

Biomass Furnace with Heat Exchanger

Indirect Fired Biomass Furnace for Dryer



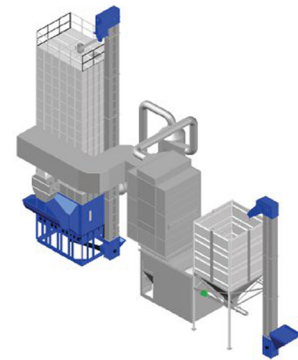
MODEL	UF-50	UF-80	UF-150	UF-200
Heat Output: KW	500	800	1500	2000
KCAL/Hr	500.000	780.000	1.380.000	1.800.000
POWER CONSUMPTION				
Feeding Screw	1,5	1,5	1,5	1,5
Ash Blower	2,2	2,2	2,2	2,2
Secondary Air Fan	1,5	2,2	3	3
I.D. Fan	5,5	5,5	7,5	11
Over-all Dim. [LxWxH (mm)]	5400x1400x5530	5550x1750x6565	5750x2050x7166	6150x2250x7575

Features

- Cheap & Clean renewable energy
- Automatic Feeding
- Ash screw transport system
- Primary air pre-heating and cooling system
- Primary and Secondary Air control
- Fuels: Shredded Cobs or Rice Husk



1	Fuel inlet hopper	7	Heat exchanger
2	Bucket elevator	8	Induce draft fan (Suction Blower)
3	Husk bin	9	Ash screw conveyor
4	Feed screw conveyor	10	Cyclone separator
5	Forced draft fan (Feed Blower)	11	Cool air inlet
6	Husk furnace (Heating Chamber)	12	Control panel



Typical Installation of Biomass Furnace with GrainPro

Projects Undertaken



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