

60KW Honeysuckle Microwave Drying Machine For Sale In Zambia

The application of microwave equipment in honeysuckle fixing is mainly due to its thermal effect. When the magnetron generates microwaves and shines on the gold and silver flowers, the polar molecules inside the honeysuckle are affected by the periodic changes of the microwaves and perform periodic activities with the microwaves.

In September 2021, this Zambian customer saw my mailbox on our Microwave Drying Machine website, her name is Johnny, and she has more than 10 years of experience growing honeysuckle in Zambia. I received an enquiry from Johnny and we added WhatsApp for more convenient communication.

Johnny said she is very interested in honeysuckle microwave drying equipment because she wants to expand production.

[sample of 60KW Honeysuckle Microwave Drying Machine](#)

Because Johnny is the first time to contact the microwave process, she is not very familiar with microwave sterilization equipment, so in the communication and exchange with the customer, I focused on introducing the technology and benefits of honeysuckle microwave equipment to her.

1.What Is The Process Of Honeysuckle Microwave Drying Equipment?

The application of microwave equipment in honeysuckle fixing is mainly due to its thermal effect. When the magnetron generates microwaves and shines on the gold and silver flowers, the polar molecules inside the honeysuckle are affected by the periodic changes of the microwaves and perform periodic activities with the microwaves.

Due to the high frequency of microwaves, the molecules inside the honeysuckle collide at high speed and generate a large amount of frictional heat to rapidly increase the temperature of the material, so as to achieve the effect of rapid heating.

[Microwave Drying Machine Layout](#)

2.What Are The Benefits Of Using Microwave Drying Equipment To Dry Honeysuckle?

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|---|--|
| 60KW Honeysuckle Microwave Drying Machine | |
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| NO. | Advantages of honeysuckle microwave Drying equipment |
|-----|--|
| 1 | Fast heating speed: Microwave can directly heat the inside and outside of honeysuckle in a short time, without preheating, it can be processed after turning on the microwave. |
| 2 | The heating is uniform, and the microwave fixing is that the electromagnetic wave from the magnetron is evenly irradiated on the honeysuckle, and the inside and outside of the honeysuckle are heated at the same time, without coke leaves, coke edges, debris, etc. |
| 3 | Less nutrient loss of honeysuckle: The honeysuckle stays in the microwave heating, and it does not require air and steam to conduct heat, so the nutrients in the honeysuckle are retained to the greatest extent. |
| 4 | The effect of alcoholization is great: honeysuckle has a heavy picking and production process, which is often the possibility of secondary pollution. Microwave fixing and drying can avoid alcoholization. Microwave is especially suitable for summer and autumn tea, which can reduce astringency and improve the quality of tea. |
| 5 | The quality of tea has been improved, the surface temperature of honeysuckle is lower, the greening is microwaved, the change of leaf green is small, the color is emerald green, the loss of aroma is small, and the drying is uniform. |
| 6 | Reduce labor intensity and improve work efficiency. |

After Johnny got familiar with the technology and advantages of microwave drying of honeysuckle with our help, I introduce the components of microwave drying machine of honeysuckle.

| Main Components Of microwave drying machine of honeysuckle | |
|--|---|
| 1 | Microwave Cavity |
| 2 | Microwave Generator |
| 3 | Waveguide |
| 4 | Suppressor |
| 5 | Material Handling Mechanism |
| 6 | Heat And Moisture Dissipation Mechanism |
| 7 | Measurement System |
| 8 | Automatic Control System |
| 9 | Operator Interface |

The structural form, power configuration, and ancillary means of microwave drying machine of honeysuckle are determined according to the specific production process. The company can produce the appropriate equipment according to the actual situation of the customer.

Jahnny grows 200,000 tons of honeysuckle every month in Zambia, so we recommend her to buy 60KW microwave equipment.

What Is The Technical Parameters Of Honeysuckle Microwave Drying Machine?

| Technical Parameters Of Honeysuckle Microwave Drying Machine | | | | |
|--|------------|-------|------------------------------|----------------|
| No | Modle | Power | Sterilization Capacity(Kg/h) | Size L*W*H(mm) |
| 1 | LY-12KWSP | 12KW | 120-150kg/h | 7010mm*840mm |
| 2 | LY-20KWSP | 20KW | 200-250kg/h | 9350mm*840mm |
| 3 | LY-30KWSP | 30KW | 300-375kg/h | 11690mm*840mm |
| 4 | LY-40KWSP | 40KW | 400-500kg/h | 10520mm*1060mm |
| 5 | LY-50KWSP | 50KW | 500-630kg/h | 11690mm*1060mm |
| 6 | LY-60KWSP | 60KW | 600-750kg/h | 12860mm*1060mm |
| 7 | LY-70KWSP | 70KW | 700-870kg/h | 14030mm*1060mm |
| 9 | LY-100KWSP | 100KW | 1000-1250kg/h | 15200mm*1200mm |
| 10 | LY-150KWSP | 150KW | 1500-1875kg/h | 21050mm*1200mm |

After a month of communication, on October 16, 2022, Johnny confirmed the order, and soon, we received his deposit, and completed the production within 30 working days, after Jahnny paid us the balance, we immediately put the machine Shipping to Zambia.

60KW Honeysuckle Microwave Drying Machine In Zambia customer workshop