

SUNCUE Steam Type Grain Dryer

SUPER-300 HS
SUPER-120 HS SERIES



Professional design for even drying

Durable design for professional and long-term usage

Suitable for users with boiler and want to utilize heat source of the boiler effectively

For users who don't have boiler should use Suncue husk type dryer which is a non-pressure vessel, easy to manage and low fuel cost



Certification of ISO 9001

SUNCUE STEAM TYPE DRYER

- Heat is supplied by boiler. Steam pressure should be around 6kg/cm² (can't supply over 7kg / cm²). By passing through heat exchangers, hot air can be used for drying immediately.
- Suncue grain dryer with steam heat exchanger can ensure high quality rice and seeds with fast drying rate and even moisture content.
- Boiler is a dangerous device. It should be installed in a boiler house and operated by professionally-trained personnel with official license by laws. The operation must obey local government regulations.
- Suncue steam heat exchanger uses special fin-type heat exchanger pipe.
- Durable design of steam heat exchanger with larger heat exchange area and high heat exchange efficiency, which can dry grains fast and evenly.
- Fully automatic temperature control. Hot air temperature can be controlled within $\pm 2^{\circ}\text{C}$ under normal boiler pressure and temperature increase range.



SUPER-300HS Heat exchanger



Special fin-type heat exchanger pipes



Automatic one-touch design of control box for steam type dryer.

Model		SUPER-120HS-7	SUPER-120HS-12	SUPER-300HS-5	SUPER-300HS-7	SUPER-300HS-12
Capacity (kgs)	Paddy	2800~12000			4000~30000	
	Wheat	3400~14550			5000~34000	
Dimension (mm)	Length(A)	3971	4321	4302	4395	4745
	Width	2660			3786	
	Height	9602			11629	
Net weight(kg) approx		2453	2558	5210	5265	5420
Voltage		3P, 220V/380V/415V/440V, 50HZ/60HZ				
Power Consumption (kW)		6.25 kW			13.1 kW	
Function	Loading	60 mins (approx)			65 mins (approx)	
	Unloading	58 mins (approx)			70 mins (approx)	
	Drying Rate	0.5~1.5 % / hr				
Temperature increase		+26~50°C	+16~76°C	+25~42°C	+41~71°C	+21~86°C
Application Region		Regular	Frigid	Regular	Cold	Frigid
Application Grains		Paddy · Wheat	Paddy · Wheat · Maize	Paddy · Wheat	Paddy · Wheat	Paddy · Wheat · Maize
Boiler capacity		0.6 ton	0.8 ton	1.0 ton	1.8 ton	2.2 ton
Boiler pressure		7 kg/cm ²				
Safety Devices		Thermo-over relay · Air pressure switch · Full load buzzer · Timer · Control fuse				

※ Drying rate listed is for reference only. Actual data will differ by ambient temperature, relative humidity, grain variety, hot air temperature, moisture rate before and after drying.
 ※ Specifications subject to change without notice.



SUNCUE COMPANY LTD.

No.396, Minsheng Rd., Wufeng Dist., Taichung City 413, Taiwan (R.O.C.)
 TEL:+886-4-2339-7171 FAX:+886-4-2330-2939
 www.suncue.com E-mail:suncue@ms10.hinet.net

SHANGHAI SUNCUE MACHINERY CO., LTD.

3039 Huaxiang Road, Minhang District, Shanghai, 201107 China
 TEL: +86-21-6221-1839 FAX: +86-21-6221-1848
 www.suncue.com