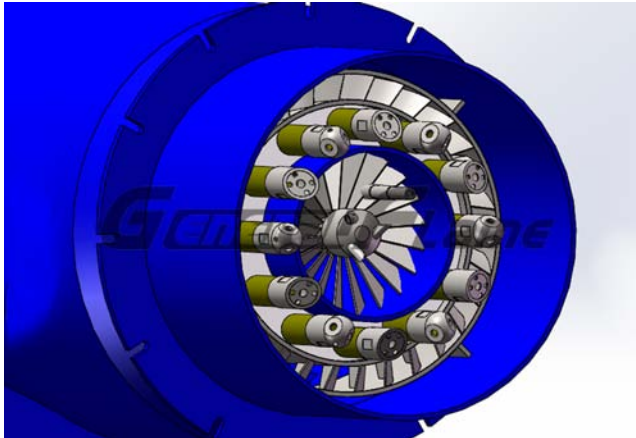


**Biomass boiler burner**



**Description of biomass boiler burner:**

Biomass boiler burner is a kind of burner used in the boiler industry. Feed the raw materials into the furnace uniformly, combust with internal high temperature pyrolysis suspended secondary gasification. Using the principle of radiant heat and convection heat, ventilate three times to increase oxygen, make the particles full combusted in the combustion machine furnace, the heat will be transferred to boiler. The cost of biomass burner is 40% cheaper than natural gas, 50% cheaper than fuel oil, and 65% cheaper than electricity!

**Product features:**

1. Emissions of sulfur dioxide, nitrogen oxides and dust are far below the China national standard;
2. Interconnection and interlock for furnace front and rear. The system operates under micro-negative pressure, explosion-proof and anti-tempering conditions;
3. One-key ignition start, automatic feeding, intelligent switch of large and small fire;
4. Heat output of 0.3-12MKcal, corresponding to 0.5-20 tons of boiler tonnage.

Analysis and comparison of economic benefits between biomass fuel and traditional fuel (take 10T boiler as an example):

	Calorific value required	<u>continuity</u> (h)	Fuel consumption	Unit price (US\$)	Annual cost (million us\$)
Diesel	6MKcal/h	24	588.5kg/H	\$1.01/kg	5.14
Heavy oil	6MKcal/h	24	631.6kg/H	\$0.72/kg	3.93
Natural gas	6MKcal/h	24	705m3/H	\$0.52/kg	3.17
Biomass burner	6MKcal/h	24	1500kg/H	\$0.12/kg	1.56

