



## Large Automatic Reballing Machine 5G Server BGA Rework Soldering Station IC Chip Repairing

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: WDS
- Certification: CE
- Model Number: WDS-1250
- Minimum Order Quantity: 1 UNIT
- Packaging Details: Wooden case
- Delivery Time: 8-15 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 150 UNITS PER MONTH



#### Product Specification

- Use: Mobile Phone/laptop BGA/IC Rework And Repair
- Total Power: 16000W
- PCB Size: Max1200\*700mm Min 10\*10 Mm
- BGA Chip Size: Max120\*120mm Min 0.6\*0.6mm
- Power: Ac220v  $\pm 10\%$ , 50/60hz
- Thermocouple Port: 13pcs
- Dimensions: L1350\*W1300\*H1920mm
- Voltage: 220/110V
- Weight: 750KG
- Highlight: Large Automatic Reballing Machine,  
5G Server BGA Rework Soldering Station ,  
IC Chip Repairing BGA Rework Station

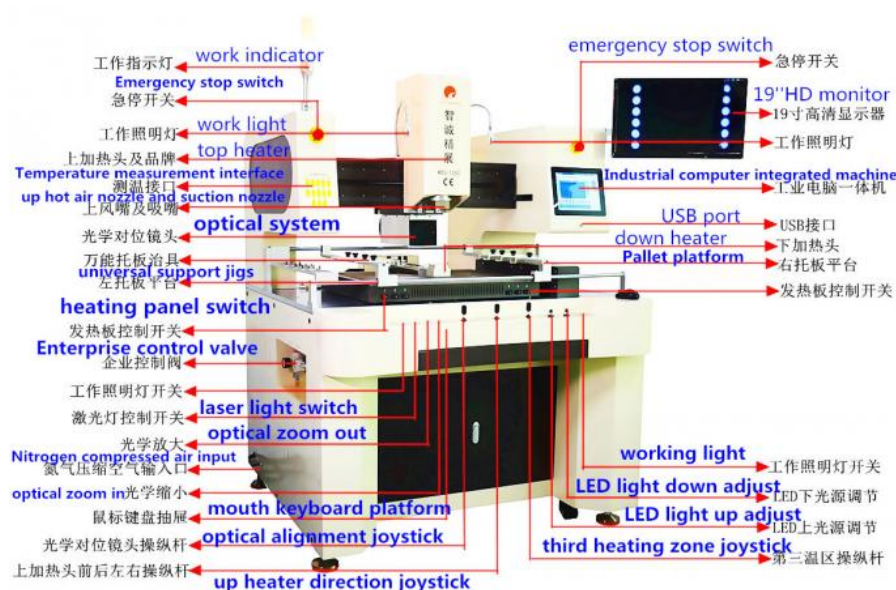
## Product Description

### 5G and large server motherboard WDS-1250 Large Automatic BGA Rework Station

#### Specification

Model	WDS-1250
The power supply	Ac380v $\pm$ 10%, 50/60Hz
The total power	16000w
Heater power	The upper part is heated by hot air, the maximum is 1600W Lower hot air heating, maximum 12000W Infrared preheating at bottom, maximum 8000W
PCB positioning mode	V type card slot + universal fixture
Temperature control mode	High-precision K-type thermocouple closed-loop control, independent temperature measurement, temperature accuracy up to $\pm 1$ degree
Electrical material	Touch screen industrial control integrated computer+temperature control module+ PLC+servo driver
Suitable for PCB size	Max 1200*700mm Min 10*10mm
Applicable chip size	Max 120*120mm Min 0.6*0.6mm
Applicable PCB thickness	0.3-8mm
Registration system	Optical rhomboid mirror+high-definition industrial camera
SMT precision	$\pm 0.01$ mm
Temperature measuring interface	13pcs
Maximum load of mounting	300G
Tin point monitoring	An external camera monitors the melting process of the tin ball during welding
Feeding device	Automatic feeding device
Overall dimensions	L1350*W1300*H1920
Machine weight	About 750KG

WDS-1250 is a super large high-end optical alignment precision rework station, suitable for 5G server and large server motherboard rework.



#### Self-tuning temperature curve

Industrial PCL and precise temperature servo motion control system, real-time temperature curve display, can display the set curve and measured curve, can analyze the temperature curve. And the temperature curve is automatically saved, convenient to retrieve the historical parameters to trace the abnormal quality, with over-temperature protection and alarm function, software can be encrypted and anti-stay function.

#### Automatic feeding for adsorption

The heating head is equipped with a vacuum suction pipe for chip adsorption, with automatic feeding device, realize automatic feeding and automatic receiving, with memory function, desoldering and picking up the chip can be completed with one key, simple operation.

#### Precision moving platform

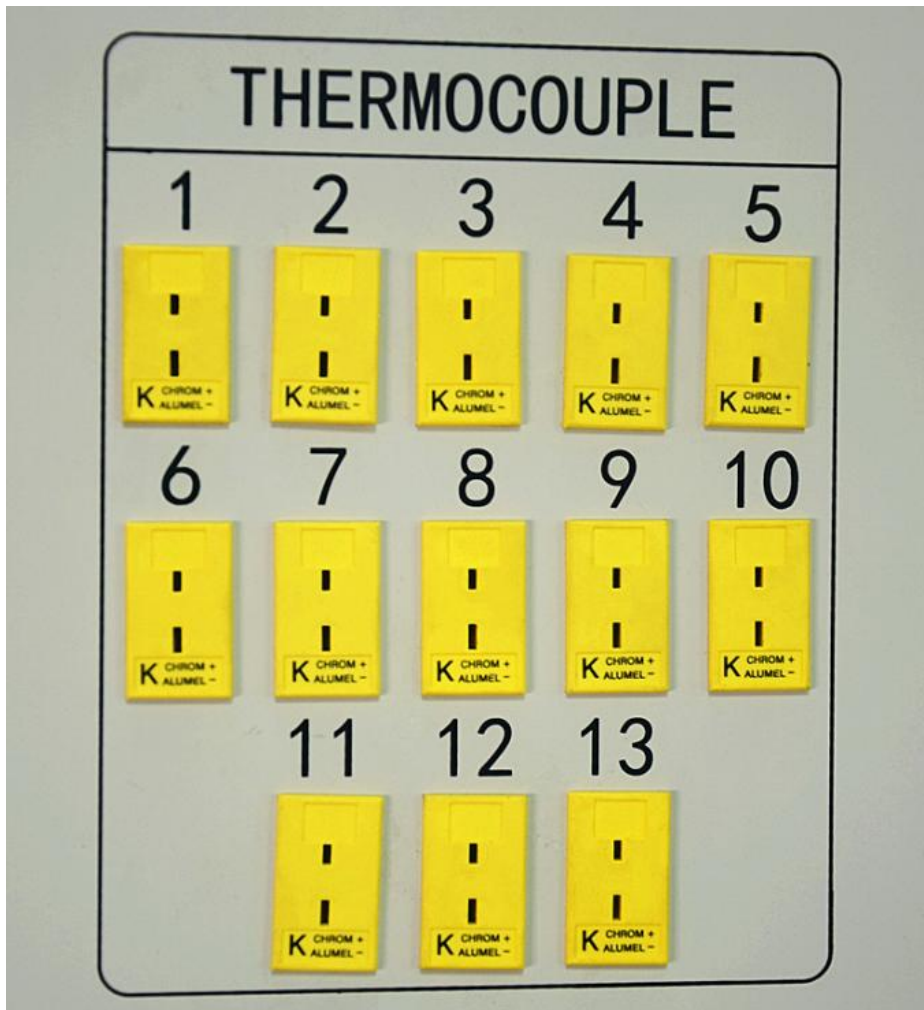
Industrial control integrated computer and plc control, Embedded industrial control computer, high-precision K-type thermocouple closed-loop control, up and down independent temperature, temperature accuracy up to  $\pm 1$  degree.

### HD optical detection module

High-definition imprinted CCD(8 million pixels) optical alignment system, automatic focus, software operation function, 22 times optical zoom, through PCL control servo system automatic optical lens alignment movement, use 21.5 display screen display and operation interface, alignment function and operating system do not interfere with each other, easy to operate.

### Lower heating system

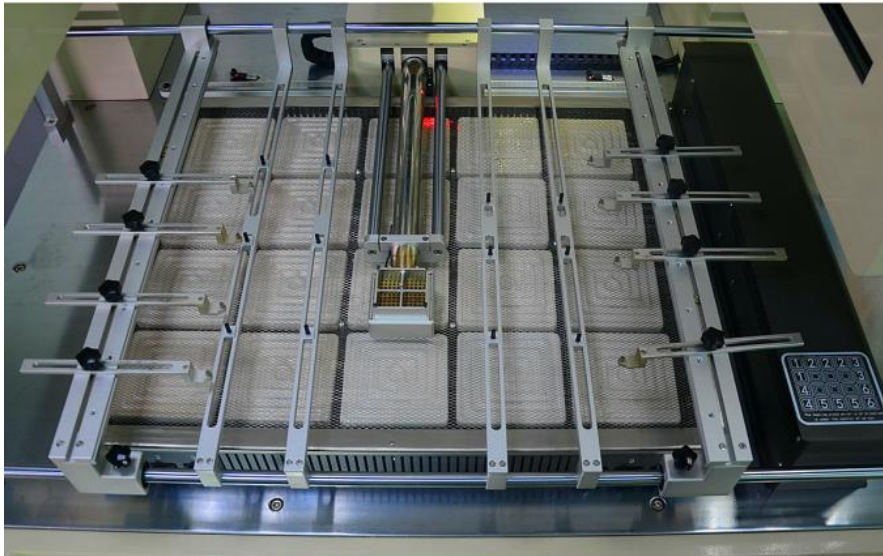
IR preheating platform using Germany imported Erstein dark red outer heating plate, fast heating, uniform preheating, preheating area up to 650\*520mm



- \* 11个测温通道，实时监测板面及芯片多点温度
- \* 2个温度触发通道（分别为提前预热触发及芯片表面

PCB size : 1200\*900mm

IR area : 720\*600mm



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