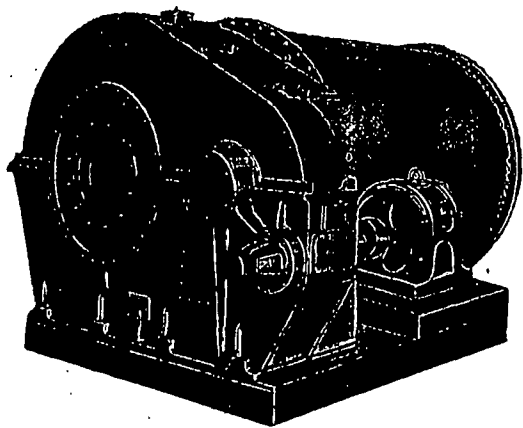
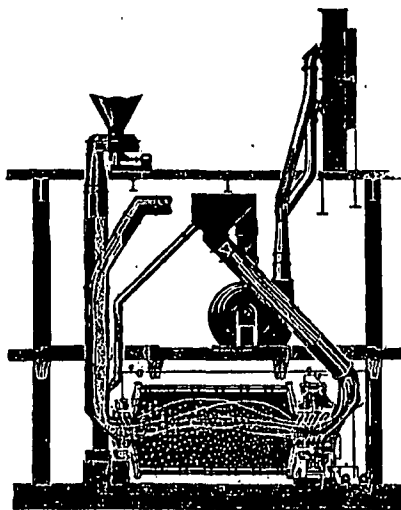


Save \$1⁰⁰ per ton...
...with the KENNEDY



**INTEGRAL GEAR DRIVEN
MILL**

Slow-speed ball mill manufactured in large sizes producing up to 85 tons of pulverized coal per hour. Sturdy and reliable. Availability throughout the years over 99%. Grinding balls can be added without shutting down. Low power consumption.



COAL FIRING SYSTEM

Cutaway drawing of Kennedy Pulverized Coal Firing System showing die feeder, pulverizer, classifier, exhauster and burners. Raw coal and pre-heated air up to 750°F enter one end of the pulverizer and leave at the other end. Moisture in the coal is liberated during pulverization.

MAXIMUM HEAT FROM PULVERIZED COAL...

Tremendous savings, often exceeding \$1.00 per ton, are being realized by steam plants through the efficiency and unmatched economy of the KVS Pulverized Coal Firing System.

The KVS Coal Firing System obtains maximum heat value from every ton of coal burned. More heat means more power available from any given quantity of coal. No other system produces comparable results. By pulverizing coal to a fineness of 85% to 90% through a U.S. standard 200 mesh screen, maximum results are obtained.

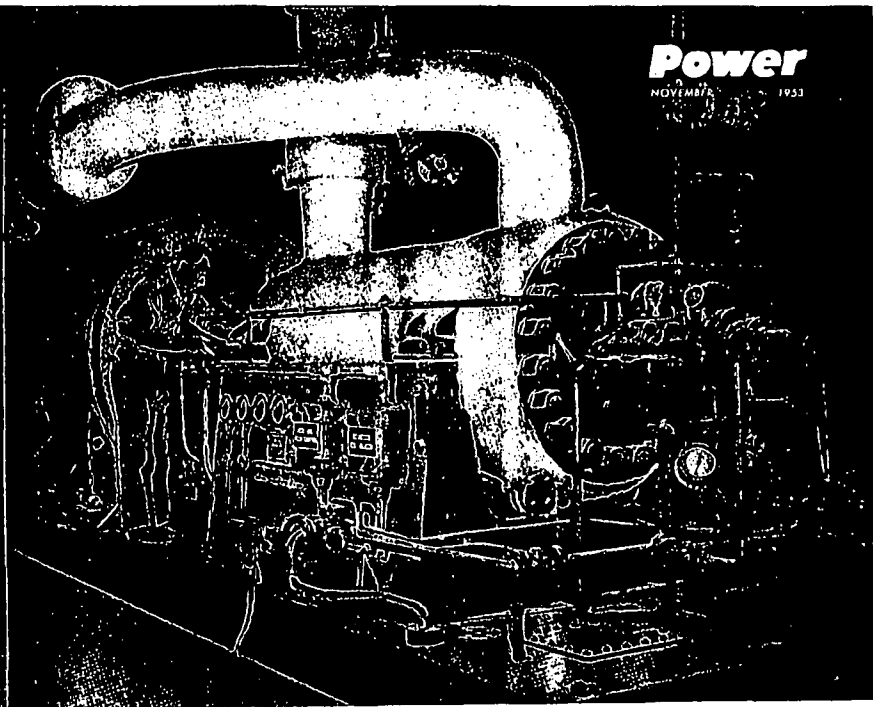
With the KVS system, coal firing is instantaneous, combustion complete. Unburnt carbon losses held to less than 1/4% at all ratings. Pulverized fuel instantly available to meet fluctuating loads with quick, flexible response to combustion controls. Free moisture is liberated in the mill while the coal is being pulverized.

BURNS ANY GRADE OF COAL... CHEAPEST TO FINEST!

Because of the extremely fine pulverization with the KVS Coal Firing System, the cheapest grades of coal provide complete combustion comparable to that obtained from more costly fuel. Tramp iron not only cannot damage the mill, but actually helps pulverization!

To compare your present fuel costs with the results you can expect from a KVS Pulverized Coal Firing System, estimate your unburnt carbon losses... figure boiler efficiency at reduced rating... allow for coal loss when you change rating... include maintenance cost on equipment.

Then, remember:
The KVS Coal Firing System obtains maximum heat value from every ton of coal burned.



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BARREL-TYPE FEED PUMP, 1570 gpm at 2100 psi: starting point for engineers in ...

Feeding boilers that operate above critical pressure raises many pumping problems. These inside facts show how they are being studied, and the results expected

By HANS GARTMANN, Chief Engineer
Centrifugal Pump & Compressor Dept., De Laval Steam Turbine Co

Designing Superpressure Feed Pumps

ADS OUT—

TURN PAGE

NOVEMBER 1953

ENGINEERING AND MANAGEMENT SECTION

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