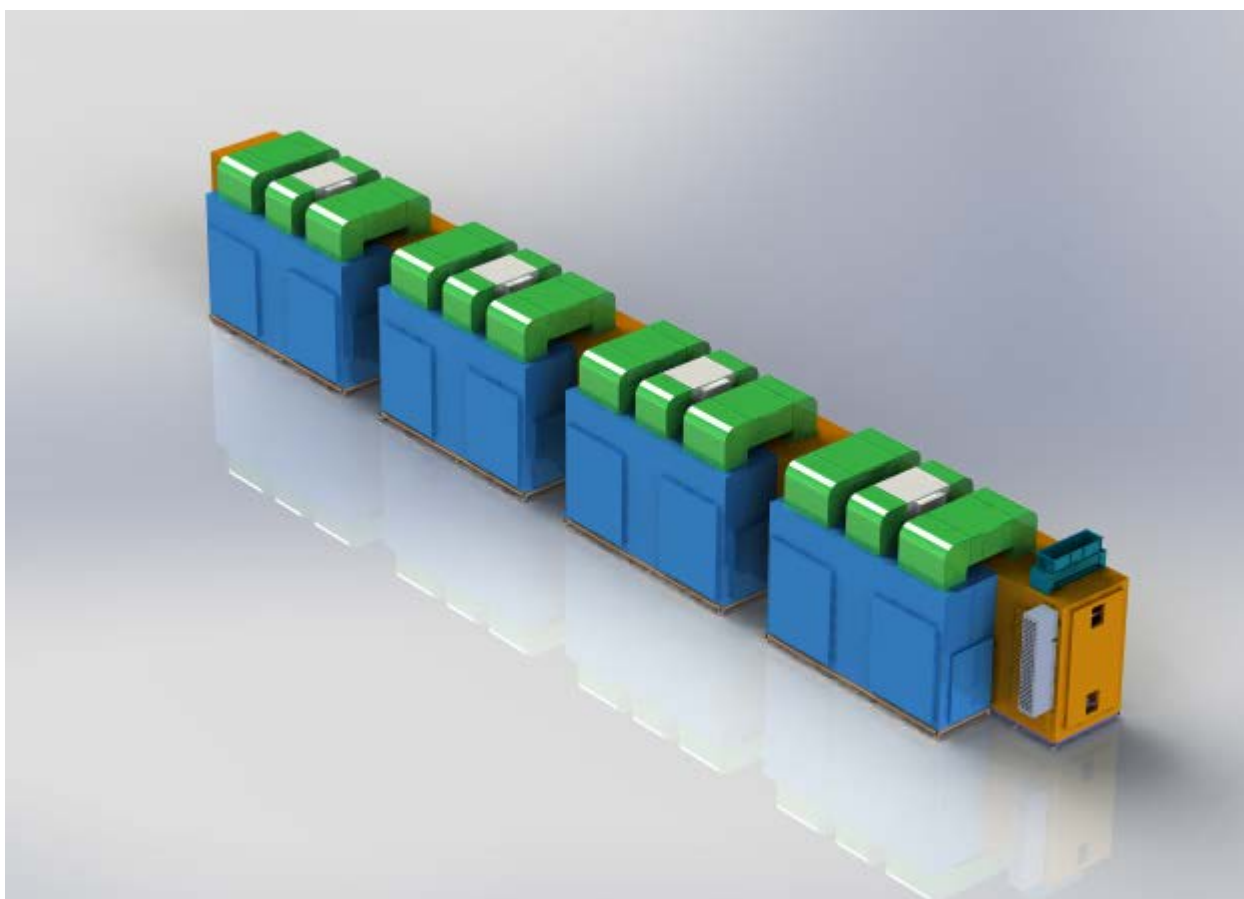


Millionsun Group



Large-Scale Drying Line



Dryfree Technology Equipment Co., Ltd.

www.dryfree.cn

www.millionsun.com (headquarters)

Company introduction

Dryfree Technology Equipment Co., Ltd is one of earliest manufacturer in China to design, manufacture, export for solar dryers, heat pump dryer machines and solar+ heat pump dryer for many domestic and commercial use for Asia, Africa, South America, US and some Europe markets.



Solar dryer use 100% solar power to dry and heat pump dryer can work 24 hours with electricity power. According to different requirements, our customers will decide to use only solar dryers on Rural place without electricity or use solar + backup heat pump dryer machine to assure 24 hours work. And also customers only use heat pump dryer machine because no solar power or no place to install solar air collectors. Decision only base on " Pay less for more power" for customers

Our solar+ heat pump dryer machine use for fruits dryer, food dryer, special economic goods like Tobacco leaf, etc and also popular to use for Industrial area for printing dry, enamel coating dry, mechanical dry and also more application.

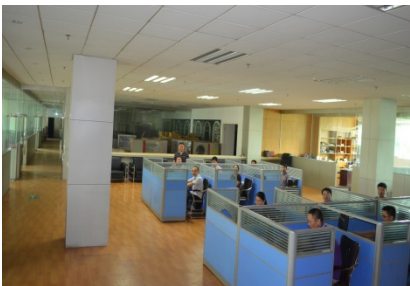
Dryfree insist to keep improving more stable quality, higher efficiency base on requirements from all our customers. All works we do for one target: "Higher goods quality, Lower energy cost ".

With more different requirements from customers, we now also design and manufacture more Custom-built type dry machine for customers like high dehydration dry system like dry fresh and some goods with more vapor. We design and manufacture heat pump dryer only for flow (rose) Cytosol recovery. And also we design and manufacture combined dry system like heat pump dryer + Microwave dry machine together for some Corn dry machine system. And we also use high steam to dry for some special goods with customers need.

With your application requirements, we can design and manufacture right energy-save dry machine for you. And we also can supply you solution with all parts for you and with easy installation. We can give you instruction or send engineer to help for installation if need and with backup service for operation for some commercial projects.

"Work with your need, save more energy cost, decrease more pollution" We hope to create more value for our customers and decrease more pollution and increase more green for our world.

Factory View

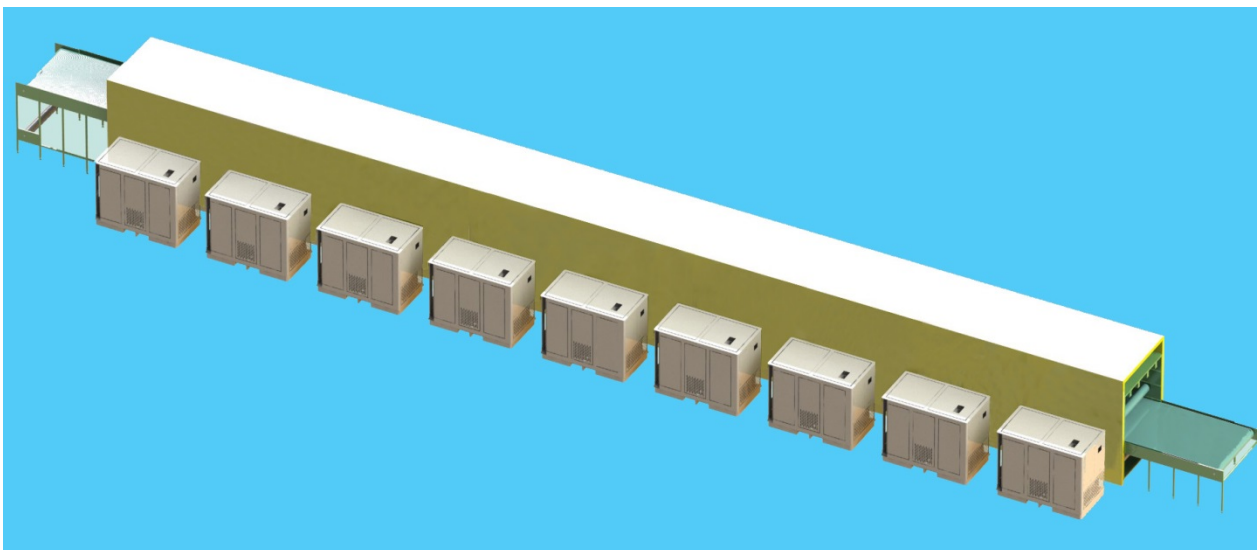


Large-Scale Drying Line

6m, 12m, 24 meters standard modular system design, high temperature drying, efficient dehumidification and conveyor belt material transport mode, not only can batch uninterrupted material transport to the drying line, achieve mass production, multi-layer conveyor belt and back transport mode, but also can play the role of turning over materials in the transportation process, greatly increasing the contact area and contact time between materials and hot air. The drying speed is fast, and drying and dehumidification effect are good. The whole system is enclosed in circulation, free of dust and particulate matter pollution to the atmosphere. covering a small area, suitable for large and medium-sized industrial dryer treatment.

Product features:

1. Closed cycle drying, no pollution to the atmosphere and surrounding environment, in line with the requirements of environmental protection.
2. Conveyor belt material transportation can realize goods drying.
3. Quick drying, good effect and significant energy saving
4. Fully automatic operation, no need for manual supervision.
5. Batch continuous and automatic drying
6. goods with water content above 80% can be quickly dried to water content below 30%.
7. Modular unit, small occupation area, easy to adjust equipment operation position.
8. No infrastructure required.



Processing capability:

6m standard drying line:

1sets 48P high temperature heat pump drying and dehumidifying all-in-one machine, to dehydrate 2500kg water per day (calculated by drying sludge with 80% water content to 25% water content).



12m standard drying line:

2sets 48P high temperature heat pump drying and dehumidifying all-in-one machine, to dehydrate 5000kg water per day (calculated by drying sludge with 80% water content to 25% water content).

24m standard drying line:

4sets 48P high temperature heat pump drying and dehumidifying all-in-one machine, to dehydrate 10000kg water per day (calculated by drying sludge with 80% water content to 25% water content).



Technical parameter:

Model	DY-6M/48P	DY-12M/96P	DY-24M/192P
Size (length*width*height)(mm)	6*2.24*2.6 m	12*2.24*2.6 m	24*2.24*2.6 m
Equipment drying structure	4 layers of plastic chain plate +1 layer of recovery		
Equipment drying system	Heat pump dehumidification		
Equipment material	304 stainless steel		
feed moisture content	85%		
Water content of discharge	20-30%		
Energy consumption of dehydration (KG/KWH)	3		
Dehydration per hour (kg/h)	120	250	500
Daily dehydration (kg)	2400	5000	10000
Daily goods treatment (kg)	3000-5000	6000-8000	13000-15000
Voltage (V) /Frequency (HZ)			400V /50HZ
Total power (KW)	40	80	150
Rated current(A)	80	150	286
Heat pump configuration power (HP)	48	96	192
Heat pump air inlet temperature(°C)	80-85		
Heat pump air inlet humidity(%)	10%-15%		
Heat pump return air temperature(°C)	45-55		
Heat pump return air humidity(%)	50%-70%		
Controller	Touch screen +PLC programmable controller		
Anti-electric shock Rate	Class 1		
Protection class	1P×4		
Environment temperature(°C)	0-40		
Noise[dB(A)]	55		

Project photos

Sludge
Drying.



Sludge
Drying



**Sludge
Drying**



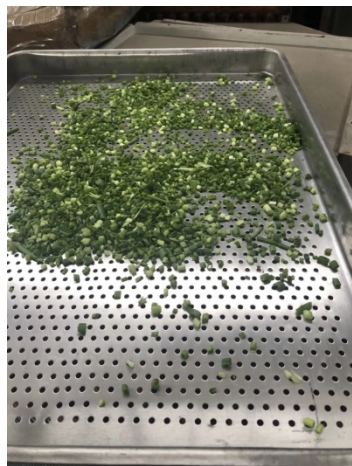
**Queensland
nut drying**



**Noodles
drying**



**Scallion
drying**



**Maybush
drying**

