

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.

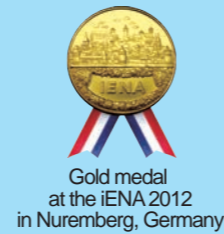
The clean and genuine indirect hot air with automatic temperature control allows a low temp., even and fast drying. Reduces broken rice, improves milling yield and rice appearance.

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.



SB-55



Gold medal at the iENA 2012 in Nuremberg, Germany



World Genius Convention 2013 in Tokyo, Japan Special Genius Award



World Genius Convention 2013 in Tokyo, Japan Genius Gold Medal

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



Japan



Korea



Philippines



India



Indonesia



Cambodia



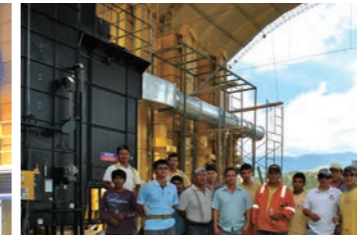
Vietnam



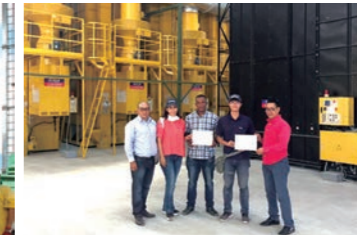
Myanmar



Bulgaria



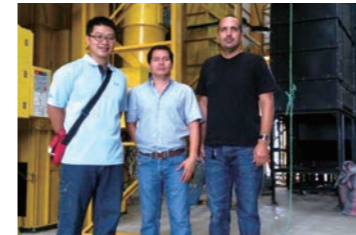
Peru



Dominican Republic



Nicaragua



Ecuador



Angola



Turkey

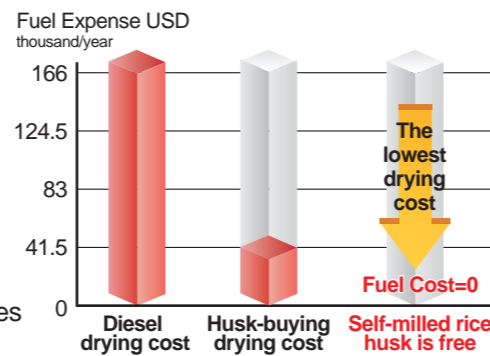


Paraguay

SUNCUE 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 diesel are needed for drying, which will cost up to USD\$ 166,332 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 May 6th, 2024, which is about USD\$ 0.83 per liter.

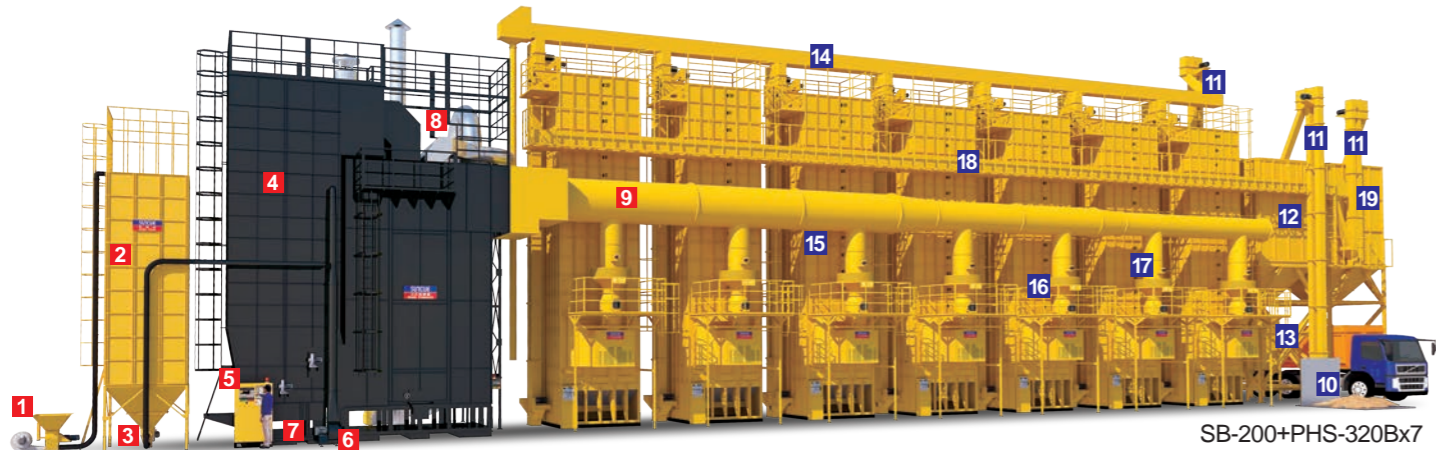


Environmentally Friendly & Carbon Reduction

- Annually reduce 540 tons of CO₂ emission, which equal to the volume that a 27 hectares of forest can absorb.

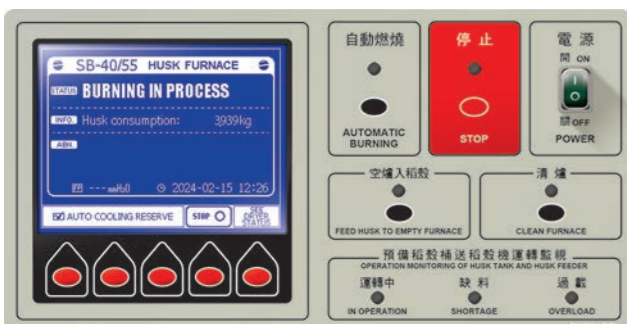
Exclusively Patented in Taiwan, USA, Japan, Korea, China, Southeast Asia...etc.

Rice Husk Furnace Drying Complex



- | | | | | |
|----------------------------|------------------------|--------------------|---------------------------------|-----------------------------|
| 1 Husk Tank Feeder | 5 Main Control Box | 9 Hot Air Duct | 13 Precleaner | 17 Hot Air Damper |
| 2 Husk Tank | 6 Auxiliary Air Blower | 10 Dumping Pit | 14 Loading Chain Conveyor | 18 Unloading Chain Conveyor |
| 3 Husk Feeder | 7 Auto Ash Discharger | 11 Bucket Elevator | 15 32-ton husk type grain dryer | 19 Dry Grain Silo |
| 4 Rice Husk Furnace SB-200 | 8 Cyclone | 12 Wet Grain Silo | 16 Micro Air Adjuster | |

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



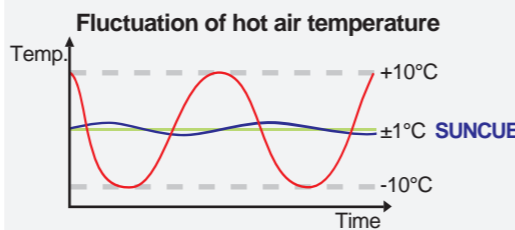
- Can connect multiple dryers. Allows different temperature settings on each dryer. Capable of maintaining constant temperature according to settings on each dryers.
- Simple interface, simultaneously control multiple dryers at constant temperature. Fool-proof design, the management requires no professional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

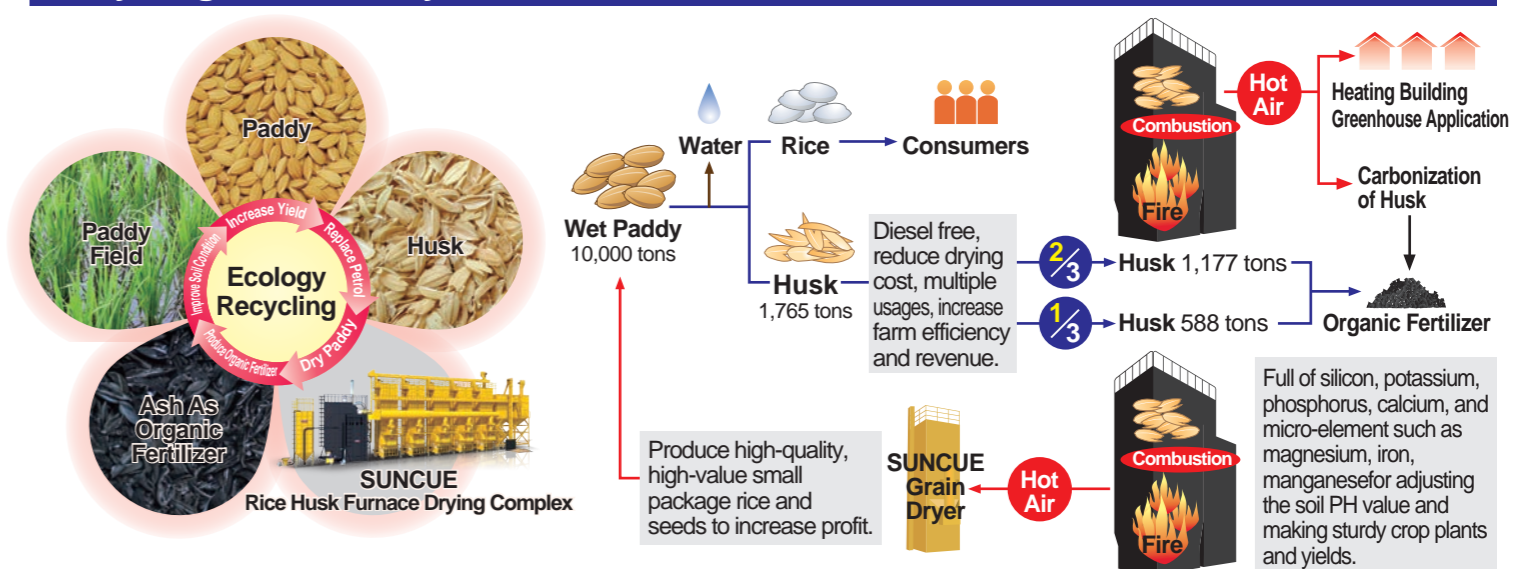
Constant hot air temperature



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



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

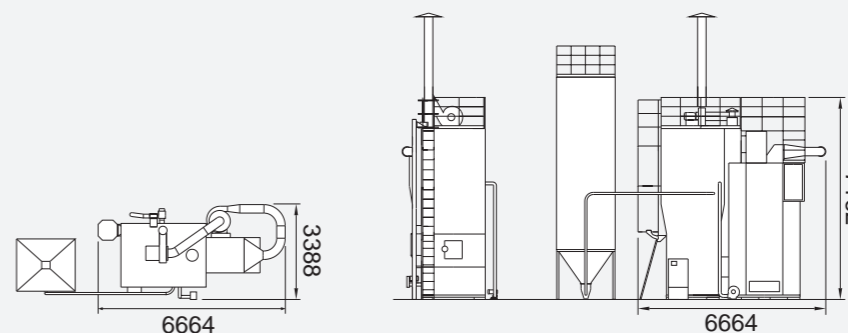


The only choice for producing best quality small-package rice with the lowest cost

- Low Drying Cost** Significantly reduces drying cost! You're no longer at the mercy of rising oil prices.
- Easy Management** Automatic computerized control, fool-proof design, easy operation.
- Best Rice Quality** 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

SB-55



Specifications

Item	SB-55
Max. Thermal Energy	Approx. Kcal/hr 550,000
Equivalent to Diesel Consumption	Approx. liter/day 1,571
Husk Consumption	Approx. kg/day under max. combustion 4,456
Ash Discharge	Approx. kg/day under max. combustion 576
Reduction of CO₂ Emission	Approx. ton/day 4.2
Power Consumption	kW 8.38
Net Weight	Approx. in ton 14
Dimension	LxWxH mm 6,664x3,388x7,162
Furnace Connecting Capacity	Commercial Paddy 28~60 Paddy Seed, Wheat Seed 33~90
Safety Devices	Abnormal Combustion Sensor, Flame Sensor, Automatic Abnormal Safe Guard, Thermal Relay, Rotation Sensor, Control Fuse

• 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.