



**HERON**

**DIGITAL RESISTANCE  
WELDING**

# **ADVANCED WELDING EQUIPMENT AND PROCESSES FOR THE COMPRESSOR INDUSTRY**

# Company Overview

## HERON

- Founded in Guangzhou in **1991**
- More than 300 employees
- Factory with **54,000m<sup>2</sup>**
- More than **20 global customers**
- Full range of **resistance welding** products
- **Tog-L-Loc** and **FSPR** equipment
- With **automation production lines** in with appliance, compressor, low-voltage electrical manufacturing industries
- Heron manufacture our own controllers and transformers
- Full range of machine shop



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01 APPLICATION IN  
REFRIGERATOR COMPRESSOR

02 APPLICATION IN  
AIR-CONDITIONING COMPRESSORS

## HERON

Expert In Resistance  
Welding • Clinch



# ■ PART 1

## Application In Refrigerator Compressor



# Application In Refrigerator Compressor



**Medium Frequency Welder For Water Pan Buckle**  
**220KVA**  
**DB-220-17036**



**Welder For Top cover bracket**  
**220KVA**  
**DB-220-16039**



# Application In Refrigerator Compressor



**Three Tube Medium Frequency Welder(Four-column Type)**  
**440KVA**  
**DB-440-18007**



**Three Tube Medium Frequency Welder(Diamond-shaped Guide Rail)**  
**440KVA**  
**DB-440-15004**

# Application In Refrigerator Compressor



Medium Frequency Welder For Compression Spring Pillar  
3x55KVA  
DB-165-18002



Welder For Compression Spring Struts  
4x55KVA  
DB-220-18041

# Application In Refrigerator Compressor



**Medium Frequency Welder For Footer (Vertical Type)**  
**440KVA**  
**DB-440-18004**



**Medium Frequency Welder For Relay Bracket**  
**110KVA**  
**DB-110-19007**



# Application In Refrigerator Compressor



Medium Frequency Welder For Protective rack  
220KVA  
DB-220-18014



Welder For Wiring Post  
660KVA  
DB-660-18001

# Application In Refrigerator Compressor

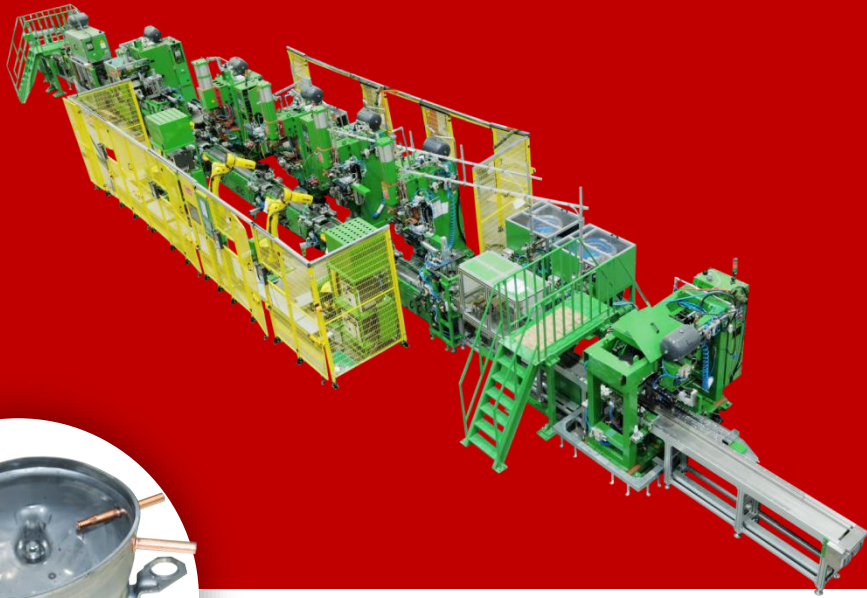


**Welder For Relay Bracket Grounding Plate**  
**165KVA**  
**DB-165-16032**

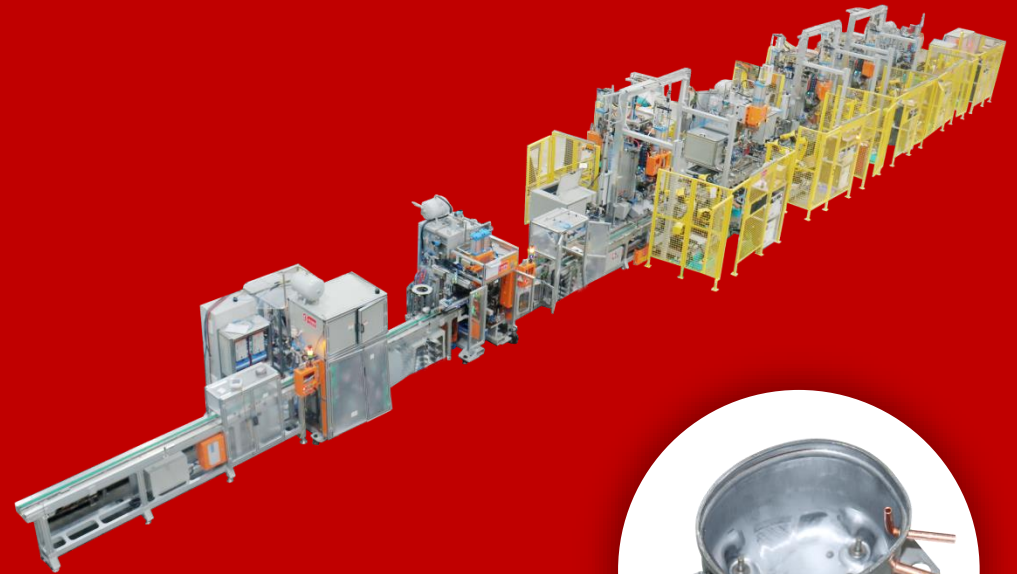


**Welder For CO2 Numerical Control Machine**  
**ZA0-H14006**

# Application In Refrigerator Compressor



**Welding Production Line For Lower Shell  
ZA0-F21011 (Cycle Time:5s)**



**Welding Production Line For Lower Shell  
ZA0-F21054 (Cycle Time:3.9s)**

## ■ PART 2

# Application In Air-conditioning Compressors





# Application In Air-conditioning Compressors



**CDW Welder For Upper Housing  
35000J  
DR-35000-19003**



**CDW Welder For Upper Housing  
30000J  
DR-30000-19002**

# Application In Air-conditioning Compressors



**Medium Frequency Welder For Top Cover Copper Tube**  
**660KVA**  
**DB-660-17011**

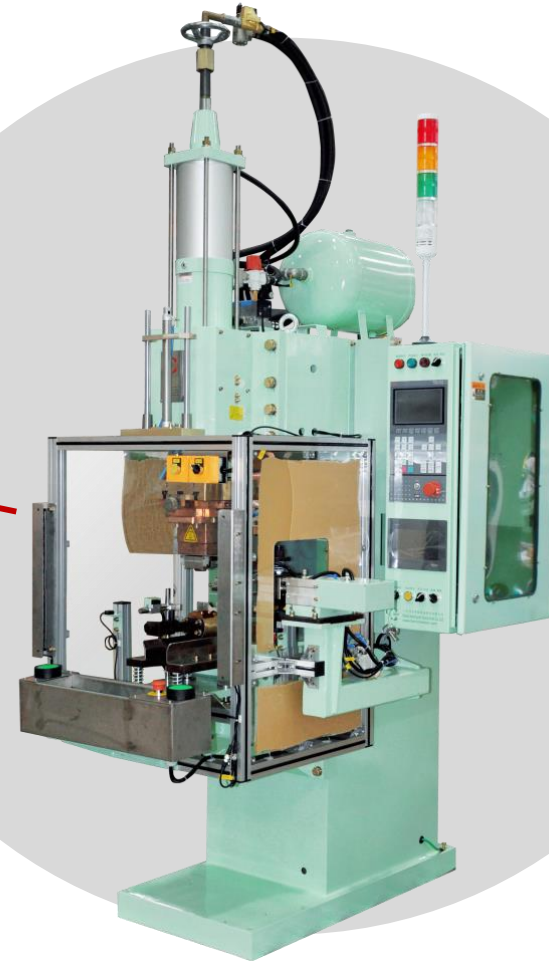
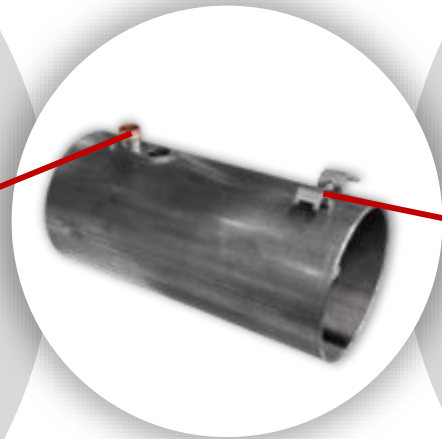


**Medium Frequency Welder For Upper housing bolts**  
**110KVA**  
**DB-110-19014**

# Application In Air-conditioning Compressors



**Medium Frequency Welder For Barrel Conduit**  
**660KVA**  
**DB-660-16007**



**Welder For Brackets**  
**165KVA**  
**DB-165-20016**



# Application In Air-conditioning Compressors



**Automatic Duplex Robotic Workstation  
ZA0-F15008**



**Bracket Connection Tube Welding Line  
ZA0-F19007**



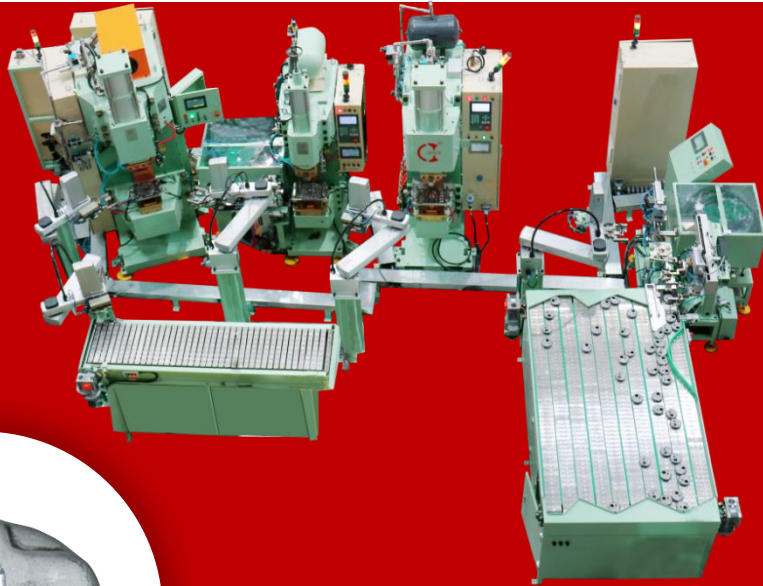


# Application In Air-conditioning Compressors



**Air Conditioning Compressor Production Line  
ZA0-F20045**

# Application In Air-conditioning Compressors



**Compressor Top Cover Automatic Welding Line  
ZA0-F21021**



**Compressor Top Cover Automatic Welding Line  
ZA0-F19025**

# Application In Air-conditioning Compressors



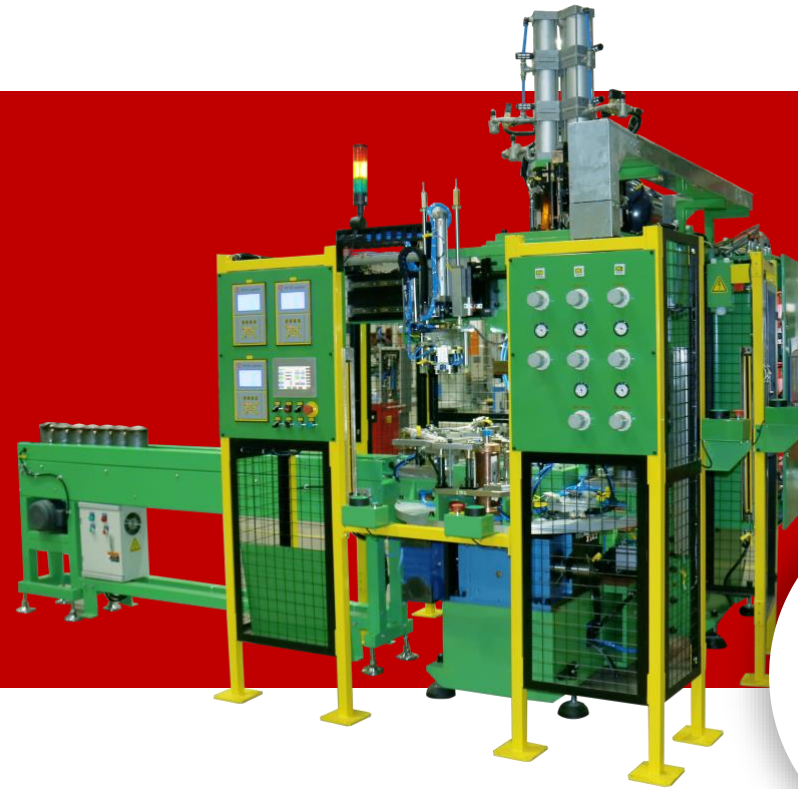
**Duplex Welder  
1250KVA  
DB-1250-17003**

**Resistance Welder For Wiring Post  
560KVA  
DB-560-15001**

# Application In Air-conditioning Compressors



**Medium Frequency Welder For Copper Tube**  
**880KVA**  
**DB-880-19006**



**Welder For Split Foot**  
**450KVA**  
**DN-450-19001**



# Application In Air-conditioning Compressors



**R-wire Three-part Machine Foot Welder**  
**660KVA**  
**DB-660-18006**



**Medium Frequency Welder For Three-headed Legs**  
**220KVA**  
**DB-220-17050**

# Application In Air-conditioning Compressors



**Welder For Compressor Rack  
ZA0-H19002**

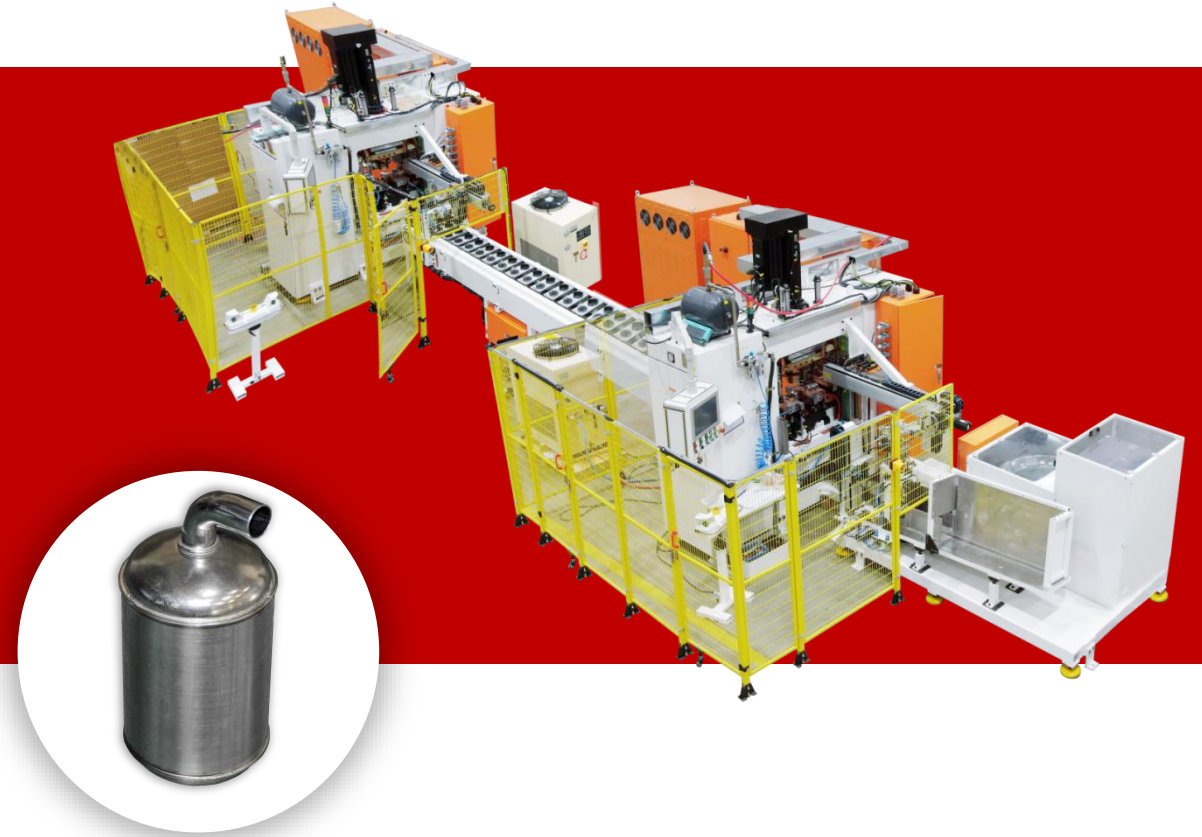


**CDW Welder For Compressor Bracket Nut  
20000J  
DR-20000-19003**

# Application In Air-conditioning Compressors

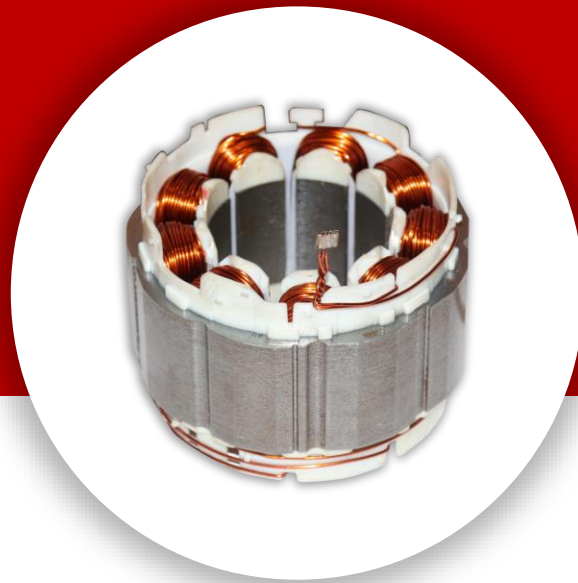


**Inverter Welder For Reservoir Bend**  
**660KVA**  
**DB-660-20001**



**Reservoir Upper And Lower Cap Production Line**

# Application In Air-conditioning Compressors



**Air Conditioner Compressor Motor 40KVA Wire Harness + C-sleeve Welder  
DN-40-18100**



# Cooperative Partent



## COOPERATIVE PARTNER

Heron's products have been widely used in the compressor industry for many years, and we have many long-term and stable customers in more than 10 countries around the world, with mature and experienced technology.





**HERON IS ALWAYS HERE FOR YOU !**  
**LET'S TALK MORE!**



**EXPERT IN  
RESISTANCE WELDING · CLINCH**



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