

Biomass low NOx burner



Introduction to biomass low NOx burner:

Biomass low NOx burner is an industrial burner using low NOx technology. Its main fuel is biomass. The advantages of biomass fuels include:

1. Biomass pellet fuel is of high calorific value, the calorific value is about 3900~4800 kcal /kg;
2. Biomass pellet fuel is of high purity, with carbon content of 75%, ash content of 36% and water content of 13%. It does not contain coal gangue, stone and other impurities that do not generate heat but consume heat.
3. Biomass pellet fuel does not contain sulfur and phosphorus, so it does not corrode the boiler, can extend the service life of the boiler, the enterprise will benefit.
4. Biomass pellet fuel does not contain sulfur and phosphorus, so it does not produce sulfur dioxide when burning, thus will not lead to acid rain, does not pollute the atmosphere, and does not pollute the environment.
5. Biomass pellet fuel is clean and hygienic, it is convenient for feeding which reduces the labor intensity of workers, greatly improves the labor environment, and reduces labor costs.
6. Biomass pellet fuel is with little the ash, ballast after combustion, which greatly reduces the site for stacking coal, and saves ballasting cost.
7. The ash after combustion of biomass pellet fuel is high quality organic potassium fertilizer, which can be recycled to create profits.

Advantage: According to the technical parameter characteristics of the existing industrial, commercial, civil boilers, and after years of scientific theoretical calculation and practical experience, we design and produce different burners at different thermal power series. They can be widely used in food processing, agricultural planting, industry, printing and dyeing, electroplating, spraying, painting, smelting, wood processing, drying, heating and so on. Meanwhile, biomass low NOx burner it is an ideal choice for coal-burning boiler to be transformed into clean energy. It is with low cost in investment and operating, and with short payback period. We can adopt the semi-gasified suspension combustion method according to the customer's requirements, which has the characteristics of reasonable mechanism, voluntary feeding, high heat impact, sufficient combustion, no turbidness, low emission, convenient assembly, small space occupation etc., and low operating cost, which can be calculated by 30%-60% cheaper than the fuel oil (gas) combustion machine.

R&D and production capacity:

1. Strong R&D teamwork: With 50 experienced R&D engineers in-house who will work on your modifications, moldings, electromechanical engineering, 3D drawing, and software development services.
2. Advanced equipment and instruments
3. Imported raw materials with related brands