

名宏秸秆压块机设备的优势 Advantages of MINGHONG Briquetting Machine

“名宏”牌秸秆压块机为客户提供了传动方式的多样性机型选择，机型包含有：皮带传动系类机型、减速机直连系列机型、平行一体轴系列机型。客户根据自身实际需求针对性选择合理机型。

“名宏”牌秸秆压块机实现了一机多用，即可以生产压块，换模具后也可以生产颗粒，设备可叫做：压块颗粒一体机。

“名宏”牌秸秆压块机实现了一机通用，既可以加工多样性的生物质压块或颗粒燃料，同时也可以加工畜牧压块（也称为草球）或颗粒饲料，设备也可叫做：燃料饲料一体机。

We offer different power transition types of machine for customers'selection, Belt Transmission Models, Gear Transmission models, Parallel axis gearbox driven Models. The customerscan choose the specific righttype depending on their actual demand.

Minghong straw briquetting machine achieved multi-function all in one unit machine, the machine can produce briquettes, and pellets as well after changing the forming tools, so it is called Briquette&Pellet unity Machine.

Minghong straw briquetting machine achieved multi-purpose all in one unit machine, it can process biomass briquettes and pellet fuel from diverse materials, also can process animal feed briquettes and feed pellets, so it is called Fuel&Feed unity Machine.

生产流程 Work flow



生物质成型燃料特性 Features of Biomass Briquette Fuel

生物质燃料的热值分析与比较 Biomass Fuel Calorific Value Analysis and Comparison

Biomass type	Industrial analysis				Chemical composition						LCalorific value
	Moisture	Ash	Volatiles	Carbon	H	C	S	N	P	K2O	KJ/Kg
	工业分析成分%				元素组成%						低位热值
种类	水分	灰分	挥发份	固定碳	H	C	S	N	P	K2O	KJ/Kg
玉米杆	6.10	4.70	76.00	13.2	6.00	49.3	0.11	0.70	2.60	13.90	17746
花生壳	7.88	1.60	68.10	22.42	6.70	54.90	0.10	1.37	-	-	21417
豆 秸	5.10	3.13	74.56	17.12	5.81	44.79	0.11	5.58	2.86	16.33	16157
稻 草	3.61	12.20	67.80	16.39	5.30	48.30	0.09	0.81	0.15	9.93	17636
稻 壳	5.62	17.82	62.61	13.92	6.20	49.40	0.40	0.30	-	-	16017
木 屑	7.23	3.01	71.25	16.30	7.10	55.30	0.01	0.81	-	0.60-1.60	22480

常规能源锅炉与生物质运行特点比较（以6T锅炉计算）

Operating Data Comparison of General Fuel Boiler with Biomass Boiler (Calculating with 6T Boiler)

Item 项目	Classification 种类	Coal(Class II smoke coal) 煤炭 (II类烟煤)	Diesel 柴油	Natural Gas 天然气	Biomass Briquette Fuel 生物质固体成型燃料
Emission 排放	Combustion Calorific Value 燃烧发热量	4500Kcal/kg	10200Kcal/kg	12552Kcal/kg	3500Kcal/kg
	Combustion Efficiency % 燃烧热效率%	70	85	90	80
	Density kg/m ³ 密度kg/m ³	1100-1400	850	0.75-0.8	800-1100
Combustive Gas Emission 燃烧气体原始排放	CO ₂ g/m ³	218	199	137	0
	SO ₂ g mg/m ³	1280	480	48	28
	NO _x mg/m ³	617	330	248	185
	Smoke Dust mg/m ³ 烟尘 mg/m ³	510	89	16	47.75
	Market Price 市场参考价格	0.5元/kg	5.6元/kg	4.2元/kg	0.65元/kg
	Fuel Cost (RMB/h) 燃料费用 (元/h)	571	2325	1338	836

注：对于CO₂而言，依据联合国的相关规定生物质成型燃料燃烧过程中对大气中温室气体平衡改变为零。

Note: Regarding co₂, there is no change for greenhouse gases balance during the biomass briquette combustion according to UN's relative regulations.