



## WDS1800 Fully Automatic BGA Rework Station Fast and Accurate Reworking Solution for large size pcb repairing

### Our Product Introduction

for more products please visit us on [bgaxraymachine.com](http://bgaxraymachine.com)

#### Basic Information

- Place of Origin: CHINA
- Brand Name: WDS
- Certification: CE
- Model Number: WDS1800



#### Product Specification

- Smt Precision:  $\pm 0.01\text{mm}$
- Bottom Heater Power: Max 8000W
- Power: 12000W
- Weight: About 580KG
- Max Pcb Size: 640\*490mm
- Machine Weight: 580kg
- Voltage: 220/110V
- Software Control: Windows Based
- Highlight: **wds1800 fully automatic bga rework station,**  
**wds1800 infrared bga rework station,**  
**large infrared bga rework station**

## Product Description

### Product Description:

The station comes equipped with automatic vision alignment technology that ensures precise and accurate alignment of the BGA balls. This feature eliminates the need for manual alignment, reducing the risk of errors and increasing efficiency. The HD monitor provides a clear view of the BGA balls, making it easy to monitor the rework process.

With a maximum PCB size of 640\*490mm, this BGA rework station is suitable for a wide range of applications. The station also offers a high level of SMT precision, with a tolerance of  $\pm 0.01$ mm. This level of precision ensures that the reworked BGA balls are aligned correctly, resulting in a reliable and durable connection.

The Fully Automatic BGA Rework Station is also suitable for small-scale projects, with a minimum PCB size of 10\*10mm. This feature makes it a versatile tool that can be used for a wide range of applications, from large-scale industrial projects to small-scale hobbyist projects.

The machine is designed to meet industry standards, with a high level of reliability and durability. The station is built to withstand the demands of continuous use, making it a popular choice among industry professionals. The station is also designed for ease of use, with a user-friendly interface that makes it easy to operate.

In conclusion, the Fully Automatic BGA Rework Station is a versatile and reliable tool that is suitable for a wide range of applications. With its automatic vision alignment technology, HD monitor, and high level of SMT precision, the station is perfect for industry professionals who require the highest level of quality and efficiency. Whether you are working on a large-scale industrial project or a small-scale hobbyist project, the Fully Automatic BGA Rework Station is the ideal tool for the job.

### Features:

Product Name: Fully Automatic BGA Rework Station

Smt Precision:  $\pm 0.01$ mm

Power: 12000W

Upper Heater Power: Max 1200W

Vision Alignment: Automatic Alignment

Pcb Position Mode: V Type Card Slot+universal Fixture

This Full automatic BGA rework station is equipped with advanced technology, making it an ideal choice for manufacturers.

### Technical Parameters:

Upper Heater Power	Max 1200W
Bottom Heater Power	Max 8000W
Pcb Thickness	0.8mm - 8mm
Software Control	Windows Based
Voltage	220/110V
Max Pcb Size	640*490mm
Mini Pcb Size	10*10mm
Vision Alignment	Automatic Alignment
Pcb Position Mode	V Type Card Slot+universal Fixture
Machine Weight	580kg

For plant, industry degrees, large size touch screen.

### Applications:

One of the key features of the WDS1800 is its X/Y/Z moveable system, which allows for precise and accurate positioning of components. This makes it ideal for use in applications where precision is critical, such as in the manufacturing of high-tech electronics. The machine is also equipped with an industry computer, which provides a user-friendly interface for controlling the machine and monitoring its performance.

There are many different occasions and scenarios where the WDS1800 can be used. For example, it is perfect for use in research and development labs, where engineers need to prototype new electronic devices and test their performance. The machine's high precision and accuracy make it ideal for this type of work, as it can quickly and easily rework PCBs to accommodate new components and designs. The WDS1800 is also a great choice for electronics manufacturers who need to produce large volumes of high-quality products. The machine's powerful 12000W heating system and moveable platform make it easy to rework a wide variety of PCBs quickly and efficiently, ensuring that production schedules are met and products are delivered on time.

Additionally, the WDS1800 can be used in repair shops and service centers where technicians need to repair or replace components on damaged PCBs. The machine's precision and accuracy make it easy to remove and replace components without damaging the PCB, ensuring that repairs are completed quickly and efficiently.

Finally, the WDS1800 is a great choice for any company that needs a reliable and efficient reballing machine for their electronics manufacturing or repair operations. With its powerful heating system, moveable platform, and industry computer, this machine is a must-have for any company looking to improve their production efficiency and quality.

## Support and Services:

The Fully Automatic BGA Rework Station is a high-performance rework system designed for reballing and repairing BGA, CSP, QFN, and other SMD components. It features a precision placement system for accurately aligning and placing components, and a high-temperature heating system for effective soldering and desoldering.

The product technical support and services for the Fully Automatic BGA Rework Station include:

24/7 technical support via phone or email

Online documentation and troubleshooting guides

On-site installation and training services

Warranty and repair services

Supply of spare parts and accessories

Our team of experienced technicians are dedicated to providing reliable and efficient support for our customers. We are committed to ensuring that our customers receive the highest level of service and satisfaction with their Fully Automatic BGA Rework Station.

## Packing and Shipping:

### Product Packaging:

1 Fully Automatic BGA Rework Station

1 Power Cord

1 User Manual

1 Warranty Card

### Shipping:

Shipping will be processed within 1-2 business days after payment confirmation.

Standard shipping takes 5-7 business days for delivery.

Expedited shipping options are available at an additional cost.

International shipping is available, but additional fees may apply.

Shipping insurance is recommended and can be added during checkout.



**Shenzhen Wisdomshow Technology Co.,Ltd**



+86 17727914291



Mia@wdsbga.cn



bgaxraymachine.com

No.6,Haosi Western Industry,Shangjing Town,Bao'an District,Shenzhen,China