RENTAI · INDUSTRIAL EQUIPMENT
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Biomass Hot Air Furnace

Grain Drying & Storage · Model: XG-30–XG-90

Environmental hot-air furnace using biomass such as waste wood, branches, straw, biomass pellets and coal. Indirect hot-air heating with automatic temperature control.

Technical parameters

Model	XG-30	XG-40	XG-50	XG-60	XG-90
Heat Value (Kcal/h)	300000	400000	500000	600000	900000
Output Hot Air (°C)	30-220	30-220	30-220	30-220	30-220
Heat Mode	间接热风加热，自动控温 Indirect hot air heating, automatic temperature control	间接热风加热，自动控温 Indirect hot air heating, automatic temperature control	间接热风加热，自动控温 Indirect hot air heating, automatic temperature control	间接热风加热，自动控温 Indirect hot air heating, automatic temperature control	间接热风加热，自动控温 Indirect hot air heating, automatic temperature control
Ignition Mode	人工点火 Manual Ignition	人工点火 Manual Ignition	人工点火 Manual Ignition	人工点火 Manual Ignition	人工点火 Manual Ignition
Feed Mode	人工加料 / 自动加料（稻壳），客户自选 Worker feed / Automatic Feed, Customer choose (Paddy Husk)	人工加料 / 自动加料（稻壳），客户自选 Worker feed / Automatic Feed, Customer choose (Paddy Husk)	人工加料 / 自动加料（稻壳），客户自选 Worker feed / Automatic Feed, Customer choose (Paddy Husk)	人工加料 / 自动加料（稻壳），客户自选 Worker feed / Automatic Feed, Customer choose (Paddy Husk)	人工加料 / 自动加料（稻壳），客户自选 Worker feed / Automatic Feed, Customer choose (Paddy Husk)
Dust Remove Mode	人工除尘 / 自动除尘，客户自选 Worker Remove / Automatic Remove Customer Choose	人工除尘 / 自动除尘，客户自选 Worker Remove / Automatic Remove Customer Choose	人工除尘 / 自动除尘，客户自选 Worker Remove / Automatic Remove Customer Choose	人工除尘 / 自动除尘，客户自选 Worker Remove / Automatic Remove Customer Choose	人工除尘 / 自动除尘，客户自选 Worker Remove / Automatic Remove Customer Choose
Draft Fan Model	4-72-3.2A	4-72-3.2A	4-72-3.2A	4-72-3.2A	4-72-3.2A
Output Hot Air Volume	6700-13353	8500-26706	10000-40059	20000-46067	60000-90000
Fuel	废木、生物质颗粒、稻草、煤（也可用柴油、燃气） Waste Wood, Biomass Pellet, Paddy Straw,	废木、生物质颗粒、稻草、煤（也可用柴油、燃气） Waste Wood, Biomass Pellet, Paddy Straw,	废木、生物质颗粒、稻草、煤（也可用柴油、燃气） Waste Wood, Biomass Pellet, Paddy Straw,	废木、生物质颗粒、稻草、煤（也可用柴油、燃气） Waste Wood, Biomass Pellet, Paddy Straw,	废木、生物质颗粒、稻草、煤（也可用柴油、燃气） Waste Wood, Biomass Pellet, Paddy Straw,

Model	XG-30	XG-40	XG-50	XG-60	XG-90
	Coal (Also can use Diesel, Gas)	Coal (Also can use Diesel, Gas)	Coal (Also can use Diesel, Gas)	Coal (Also can use Diesel, Gas)	Coal (Also can use Diesel, Gas)
Heat Efficiency (%)	≥80	≥80	≥80	≥80	≥80
Weight (kg)	2800	3500	3800	4800	10000
Overall Size (mm)	3030*1460*2300	3030*1560*2300	3200*1760*2300	3305*1760*2600	4600*2400*3200
Power (kw)	1.1	2.2	2.2	3	4-5.5
Dryer Matched - 5HXG-15	1 Set	2 Sets	3 Sets	4 Sets	8 Sets
Dryer Matched - 5HXG-32	/	1 Set	/	2 Sets	4 Sets
Safety Device	热继电器、自动恒温装置、热风温度传感器、超温保护系统、漏电保护装置、排烟与送风 Thermal Relay, Automatic Constant Temperature Device, Hot-Air Temperature Sensor, Over Temperature Protection System, Leakage Protection Device, Exhaust Smoke and Supply Air	热继电器、自动恒温装置、热风温度传感器、超温保护系统、漏电保护装置、排烟与送风 Thermal Relay, Automatic Constant Temperature Device, Hot-Air Temperature Sensor, Over Temperature Protection System, Leakage Protection Device, Exhaust Smoke and Supply Air	热继电器、自动恒温装置、热风温度传感器、超温保护系统、漏电保护装置、排烟与送风 Thermal Relay, Automatic Constant Temperature Device, Hot-Air Temperature Sensor, Over Temperature Protection System, Leakage Protection Device, Exhaust Smoke and Supply Air	热继电器、自动恒温装置、热风温度传感器、超温保护系统、漏电保护装置、排烟与送风 Thermal Relay, Automatic Constant Temperature Device, Hot-Air Temperature Sensor, Over Temperature Protection System, Leakage Protection Device, Exhaust Smoke and Supply Air	热继电器、自动恒温装置、热风温度传感器、超温保护系统、漏电保护装置、排烟与送风 Thermal Relay, Automatic Constant Temperature Device, Hot-Air Temperature Sensor, Over Temperature Protection System, Leakage Protection Device, Exhaust Smoke and Supply Air

Applicable materials

Paddy / Rice

Applications

Heat source for grain dryers and other drying systems.

Working principle

Fuel is burned in a furnace and heat is transferred through boiler-steel tubes to produce clean hot air.

Wear parts & materials

Not stated in source catalogue

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