

## RICEMASTER

## Cyclonic Husk Furnace

Direct Fired Biomass Furnace for Dryer

MODEL	CHF-500	CHF-1000	CHF-1500	CHF-2000	CHF-3000	CHF-5000	CHF-6000
MAX HEAT POWER (kw)	500	1000	1500	2000	3000	5000	6000
HUSK CONSUMPTION (kg/hr)	25-125	50-250	75-370	100-500	150-750	250-1250	300-1500
TOTAL ELECTRIC POWER (HP)	6.5	6.5	6.5	6.5	7.5	9.5	9.5
1. Air Blower (HP)	2.0	2.0	2.0	2.0	2.0	3.0	3.0
2. Husk Screw Feeder (HP)	0.5	0.5	0.5	0.5	0.5	0.5	0.5
3. Husk Blower (HP)	3.0	3.0	3.0	3.0	3.0	5.0	5.0
4. Ash Screw Feeder Conveyor	0.5	0.5	0.5	0.5	0.5	0.5	0.5
5. Ash Sweeper (HP)	0.5	0.5	0.5	0.5	0.5	0.5	0.5
OVERALL DIMENSION [ØxH(m)]	1.0x4.5	1.2x5.6	1.6x7.5	2.0x8.0	2.7x11.2	2.7x13.2	2.7x14.5

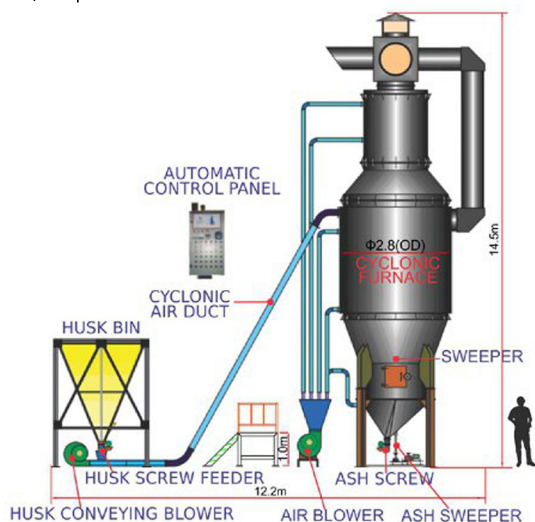
### Features

High combustion efficiency with double cyclonic effect creating an air/husk vortex for a complete smoke free combustion.

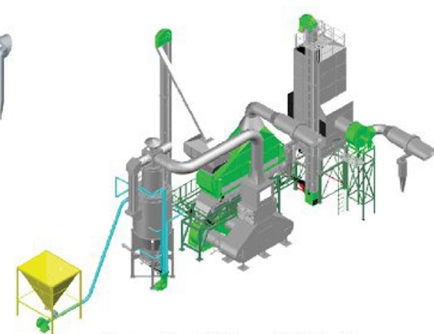
The spiralling vortex of air forces ash to fall to the bottom of grate for automatic discharge.

Auto controlled husk feeder with PID control ensures regular and even hot air supply requiring minimum time delay between start up & actual operations.

(Temperature increase from 0 °C to 150 °C within 10 minutes).



Typical Installation of CHF with Fluidized Bed Dryer



Typical Installation of CHF with Fluidized Bed Dryer and LSU

### Projects Undertaken



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