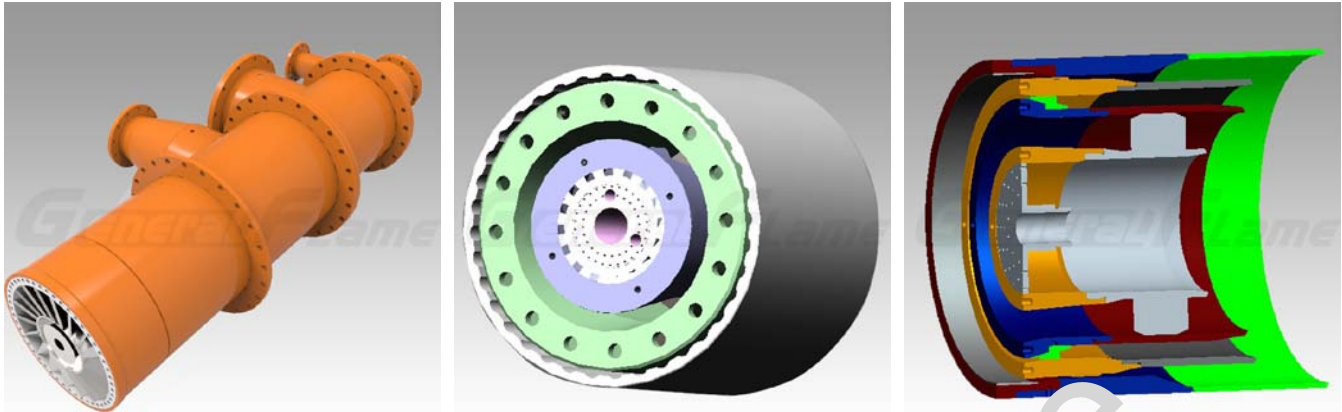


**Petroleum coke boiler burner**



**Introduction to petroleum coke boiler burner:**

After distilling, the crude oil converted into light oil and heavy oil. The heavy oil, again after process of thermal cracking, becomes petroleum coke powder. Petroleum coke powder is a kind of fuel which can replace heavy oil, diesel oil and natural gas, with much lower cost. The ignition temperature of petroleum coke reaches to 850c, the normal furnace with low temperature cannot satisfy its combustion. It has very low volatiles and very slow burning speed. In order to solve this problem, our company developed a petroleum coke boiler burner, which can transform the existing boiler to adapt to the combustion of petroleum coke powder. In order to achieve the above purpose, the technical solutions are provided as follows:

1. Diesel spray gun;
2. Diesel transmission channel;
3. Petroleum coke powder feeding device;
4. Petroleum coke powder transmission channel;
5. Primary air supply outlet;
6. Primary air supply air passage;
7. Secondary air tray

The petroleum coke boiler burner developed by us is suitable for the boiler transformation. If it uses diesel oil, heavy oil or natural gas to spray gun in the middle, and 70% to 80% petroleum coke powder as fuel, it will effectively save the cost.

