a double row in the waterwall section. Coal, oil or gas may serve as fuel. Standard items supplied are safety valve, steam stop valve, blowoff valves, steam gage, water-column and feed-line stop and check valves. Queen City Engrs Co., 500 St. Johns Pl., Brooklyn, N. Y.

Chemical-Feed Pump E533

AIR-POWERED PUMP is a positive-metering unit for controlled-volume pumping; provides process control of small liquid volumes down to one pint per hr. Stroke adjustment and liquid-end construction similar to company's standard electrically driven units. A 1-hp rotary air or gas motor, operated at constant speed through a geared speed reducer, drives the pump at rated number of strokes per hr. Motor operates on 50- to 80-psi air. Pumps are

Pioneering Large Plastic Fans for Water Cooling Towers

Another C. H. Wheeler FIRST! Plastic fan blades for the "biggest" cooling towers. The same type plastic fans available for years for smaller C. H. Wheeler cooling towers now can be supplied for large sizes. Scores of users have experienced their superior resistance to corrosion, moisture, and abrasion. Names of installations will be sent on request. . . . What's more, these plastic fans are tested, approved and carry the "Certified Rating" of PFMA (see right). Fan blades have adjustable pitch and a 20-to-1 safety factor at the welded steel hub. Cooling tower catalog on request.

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