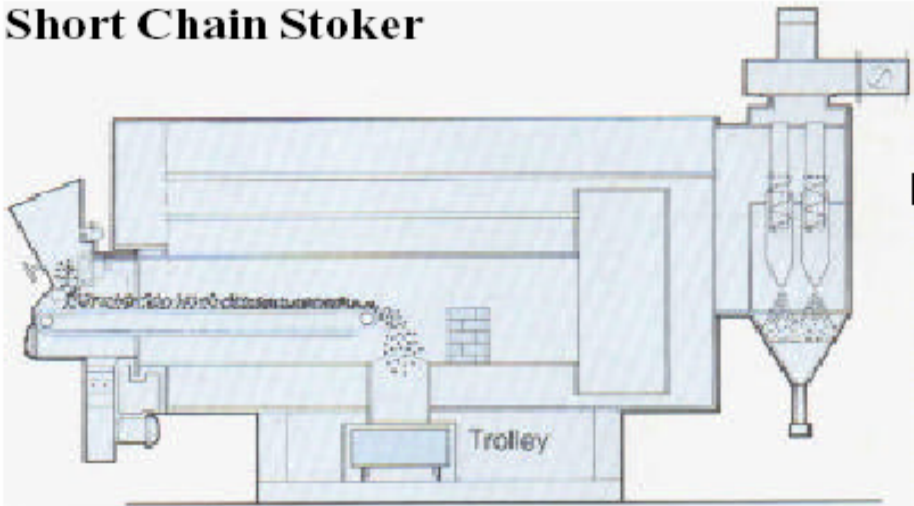


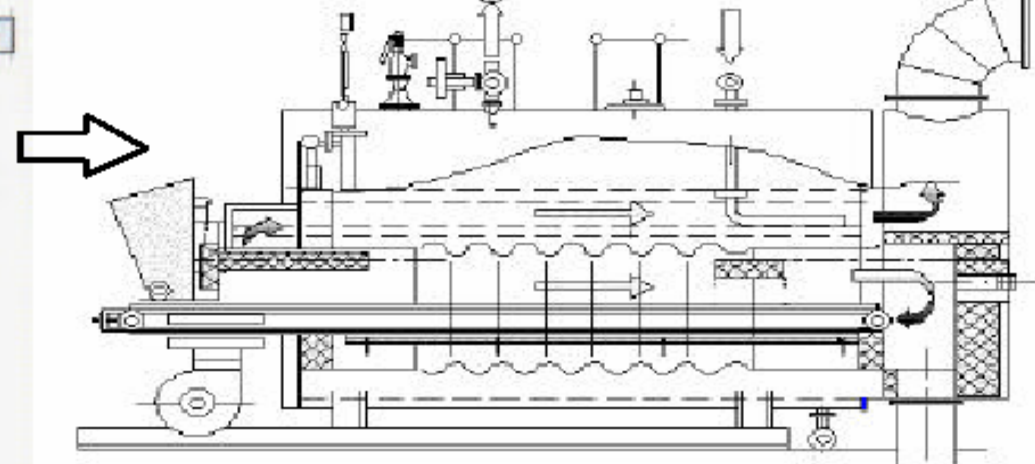
COALMAC BOILER

Short Chain Stoker



Originally the Chain stoker was too short for the bituminous coal of China

COALMAC Longer Chain Stoker



After improvement was made to extend the length of Chain Stoker to the end of the boiler shell



This picture was taken at one of the European boiler operating in Malaysia. Due to the short chain grate, there are a lot of unburn coal mixed in the ash disposal at the center of the boiler belly.



When high pressure is required for the short chain grate, another big problem is observed. That is tremendous increase of unburnt coal. One tire factory who used this short chain grate boiler was forced to fire his oil boiler just to back up to maintain the pressure. Short chain grate is not fitted to the Indonesian semi bituminous coal and fine coals. Left foto shows surprising unburnt coal.

