



鼎华科技  
DING HUA TECHNOLOGY

# SHENZHEN DINGHUA TECHNOLOGY DEVELOPMENT

Add: 3rd Floor, 46th Building Da Yangtian Industrial Zone, Baoan District, Shenzhen, China

Tel: 86-755-29091822 Fax: 86-755-29091622 Email: [sales@dinghua-bga.com](mailto:sales@dinghua-bga.com)

Web: [www.sinobga.com](http://www.sinobga.com)

## *DH-A09L BGA rework station*

Lower shipping  
charge machine



**Remark:** **WARRANTY:** Three years warranty for heater wire, one year for other parts of machine, free lift-long technical support  
**DELIVERY:** Within 2 business days upon receipt of full payment  
**PAYMENT:** Western Union, T/T, Paypal, Escrow.



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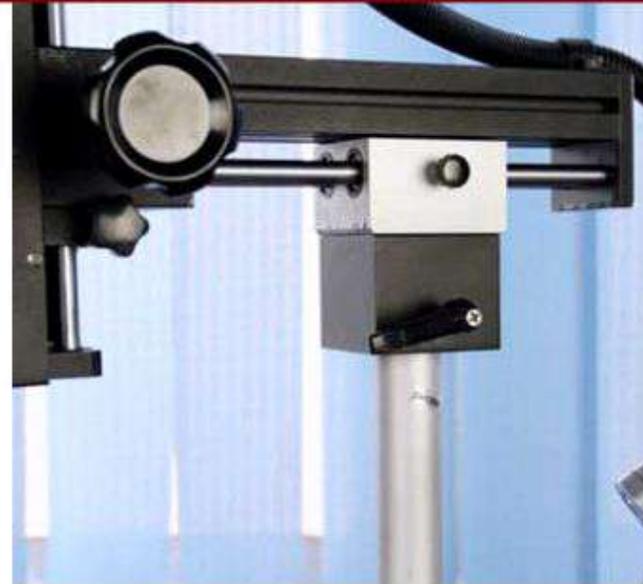
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## Details of DH-A09L:

1. the upper hot air heater is turbine processing, presenting the whirlwind is more balance than the ordinary wind.



2. the upper heater can be moved up/down front/back, rotate freely



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3. Three independent heaters, upper and lower heater are hot air, bottom is infrared. total power 4800W



4. Nozzles with reflow, when the heating is over high, the cross flow air can turn automatic to help cooling the PCB board.



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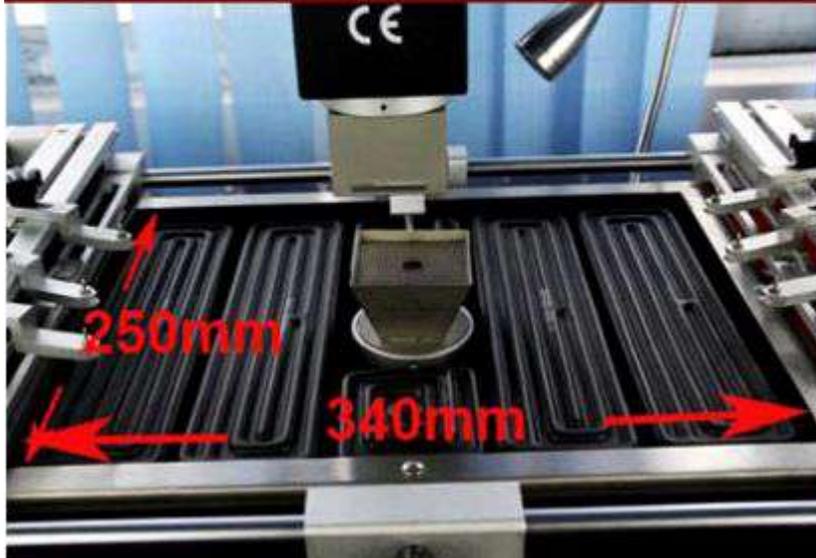
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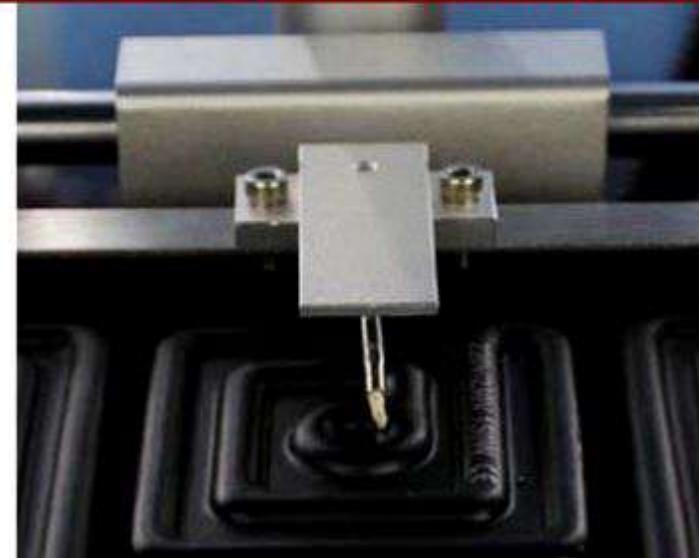
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5. Taiwan large size ceramic infrared plate,  
Preheating for the PCB board, prevent it from  
deformation.



6. Strong sense of thermometer:  
temperature measurement more accurate.  
the maximum guarantee welding quality



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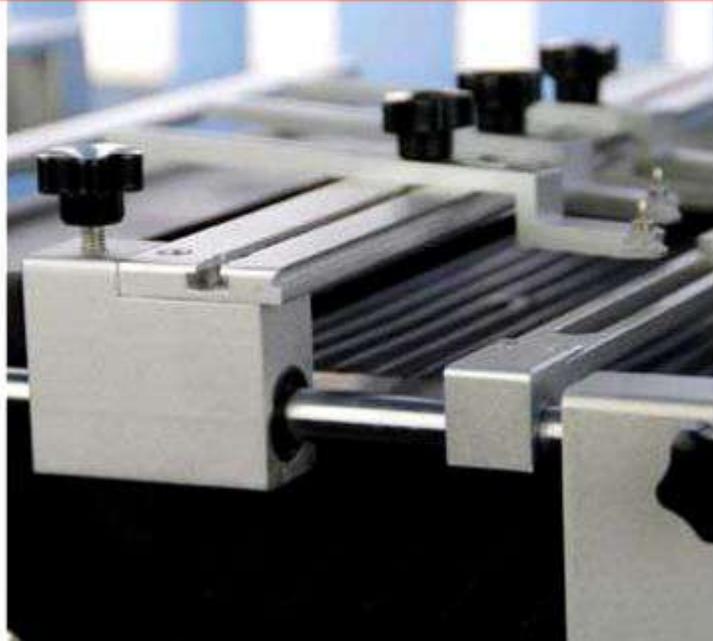
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7. movable pcb table + universal fixtures,  
can support all kinds of pcb boards.



8. Taiwan LED working light, can be adjust  
in any angle. Effective see tin melting or  
Whether mildew on small components



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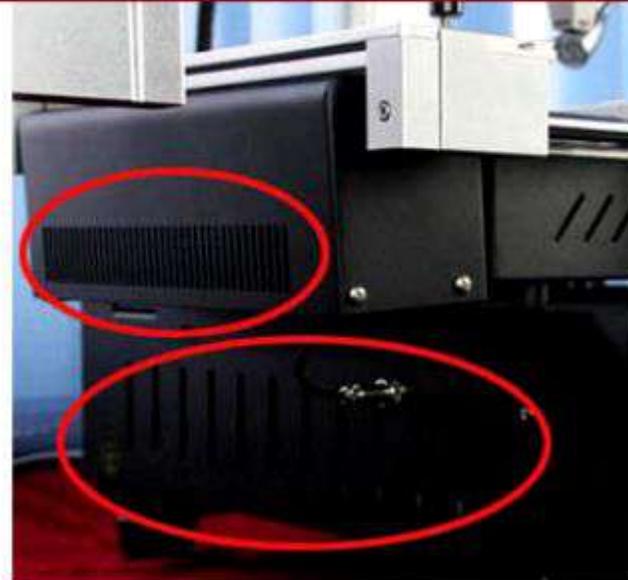
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9. Powerful cross flow fan, fast cooling for pcb and machine, prevent them from deformation.



10. Big thermovent, fast cooling for the whole machine.



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11. Independent R/L switch of bottom IR preheating zone. Save power and energy repair small pcb.



12. Lower heater height adjust knob  
Keep best distance between pcb and lower heater nozzle.



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13. Three independent keypad controller, configuration, high-precision, can store 10 groups of temperature profiles.



14. Temperature sensor, connected with sensor wire to detect actual temperature, help analyse and correct parameters.



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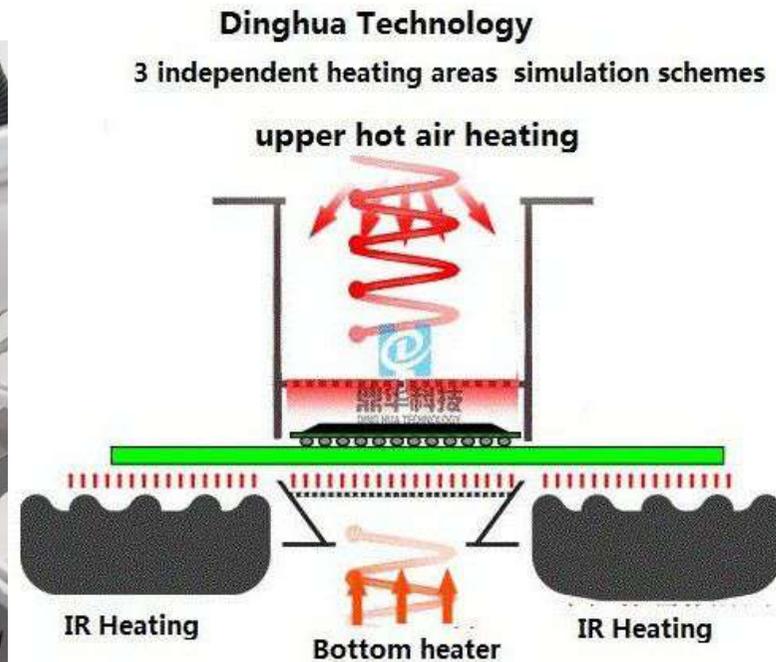
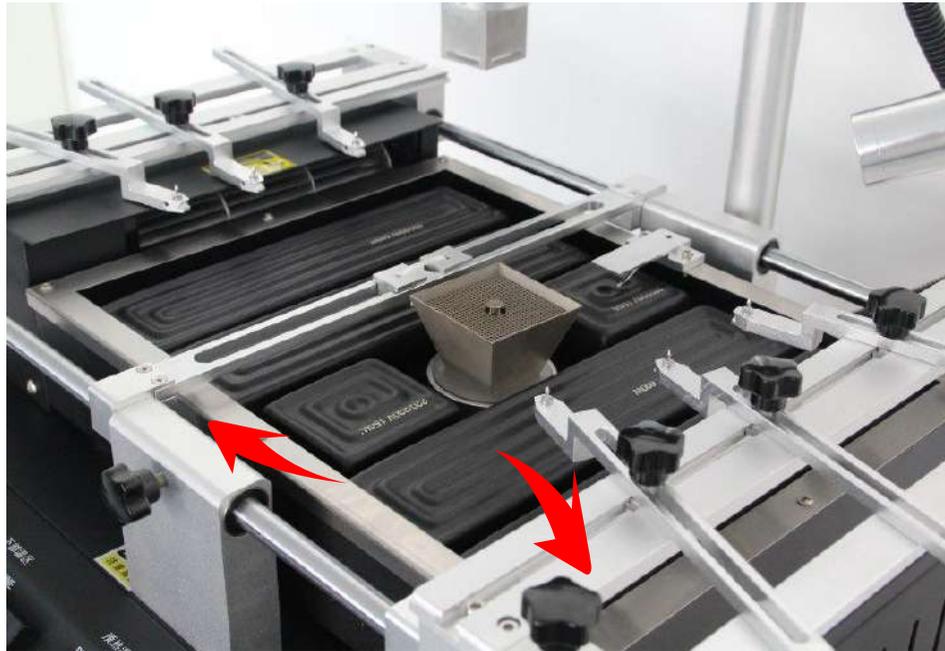
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- ✧ Three heating zone: top hot air, lower hot air, bottom large size Infrared heating zone
- ✧ Over 1000 groups of temperature profile storage.

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## Accurate temperature controlling system



### How to get the accurate temperature is the most important aspect for repairing BGA chip

As we know, how to control the temperature is very important when we soldering or desoldering the bga, our machine use PID control, the data acquisition frequency of our machine is 10ms(which means every 10ms the PID will grab the data to correcting the temperature,), but for most of bga rework station from other company, their PID grab frequency is 30ms,this is a big difference between 10ms and 30ms, That's why our machine is more accurate.

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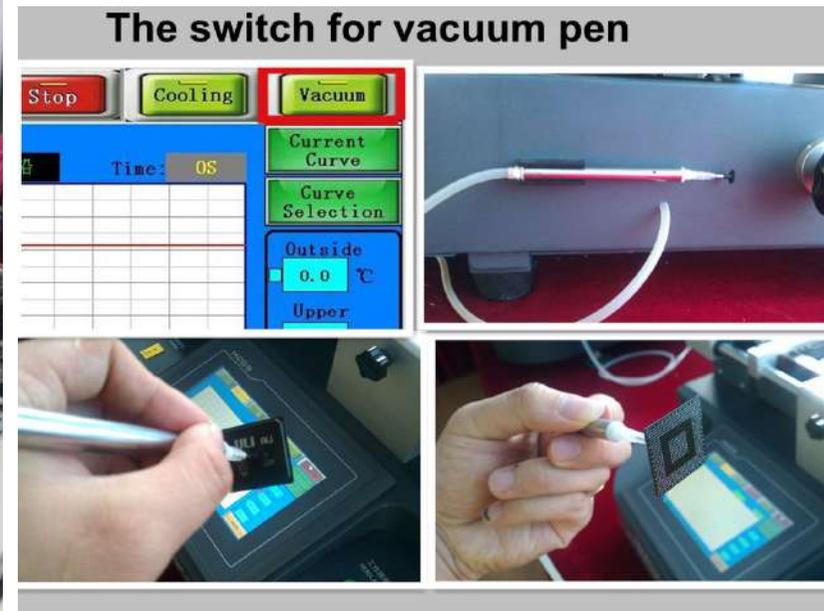
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Hot air nozzles, 360 degree rotation, easy to install and replace, customized is available.

The vacuum pen can be switch on/off according to your request



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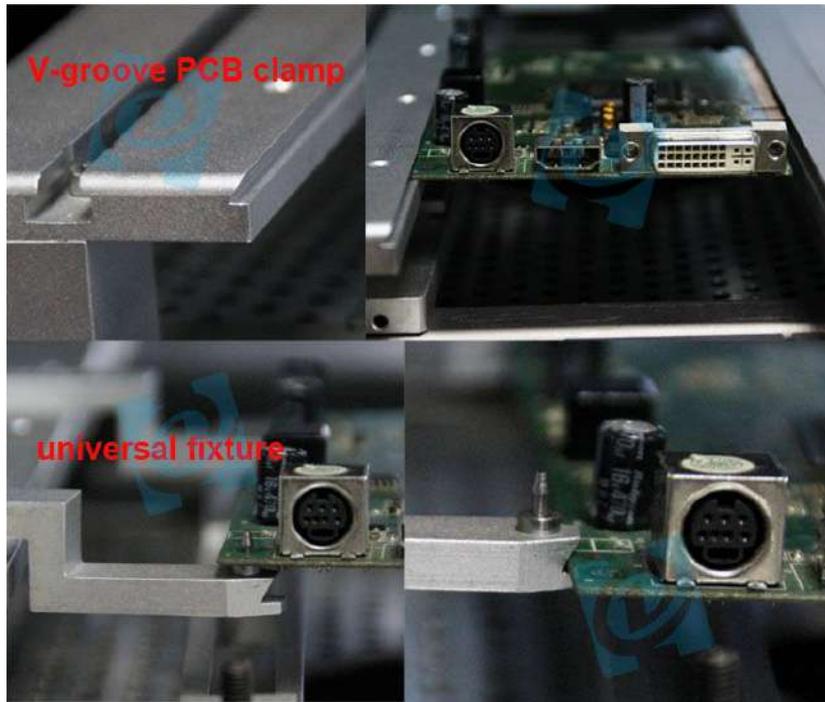
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**V-groove PCB support** for rapid, convenience and accurate positioning that fits for all kinds of PCB board



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**Standard plywood box : packing very careful, protect it from damage in transport.**



**Remark:** **WARRANTY:** Three years warranty for heater wire, one year for other parts of machine, free life-long technical support  
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## Remark:



All kinds of Spart parts

available:

Some free, some charge

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