Combustion Engineering Company, Inc.

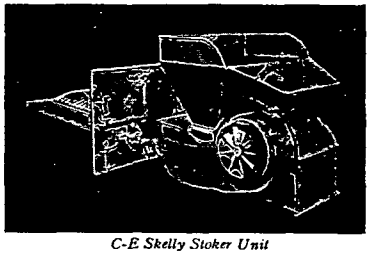
All Types of Fire Tube and Water Tube Boilers
Mechanical Stokers

C-E

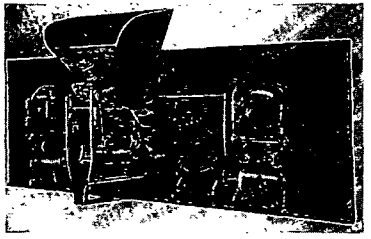
Complete Steam Generating Units
Pulverized Fuel Systems

200 Madison Avenue, New York 16, N. Y.
Offices in all principal cities of the United States and Canada

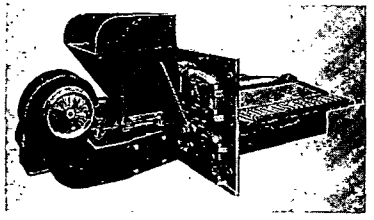
More than 18,500 C-E Stokers purchased to date



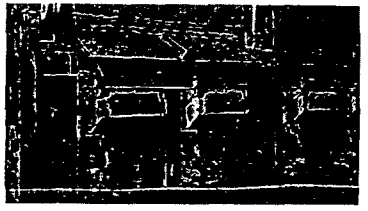
C-E Skelly Stoker Unit



Type E Stoker



C-E Low Ram Stoker



C-E Spreader Stoker

C-E Skelly Stoker—A compact, self-contained unit with integral forced-draft fan, adapted to burn either anthracite or bituminous coal. Alternate fixed and moving grate bars assure lateral distribution of fuel. Automatic control is standard equipment. Approximate application range—20 to 200 rated boiler hp.

Type E Stoker—A single-retort, underfeed stoker with an established reputation of many years' standing for dependable service. Designed to burn a variety of bituminous coals under boilers up to about 600 rated hp. Available with steam or electro-hydraulic drive.

C-E Low Ram Stoker—A single-retort, stationary-grate underfeed stoker for burning bituminous coals under boilers in the upper size range of the C-E Skelly Stoker.

C-E Spreader Stoker—A simple, rugged overfeed stoker designed to burn a wide variety of coals. Fines are burned in suspension and the coarser coal on a grate which may be of either stationary or dumping type. Rate of coal feed and air supply may be regulated over a wide range and are readily adaptable to automatic control. Applicable to boilers from about 100 boiler hp up.

C-E Multiple Retort Stoker—For burning bituminous and semi-bituminous coals under boilers up to the largest sizes.

C-E Traveling Grate and Chain Grate Stokers—Including both Coxe and Green types. Available with grate surfaces suitable for anthracite, coke breeze, lignite or bituminous coal, as required. Traveling grates are all forced-draft types; chain grates are either forced or natural draft types.

C-E Boilers—All fire tube and water tube types in sizes ranging from 25 hp up to the largest. Standard and special designs to suit all conditions of fuel, load and space. Included are all types formerly known by the trade names "Heine," "Walsh & Weidner," "Casey-Hedges," "Ladd" and "Nuway."

Separate Catalogs describing each of these stokers are available. A-531-D

Detroit Stoker Company

Sales and Engineering Offices
General Motors Bldg., Detroit, Mich.

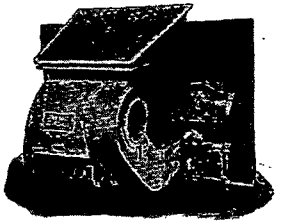
Main Offices and Works at Monroe, Mich.

D S C
Since 1898

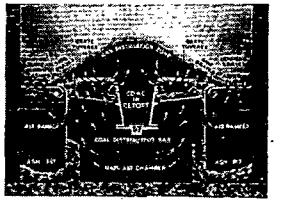
District Offices in Principal Cities

Built in Canada at London, Ont.

Detroit Stokers are unsurpassed for economy and dependability. They include Underfeed and Overfeed Spreader Stokers of many sizes and capacities for all types of boilers. All grades of Bituminous Coal successfully burned. Catalogs of various types, furnished on request.



Detroit LoStoker (brickset type) for horizontal tubular, firebox or water tube boilers.

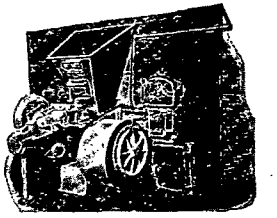


Built to fit the furnace. Arrows indicate flow of air to all parts of the fuel bed including the dumping grates, located at each side.

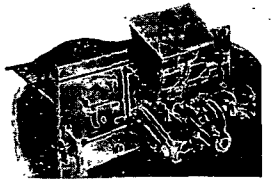
Detroit Unistoker with Detroit Adjustable Feed (Coal Feed Control) insures accurate fuel and air supply for best economy. Single Retort, side cleaning for boilers approximately 150 to 300 hp with furnace widths from five feet six inches to eight feet.

Double Retort Stoker—a multiple retort stoker having two retorts with the side cleaning feature. For medium sized boilers with wide furnaces.

Detroit RotoStokers are Overfeed Spreader Stokers, having an Overthrow Rotor action, which insures uniform fuel distribution over the entire area. Offers advantages over other firing methods for burning inferior fuels and efficiently handling extremely fluctuating loads.



Detroit UniStoker with Detroit Adjustable Feed provides a wide range of coal feed control.



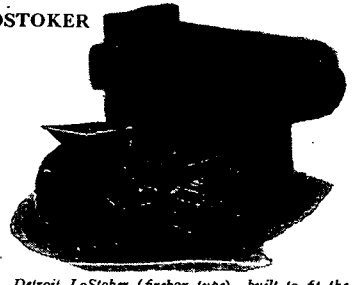
Detroit Double Retort Stoker, a multiple retort side cleaning stoker for medium size boilers.



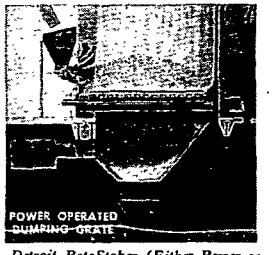
Detroit RotoStoker. Ash removed through doors at grate level successfully burns a wide range of fuels.

DETROIT LOSTOKER

Plunger feed, side cleaning stoker. Many sizes for 50 to 150 hp boilers. Highly efficient—fuel is fed only when needed—none is wasted. Requires little power for operation. Automatically controlled.



Detroit LoStoker (firebox type)—built to fit the furnace of high Firebox Boilers. Coal hopper with agitator designed to clear boiler doors.



Detroit RotoStoker (Either Power or Hand Operated) for large boilers. Especially suited to fluctuating loads.