

SUNCUE BIOMASS FURNACE

SB-55

Using rice husk as biomass fuel greatly reduces drying cost. Fuel is free if the rice husk is from your own rice mill.

The clean and genuine indirect hot air with automatic temperature control allows a low temp., even and fast drying. Reduces broken rice, improves milling yield and rice appearance.

Appraisals from worldwide users: the dried paddy is naturally fragrant and the rice tastes more tender. It is the real organic rice.

Foolproof design. Durable for heavy-duty and requires low maintenance. Allowing consistent high-quality rice from the 1st, 100th to 1000th batch.



We appreciate all esteemed green enterprises for choosing SUNCUE's rice husk furnace: Environmentally-friendly, energy-saving, CO₂-reduction and earth-care!

Taiwan







Union Rice

Shiluo Agri-cooperative

Fanrong Rice Mill

Huatung Rice Mill

Mainland China









Shanghai Seed Company

Zhejiang Fuyichang Rice Mill

Hubei Yongsheng Rice Mill

Anhui Lianhe Rice Mill

Asia, Europe, America













Cambodia

















Angola

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Service Center

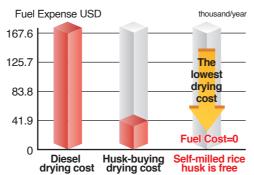
SUCUE Energy Saving, Environmentally Friendly, Carbon Reduction

Energy Saving

- For example, assuming a rice mill's annual production is 10,000 tons, and 200,000 liters of 167.6 | diesel are needed for drying, which will cost up to USD\$ 167,643 of fuel in 1 year.
- Buying husk for drying, the drying cost will only be the one-fifth of the diesel cost. If self-milled free husk is used, the fuel cost will be 0.
- *The diesel price shown here is CPC's diesel price as of March 17th, 2025, which is about USD\$ 0.84 per liter.

Environmentally Friendly & Carbon Reduction

• Annually reduce 540 tons of CO2 emission, which equal to the volume that a 36 hectares of forest can absorb.



Exclusively Patented in Taiwan, USA, Japan, Korea, China, Southeast Asia...etc.

Rice Husk Furnace Drying Complex



SB-200+PHS-320Bx7

- 1 Husk Tank Feeder
- 2 Husk Tank
- 3 Husk Feeder
- 5 Main Control Box 6 Auxiliary Air Blower
- 7 Auto Ash Discharger 4 Rice Husk Furnace SB-200 8 Cyclone
- 9 Hot Air Duct 10 Dumping Pit
- 14 Loading Chain Conveyor 11 Bucket Elevator 15 32-ton husk type grain dryer
 - 16 Micro Air Adjuster
- - 18 Unloading Chain Conveyor

17 Hot Air Damper

19 Dry Grain Silo

12 Wet Grain Silo

13 Precleaner

Easy operation-One operator can manage thousands of tons of grains per day



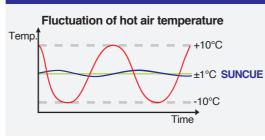
- Can connect multiple dryers. Allows different temperature settings on each dryer. Capable of maintaining constant temperature according to settings on each dryers.
- Simple interface, simultaneously control multiple dryers at constant temperature. Fool-proof design, the management requires no professional technician.

SUNCUE's unique patented completed combustion technology

Consume the lowest quantity of paddy husk while produce maximum thermal energy.

Paddy husk from 1 hectare of farm can dry approximately 3 hectares of wet paddy. Paddy husk from 1 ton of wet paddy can dry approximately 3 tons of wet paddy.

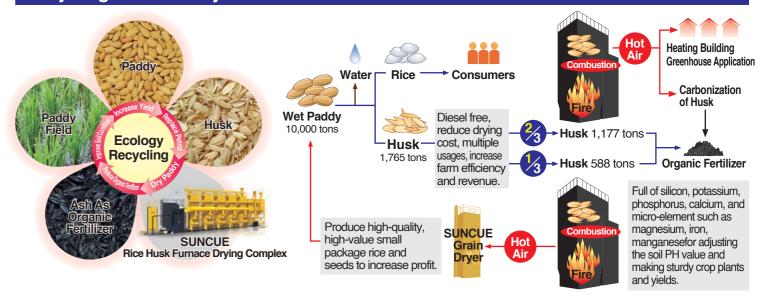
Constant hot air temperature



 Hot air temperature is controlled precisely within ±1°C.



Recycling in the eco-system & Endless care for the Earth



The only choice for producing best quality small-package rice with the lowest cost

Low Drying Cost

Significantly reduces drying cost! You're no longer at the mercy of rising oil prices.

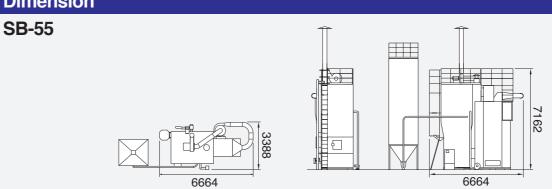
Best Rice Quality

Easy Management Automatic computerized control, fool-proof design, easy operation.

Drying at constant temperature produces the most high-quality rice, paddy seeds and wheat seeds. **High Selling Price**

Indirect and clean hot-air at low temperature can produce the sanitary, reliable of small package rice. Selling price will be high.

Dimension Unit mm



Specifications		
Item		SB-55
Max. Thermal Energy	Approx. Kcal/hr	550,000
Equivalent to Diesel Consumption Diesel thermal energy = approx. 8,400 Kcal/liter	Approx. liter/day	1,571
Husk Consumption Husk thermal energy = approx. 3,300 Kcal/kg	Approx. kg/day under max. combustion	4,456
Ash Discharge	Approx. kg/day under max. combustion	576
Reduction of CO ₂ Emission	Approx. ton/day	4.2
Power Consumption	kW	8.38
Net Weight	Approx. in ton	14
Dimension	L×W×H mm	6,664×3,388×7,162
Furnace Connecting Capacity dryer tons	Commercial Paddy	28~60
	Paddy Seed, Wheat Seed	33~90
Safety Devices		Abnormal Combustion Sensor, Flame Sensor,

- Max. thermal energy, husk consumption and ash discharge production listed are for reference only. Actual data will differ upon variety, moisture content and impurity
- The specification and graph are for reference only. Actual specification of SUNCUE product shall be based on the Sales Confirmation which customers sign and delivered products.
 The maximum heat output of each rice husk furnace is approximately 2.7 kg of CO₂ emission per liter of diesel with a running time of 24 hours per day as calculation basis. Actual values may vary due to the users' various using factors.

Rotation Sensor, Control Fuse