DESCRIPTION

The chain plate firewood coal drying machine is suitable for continuous line tea production, which greatly saves labor costs. It adopts 6mm thick super alloy steel plate and high-quality diesel burners and high-efficiency heat exchange devices, with small heat loss and fast machine heating. With high power and large air volume motor, It can quickly exhaust the hot and humid air inside the machine, and it also has a hot air circulation device, which can effectively reduce the temperature change inside the machine and greatly save fuel costs. The machine uses firewood and coal for heating. It is suitable for tea gardens with many wood resources. The fuel is easy to obtain and the price is low. The actual measurement requires only 120 kg of wood (20□) per hour and the fuel cost is extremely low. It is an ideal model for mass production of tea.
The machine can adjust the air volume and drying time for different tea production, ensure that the tea is completely dried.And optimize the internal structure, low noise,when the material is dropped, the smallest damage to the tea. Make sure that the good color of the tea,good flavor,high quality.
This machine can not only dry tea but also various foods such as fruits, vegetables, meat, seafood, etc.Supports custom stainless steel styles and custom machine sizes as needed.

ADVANTAGE

1. Using hot air as the medium to make continuous contact with the wet material, so that the water contained in the wet material can be diffused, vaporized and evaporated to remove the heat, thereby achieving the drying purpose;
2. Adopting CNC punching technology, the mesh is flat, the air permeability is good, the structure is firm, the stratified air enters, the hot air penetrates strongly, the water vapor transmission speed is fast, the water does not accumulate in the tank, and the efficiency is high;
3.Using the latest hot gas recovery technology, mechanical heating fast, heat loss is small;
4.The whole machine is strong, the appearance is generous, the lines are tough, the new ultra-low hopper design, stable and practical, easy to dump, high work efficiency; at the same time with high-quality parts, new microcomputer automatic control, easy to operate, stable quality It saves time and effort, and is the ideal machine for drying your materials.

APPLICATION

Chain Plate Tea Drying Machine is suitable for processing black / green / oolong / white / dark / herbal tea, the following is the working time required for the above tea production.

Type Of Tea	Working Time
Black Tea	10-30 Minutes
Green Tea	10-30 Minutes
White Tea	10-30 Minutes
Oolong Tea	10-30 Minutes
Herbal Tea	10-30 Minutes

The above data is for reference only, and the specific processing time shall be determined

according to the actual situation.

SPECIFICATION

Wood Coal Heating Chain Plate Tea Drying Machine specification list:

Model		DL-6CHL-CM30
Size		9050×2120×2230 mm
Voltage		220V / 380V
Drying area		30 m^2
Drying plate later		8
Drying time		8-90 min
Heating element		Hot air stove
Fuel		Wood/coal/pellet fuels
Oven model		FP-120
Drive motor	Power	2.2 KW
	Speed	1400 rpm
	Voltage	220 V
Feed motor	Power	0.55 kw
	Speed	1400 rpm
	Voltage	220 V
Moisture content of wet tea		≈ 50%
Moisture content of dried tea		≤5%
Weight loss per m² per hour		3 kg
Capacity for wet tea		190 kg/h
Capacity for dried tea		100 kg/h

Wood coal consumption for each machine :

Drying Area	10-20 m^2	24-32 m^2	40-60 m^2
Capacity	40-105 kg/h	140-210 kg/h	290-570 kg/h
Stove Model	FP-100	FP-120	FP-150
Wood consumption	120-140 kg/h	170-190 kg/h	210-240 kg/h
Coal Consumption	60-70 kg/h	80-90 kg/h	110-120 kg/h
1kg wood = 3000 kilocalorie 1kg coal = 6500 kilocalorie			

Specification of all of Wood Coal Heating Chain Plate Tea Drying Machine.

Model	Drying Area	Capacity (Wet Tea)	Output (Dried Tea)
6CHL-CM10	10 m^2	42 kg/h	22 kg/h
6CHL-CM16	16 m^2	90 kg/h	50 kg/h
6CHL-CM20	20 m^2	105 kg/h	55 kg/h

6CHL-CM24	24 m^2	140 kg/h	75 kg/h
6CHL-CM30	30 m^2	190 kg/h	100 kg/h
6CHL-CM32	32 m^2	210 kg/h	110 kg/h
6CHL-CM40	40 m^2	295 kg/h	155 kg/h
6CHL-CM50	50 m^2	420 kg/h	220 kg/h
6CHL-CM60	60 m^2	570 kg/h	300 kg/h

The above data source: our local loose leaf tea, moisture content of wet tea : ≈ 50%, moisture content of dried tea : ≤5%.

If you have special need, it can be customized according to the needs of customers.

PHOTOS

Assistant

Chain Plate Tea Dryer

DL-6CHL-CM30

Wood / Coal Heating

Drying Area : 30m²

For All Kind Tea

Wet Tea : 370 kg/h

Dried Tea : 200 kg/h

Plate Size: 1000×125mm

L: 750cm W: 218cm H: 240cm

Website: delijx.com Email: info@delijx.com
WhatsApp/ WeChat/ Tel: 0086-18120033767

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CONTACT

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