Advantages of microwave hot air combined drying equipment:

1. Energy saving and efficient.
The microwave hot air drying equipment adopts radiation energy transfer, which is the overall heating of the medium, without other heat transfer medium, high speed, high efficiency, greatly shortened drying cycle and reduced energy consumption. Compared with conventional drying technology, it can increase the work efficiency more than four times.

2. Heat evenly.
Since the microwave heating is simultaneous heating inside and outside the material, the temperature difference between the inside and outside of the material is small, and the inconsistency between the inside and the outside of the heating in the conventional heating is not caused, the drying quality of the continuous microwave hot air combined drying equipment is greatly improved.

3. Easy to control.
Due to the rapid adjustment of microwave power and the characteristics of inertialessness, the continuous microwave hot air combined drying equipment is easy to control in time, which facilitates the adjustment and determination of process parameters.

4. Large capacity.
continuous microwave hot air combined drying equipment saves time and improves work efficiency.

5. Product safety and hygiene.
The continuous microwave hot air combined drying equipment has the functions of disinfection and sterilization, can prevent mildew, phlegm and prolong the shelf life.

Continuous microwave hot air combined drying equipment does not produce three wastes - waste gas, waste water, waste residue.

Due to the double-layer conveyor belt, the equipment footprint can be minimized, and the absorption load in the microwave drying sterilization box can be increased. Continuous drying equipment is more conducive to microwave matching so that energy can be fully
utilized.

**Different types of continuous microwave hot air combined drying equipment:**

<table>
<thead>
<tr>
<th>Model</th>
<th>DL-48 KW</th>
<th>DL-80KW</th>
<th>DL-120KW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microwave frequency</td>
<td>2450/915MHz</td>
<td>2450/915MHz</td>
<td>2450/915MHz</td>
</tr>
<tr>
<td>Output power</td>
<td>48KW</td>
<td>80KW</td>
<td>120KW</td>
</tr>
<tr>
<td>Transmission speed</td>
<td>0-5m / minute (adjustable)</td>
<td>0-5m / minute (adjustable)</td>
<td>0-5m / minute (adjustable)</td>
</tr>
<tr>
<td>Leakage value</td>
<td>≤3mw/m²</td>
<td>≤3mw/m³</td>
<td>≤3mw/m³</td>
</tr>
<tr>
<td>Size (mm)</td>
<td>7000x840x1800</td>
<td>10500x840x1800</td>
<td>12500x1200x1800</td>
</tr>
<tr>
<td>Drying capacity</td>
<td>120-150kg/h</td>
<td>300-400kg/h</td>
<td>500-600kg/h</td>
</tr>
</tbody>
</table>

As a professional manufacturer, we offer many types of microwave-hot air dryers, you can see their detailed parameter information from the table below:

Remarks: Various types of continuous microwave hot air combined drying equipment can be customized according to user requirements.

Schematic diagram 1 of continuous microwave hot air combined drying equipment
Schematic diagram 2 of continuous microwave hot air combined drying equipment

Hopper 1, lifting belt 2, speed regulating motor 3, lower hopper feeder 4, upper conveyor belt 5, lower conveyor belt 6, hot air device 7, microwave tube 8, microwave housing 9, dehumidification device 10, microwave suppressor 12, guide plate 13, circulating water cooling device 14

For many years, our Leader Microwave Equipment Company’s continuous microwave hot air combined drying equipment and ceramic green body microwave drying equipment have been exported to the Middle East, Europe and the United States and other countries and regions. The equipments are highly recognized by foreign customers. Sincerely welcome investors to consult or visit the trial to discuss cooperation.