

HUSK FURNACE

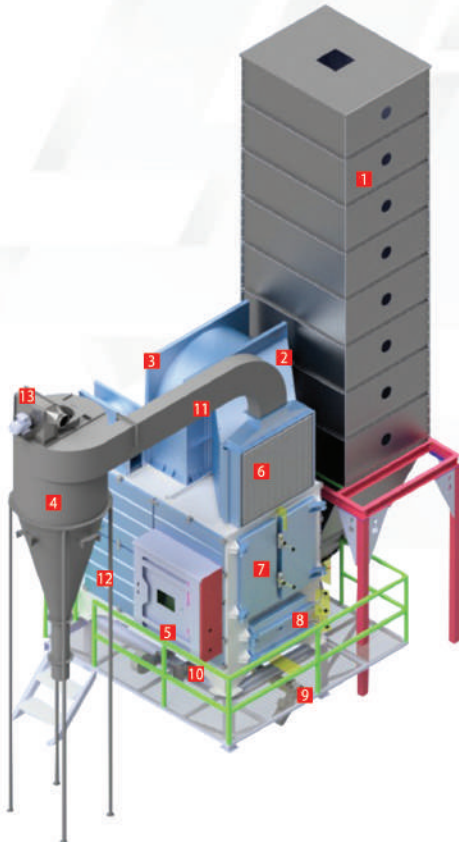
-  KAVUZ YAKITI SOBA
-  КАВУЗ ТОПЛИВНАЯ ПЕЧЬ
-  زوفاك دوقو ذوقور
-  POËLE À COMBUSTIBLE KAVUZ
-  ESTUFA DE COMBUSTIBLE KAVUZ
-  FOGÃO DE COMBUSTÍVEL KAVUZ

H-55 HUSK FURNACE

- ✓ No Diesel needed - Energy saving - Reducing CO₂ emission - Reducing drying cost dramatically.
- ✓ Various types of biomass fuels can be consumed. Low drying cost and free from high oil price.



Paddy husk Pressed straw bricks Corn cob Coconut shell Wood chip Coffee hull



- ✓ High installation flexibility. H-55 Biomass Furnace is able to be attached to different dryer models.

- 1 Husk tank (Optional)
- 2 It creates a wall to transmit heat to the fan. There are 4 pieces in total.
- 3 15 kw Fan; It is used to transmit the hot air drawn from the stove to the machine.
- 4 Cyclone for ash
- 5 Electrical control panel
- 6 It is used to transmit the hot air rising in the stove to the fan.
- 7 It is used to access the stove pipes for easy cleaning. (Fiber and rock wool are used.)
- 8 Fiber and rockwool are used for controlling the fuel and agitator shaft.
- 9 Ash discharge; allows the burnt solid fuel to be discharged from the stove.
- 10 Cover of the burner.
- 11 Pipe that transfers the ash from the stove to the cyclone.
- 12 Fiber and rock wool are used inside the cover to prevent the heat inside from transferring out.
- 13 1.1kw Cyclone Fan

H-55 SPECIFICATIONS

ITEM / MODEL	H-55 Auto Ash Discharge	
Biomass Fuel		Paddy husk
Dimension	L x W x H mm	1470 x 2650 x 3345
Net Weight	Approx.kg	3000
Max. Thermal Energy	Kcal / hr	Approx. 180,000 = 21 Liters Of Heat From Burning Diesel
Husk Consumption	kg / hr	12 - 100 Approx. Under Max. Combustion
Ash Discharge	kg / hr	2.4 - 20 Approx. Under Max. Combustion
Automatic Ash Discharge System		0.55 KW
Husk Feeder (Optional,For Husk And Coffee Hull)		1.1 KW
Husk Mixer Motor		1.1 KW
Snail Fan		0.55 KW
Vibro Motor		0.095 KW
Cyclone Fan		1.1 KW
Hot Air Fan		15 KW
Power Consumption	KW HP	19.5 KW
Safety Devices		Thermo Relay, Overheat Sensor, Control Fuse.

H-55 SPECIFICATIONS

- ✓ Drawings and specifications are for reference only, and actual product specifications are based on the order signed by the customer and the actual product shipped.
- ✓ The maximum calorific value, the amount of chaff burned and the amount of straw ash will vary depending on the type of straw actually used, its moisture content and inclusion.
- ✓ Straw Briquetting Conditions: ① Moisture content is below 13%. ② Heat value should be between 3.700 ~ 4.200 Kcal / kg. ③ The lower the dust content, the better.
- ✓ Performance and drying rate are reference values. The moisture content of rice is rice is dried between 26% and 14% Actual value will vary depending on outside temperature, relative humidity, drying type, hot air temperature and moisture content. After drying.
- ✓ The specification and graph is for reference only. Actual specification of YAŞAR product shall be based on the sales confirmation which customers sign and delivered products.
- ✓ H-55 , it is applied only for drying paddy,wheat,corn and all grains.
- ✓ Max. thermal energy, husk consumption and exhausted ash production listed are for reference only. Actual data will differ upon variety, moisture content and impurity.
- ✓ Conditions of pressed straw bricks : ① Moisture content : Less than 13%. ② Thermal energy : 3,700 ~ 4,200 Kcal / kg.③ Dust content : As low as possible.
- ✓ Above numbers and drying rate are derived from reducing moisture in paddy from 26% to 14% for reference only. Actual results vary among different ambient temperature, relative humidity, grain varieties, hot air temperature, moisture content before and after drying.