

# IGBT逆变直流焊机

## IGBT DC INVERTER ARC WELDING MACHINE

### 产品特点

- 先进的逆变技术、电路简洁、体积小、重量轻, 高效节能。
- 空载能耗小, 与传统焊机相比, 可节约电能 50%。
- 溶池深, 强度高, 品质好。
- 适合各种酸碱性焊条施焊。
- 适宜焊接低碳钢, 中碳钢及合金钢结构等所有黑色金属, 均可获得优质焊缝。

### Features

- High quality, portable, high efficiency and energy saving (save energy by 50%, compared with traditional welding).
- Excellent arc-start and arc force, high welding strength.
- Suitable for low-carbon steel, carbon steel and alloy steel.



|                                 | ARC-140I( ZX7-140 ) | ARC-160I( ZX7-160 ) | ARC200I( ZX7-200 ) | ARC-250I( ZX7-250 ) |
|---------------------------------|---------------------|---------------------|--------------------|---------------------|
| 输入电源<br>Rated Input             | AC220V±10% 50/60Hz  |                     |                    |                     |
| 空载电压<br>No-load Voltage         | 68V                 | 78V                 | 78V                | 78V                 |
| 额定工作电压<br>Rated Working Voltage | 23.6V               | 24.4V               | 28V                | 30V                 |
| 电流调节范围<br>Current Range         | 20-140A             | 20-160A             | 20-200A            | 20-250A             |
| 额定焊接电流<br>Rated Welding Current | 140A                | 160A                | 200A               | 250A                |
| 负载持续率<br>Rated Duty Cycle       | 60%                 | 60%                 | 60%                | 60%                 |
| 外形尺寸<br>Dimensions              | 315×115×230 mm      | 315×115×230 mm      | 380×150×300 mm     | 380×150×300 mm      |

直流弧焊机  
MOSFET DC INVERTER ARC WELDING MACHINE

产品特点

- 先进的逆变技术、电路简洁、体积小、重量轻, 高效节能。
- 空载能耗小, 与传统焊机相比, 可节约电能 50%。
- 溶池深, 强度高, 品质好。
- 适合各种酸性焊条施焊。
- 适宜焊接低碳钢, 中碳钢及合金钢结构等所有黑色金属, 均可获得优质焊缝。

Features

- High quality, portable, high efficiency and energy saving (save energy by 50%, compared with traditional welding).
- Excellent arc-start and arc force, high welding strength.
- Suitable for low-carbon steel, carbon steel and alloy steel.



|                                 | ARC-130MS          | ARC-130M       | ARC-160M       |
|---------------------------------|--------------------|----------------|----------------|
| 输入电源<br>Rated Input             | AC220V±10% 50/60Hz |                |                |
| 空载电压<br>No-load Voltage         | 68V                | 68V            | 78V            |
| 额定工作电压<br>Rated Working Voltage | 23.2V              | 23.2V          | 24.4V          |
| 电流调节范围<br>Current Range         | 20-130A            | 20-130A        | 20-160A        |
| 额定焊接电流<br>Rated Welding Current | 130A               | 130A           | 160A           |
| 负载持续率<br>Rated Duty Cycle       | 60%                | 60%            | 60%            |
| 外形尺寸<br>Dimensions              | 320×150×230 mm     | 370×150×300 mm | 380×150×300 mm |

# IGBT 逆变直流焊机

## IGBT DC INVERTER WELDING MACHINE

### 产品特点

- 先进的逆变技术、电路简洁、体积小、重量轻, 高效节能。
- 空载能耗小, 与传统焊机相比, 可节约电能 50%。
- 溶池深, 强度高, 品质好。
- 适合各种酸性焊条施焊。
- 适宜焊接低碳钢, 中碳钢及合金钢结构等所有黑色, 均可获得优质焊缝。

### Features

- Perfect static and dynamic characteristics, excellent arc-start and arc force.
- High efficiency and high welding strength.
- Suitable for acid and alkaline welding electrode.



|                                 | ARC-250H(ZX7-250)    | ARC-315H(ZX7-315) | ARC-400H(ZX7-400) |
|---------------------------------|----------------------|-------------------|-------------------|
| 输入电源<br>Rated Input             | AC3×380V±10% 50/60Hz |                   |                   |
| 空载电压<br>No-load Voltage         | 79V                  | 79V               | 79V               |
| 额定工作电压<br>Rated Working Voltage | 30V                  | 32.6V             | 36V               |
| 电流调节范围<br>Current Range         | 20-250A              | 20-315A           | 20-400A           |
| 额定焊接电流<br>Rated Welding Current | 250A                 | 315A              | 400A              |
| 负载持续率<br>Rated Duty Cycle       | 60%                  | 60%               | 60%               |
| 外形尺寸<br>Dimensions              | 480×205×360 mm       | 540×270×440 mm    | 540×270×440 mm    |

# IGBT逆变直流焊机

## IGBT DC INVERTER WELDING MACHINE

### 产品特点

- 先进的 IGBT 软开关技术、电路简洁、体积小、重量轻, 高效节能。
- 具有宽电网电压适应能力, 欠压、过流自动保护。
- 推力电流、引弧电流无极可调。
- 适合各种酸碱性焊条施焊。
- 适宜焊接低碳钢, 中碳钢及合金钢结构等所有黑色, 均可获得优质焊缝。

### Features

- Advanced inverter technology and circuit control.
- Perfect static and dynamic characteristics, excellent arc-start and arc force.
- Energy saving, overcurrent, overheat, and undervoltage protection.
- Suitable for acid and alkaline welding electrode.



|                                 | ZX7-400              | ZX7-500        | ZX7-630        |
|---------------------------------|----------------------|----------------|----------------|
| 输入电源<br>Rated Input             | AC3×380V±10% 50/60Hz |                |                |
| 空载电压<br>No-load Voltage         | 63V                  | 63V            | 69V            |
| 额定工作电压<br>Rated Working Voltage | 36V                  | 40V            | 44V            |
| 电流调节范围<br>Current Range         | 25-400A              | 40-500A        | 40-630A        |
| 额定焊接电流<br>Rated Welding Current | 400A                 | 500A           | 630A           |
| 负载持续率<br>Rated Duty Cycle       | 60%                  | 60%            | 60%            |
| 外形尺寸<br>Dimensions              | 620×330×645 mm       | 660×350×645 mm | 700×352×645 mm |

# 可控硅整流弧焊机

## SILICON CONTROLLED RECTIFIER ARC WELDING MACHINE

### 产品特点

- 可用作手工弧焊, 自动和半自动焊接的电源。具有空载损耗小, 效率高, 节能显著等特点。
- 使用集成元件, 电弧稳定, 熔池平静, 飞溅小, 焊接性能优良, 并能自动补偿电网电压变化。
- 操作方便, 可远距离调节焊接电流。其中 ZX5-630 还是碳弧气刨的理想电源。

### Features

DC welding source for manual, automatic/semiautomatic arc welding.

- Remote current control, low no-load loss, high duty cycle.
- Stable arc, less spatter, deep penetration, and high welding strength.
- Perfect dynamic characteristics and welding seam, automatic voltage fluctuation compensation.



|                                 | ZX5-250-2            | ZX5-400-2      | ZX5-630-2      |
|---------------------------------|----------------------|----------------|----------------|
| 输入电源<br>Rated Input             | AC3×380V±10% 50/60Hz |                |                |
| 空载电压<br>No-load Voltage         | 58V                  | 68V            | 72V            |
| 额定工作电压<br>Rated Working Voltage | 30V                  | 36V            | 44V            |
| 电流调节范围<br>Current Range         | 40-250A              | 40-400A        | 120-630A       |
| 额定焊接电流<br>Rated Welding Current | 250A                 | 400A           | 630A           |
| 负载持续率<br>Rated Duty Cycle       | 60%                  | 60%            | 60%            |
| 外形尺寸<br>Dimensions              | 580×480×980 mm       | 580×480×980 mm | 650×580×980 mm |

# 可控硅整流弧焊机

## SILICON CONTROLLED RECTIFIER ARC WELDING MACHINE

### 产品特点

- 主回路采用双反星带平衡电抗器的晶闸管整流电路。
- 具有多重保护功能,可靠性高。交流接触器无负载吸合,减小冲击电流。
- 具有电压波动补偿功能,能有效补偿电网电压波动。抽风式结构,没有风道死角。
- 多特性输出,可进行埋弧焊、手工电弧焊、碳弧气刨、电渣焊等多种焊接工艺。
- 具有焊接电流预置功能,操作简便。

### Features

- Multiple protective functions, low impact current, high reliability.
- Voltage fluctuation compensation, welding current preset.
- Exhaust fan type, no blind angle in wind tunnel.
- Suitable for submerged arc welding, manual arc welding, carbon arc gouging, electroslag welding.



|                                | ZD5-800              | ZD5-1000       | ZD5-1250       |
|--------------------------------|----------------------|----------------|----------------|
| 输入电源<br>Rated Input            | AC3×380V±10% 50/60Hz |                |                |
| 额定输入容量<br>Rated Input Capacity | 58kVA                | 68kVA          | 88kVA          |
| 空载电压<br>No-load Voltage        | 75V                  | 76V            | 76V            |
| 电流调节范围<br>Current Range        | 160-800A             | 200-1000A      | 250-1250A      |
| 负载持续率<br>Rated Duty Cycle      | 100%                 | 100%           | 60%            |
| 外形尺寸<br>Dimensions             | 900×590×925 mm       | 900×590×925 mm | 900×590×925 mm |
| 重量<br>Weight                   | 260kg                | 310kg          | 330kg          |

# 交流弧焊机

## AC ARC WELDING MACHINE

### 产品特点

- 单人操作进行交流电弧焊接的电源,采用酸性焊条进行各种低碳钢、低合金钢的焊接。
- 该焊机具有电弧燃烧稳定、飞溅小、电弧弹性好、溶深大、焊接流畅等优良的焊接性能。
- 能适用于多种电源电压,调节灵活,使用可靠,维修方便。

### Features

- Aluminum, copper coil optional, on request.
- Durable welding transformer, fan-cooled.
- Stepless current adjustment, steady welding current.
- Stable arc, less spatter, deep penetration, and high welding strength.



|                                 | BX1-250-2        | BX1-300-2     | BX1-400-2     | BX1-500       |
|---------------------------------|------------------|---------------|---------------|---------------|
| 输入电源<br>Rated Input             | 220/380V 50/60Hz |               |               |               |
| 空载电压<br>No-load Voltage         | 62 V             | 72 V          | 75 V          | 75 V          |
| 额定工作电压<br>Rated Working Voltage | 30 V             | 32 V          | 36 V          | 40V           |
| 电流调节范围<br>Current Range         | 60-250A          | 60-300A       | 80-400A       | 100-500A      |
| 额定焊接电流<br>Rated Welding Current | 250A             | 300A          | 400A          | 500A          |
| 负载持续率<br>Rated Duty Cycle       | 20%              | 35%           | 35%           | 35%           |
| 外形尺寸<br>Dimensions              | 500×350×520mm    | 550×390×590mm | 650×460×750mm | 650×460×750mm |

# 交流弧焊机

## AC ARC WELDING MACHINE

### 产品特点

- BX3 系列交流弧焊机系供给单人操作进行交流电弧焊接的电源，适用于各种低碳钢、低合金钢的焊接。
- BX3-300-1 型适用于焊接中等类型的钢铁制作，BX3-400-1、BX3-500-1 型适用于以大电流焊接较厚的钢铁制作，亦可作为电切割之用。

### Features

- Stepless current adjustment, steady welding current.
- Stable arc, less spatter, deep penetration, and high welding strength.



|                                 |                 | BX3-300-1            | BX3-400-1      | BX3-500-1      |
|---------------------------------|-----------------|----------------------|----------------|----------------|
| 输入电源<br>Rated Input             |                 | AC1×380V±10% 50/60Hz |                |                |
| 空载电压<br>No-load Voltage         | 接法 1Connection1 | 75 V                 | 75 V           | 75 V           |
|                                 | 接法 2Connection2 | 65 V                 | 70 V           | 70 V           |
| 额定工作电压<br>Rated Working Voltage |                 | 32 V                 | 36 V           | 40 V           |
| 电流调节范围<br>Current Range         | 接法 1Connection1 | 45-160A              | 50-170A        | 60-220A        |
|                                 | 接法 2Connection2 | 145-300/400A         | 160-400/500A   | 210-500/600A   |
| 负载持续率<br>Rated Duty Cycle       |                 | 60%                  | 60%            | 60%            |
| 外形尺寸<br>Dimensions              |                 | 710×480×900 mm       | 710×480×900 mm | 710×480×900 mm |

# 交流弧焊机

## WELDING MACHINE ASSEMBLY

### 产品特点

- 中高效、多用、性能优良的多头弧焊电源。
- 适应各种酸性焊条、碱性焊条手工弧焊的规范要求。
- 可任选交流电或直流电进行电弧焊接,特别适用于要求集中焊接的场所。
- 适用于造船、化工、压力容器、重机、锅炉、建筑等行业。

### Features

- Multipurpose.
- AC/DC selected according to usage, stepless current adjustment.
- Applied to pressure-vessel, chemical, shipbuilding, also boiler and construction industry.



|            | 输入电压<br>Rated Input Voltage | 频率<br>Frequency | 相数<br>Phase | 输入容量<br>Rated Input Capacity | 负载持续率<br>Rated Duty Cycle | 外形尺寸<br>Dimensions |
|------------|-----------------------------|-----------------|-------------|------------------------------|---------------------------|--------------------|
| ZXE1-400×3 | 380V±10%                    | 50/60Hz         | 3           | 96kVA                        | 60%                       | 1660×900×1500 mm   |
| ZXE1-400×6 | 380V±10%                    | 50/60Hz         | 3           | 192kVA                       | 60%                       | 1660×900×1920 mm   |
| ZXE1-500×3 | 380V±10%                    | 50/60Hz         | 3           | 106kVA                       | 60%                       | 1660×1100×1500 mm  |
| ZXE1-500×6 | 380V±10%                    | 50/60Hz         | 3           | 212kVA                       | 60%                       | 1660×1100×1920 mm  |

|          | 额定焊接电流<br>Rated Welding Current |      | 额定工作电压<br>Rated Working Voltage |     | 电流调节范围<br>Current Range |         | 空载电压<br>No-load Voltage |     |
|----------|---------------------------------|------|---------------------------------|-----|-------------------------|---------|-------------------------|-----|
|          | AC                              | DC   | AC                              | DC  | AC                      | DC      | AC                      | DC  |
| ZXE1-400 | 400A                            | 300A | 36V                             | 32V | 80-400A                 | 60-300A | 76V                     | 72V |
| ZXE1-500 | 500A                            | 400A | 40V                             | 36V | 100-500A                | 80-400A | 76V                     | 72V |

# 直流弧焊机

## DC INVERTER TIG WELDING MAHINE

### 产品特点

- 薄板焊接极佳。小型轻便、易于携带。
- 高频引弧、焊接渗透力强。
- 焊接表面均匀美观。

### Features

- MOSFET technology, portable, reliable control circuit, inside circuit protection.
- Excellent arc-start and arc force, deep penetration.



|                                 | TIG-130MS (WS-130S) | TIG-130M(WS-130) | TIG-160M (WS-160) |
|---------------------------------|---------------------|------------------|-------------------|
| 输入电源<br>Rated Input             | AC220V±10% 50/60Hz  |                  |                   |
| 空载电压<br>No-load Voltage         | 60V                 | 60V              | 60V               |
| 电流调节范围<br>Current Range         | 8-130A              | 8-130A           | 8-160A            |
| 额定焊接电流<br>Rated Welding Current | 130A                | 130A             | 160A              |
| 额定工作电压<br>Rated Working Voltage | 15.2V               | 15.2V            | 16.4V             |
| 负载持续率<br>Rated Duty Cycle       | 60%                 | 60%              | 60%               |
| 外形尺寸<br>Dimensions              | 320×150×230 mm      | 370×150×300 mm   | 380×150×300 mm    |

# 逆变氩弧焊机

## DC INVERTER TIG WELDING MAHINE

### 产品特点

- 直流氩弧焊、手工弧焊功能，一机两用。
- 高频引弧，令氩弧焊操作轻松自如。手工电弧焊具有独特的电弧推力调节功能，方便实用。
- LED 数码电流显示，清晰直观。可选用水冷功能及配置。
- 可焊接碳钢、不锈钢、合金钢、铜、钛等多种金属材料。可使用酸性、碱性等各种类型的焊条。

### Features

- TIG and MMA welding available.
- IGBT technology, HF arc-start, stable current.
- Thrust current adjustment, digital current display.
- Overcurrent, overvoltage protection, water-cooling (optional).



|                                 | TIG-250H( WS-250 )   | TIG-315H( WS-315 ) | TIG-400H( WS-400 ) |
|---------------------------------|----------------------|--------------------|--------------------|
| 输入电源<br>Rated Input             | AC3×380V±10% 50/60Hz |                    |                    |
| 空载电压<br>No-load Voltage         | 54V                  | 79V                | 79V                |
| 额定工作电压<br>Rated Working Voltage | 20V                  | 22.6V              | 26V                |
| 电流调节范围<br>Current Range         | 20-250A              | 20-250A            | 20-400A            |
| 额定焊接电流<br>Rated Welding Current | 250A                 | 315A               | 400A               |
| 负载持续率<br>Rated Duty Cycle       | 60%                  | 60%                | 60%                |
| 外形尺寸<br>Dimensions              | 480×205×360 mm       | 540×270×440 mm     | 540×270×440 mm     |

# 逆变氩弧焊机

## DC INVERTER TIG WELDING MAHINE

### 产品特点

- 直流氩弧焊和手工焊均有优异表现。
- 直流氩弧焊：高频 / 接触起弧, 气冷 / 水冷。
- 适用于机械、石油、化工、船舶、安装、不锈钢制品等行业。

### Features

- Inverter technology, TIG and MMA welding available.
- HF/contact arc starting, air-cooling/water-cooling (optional).
- LED current display.
- Perfect static and dynamic characteristics.



|                                 | WS-315               | WS-400         | WS-500         |
|---------------------------------|----------------------|----------------|----------------|
| 输入电源<br>Rated Input             | AC3×380V±10% 50/60Hz |                |                |
| 空载电压<br>No-load Voltage         | 65V                  | 65V            | 65V            |
| 额定工作电压<br>Rated Working Voltage | 22.6/32.6V           | 26/36V         | 30/40V         |
| 电流调节范围<br>Current Range         | 25-315A              | 25-400A        | 40-500A        |
| 额定焊接电流<br>Rated Welding Current | 315A                 | 400A           | 500A           |
| 负载持续率<br>Rated Duty Cycle       | 60%                  | 60%            | 60%            |
| 外形尺寸<br>Dimensions              | 620×330×645 mm       | 620×330×645 mm | 660×350×645 mm |

# 逆变交直流氩弧焊机

## AC/DC INVERTER TIG WELDING MACHINE

### 产品特点

- 优质的方波电源, 电流过零时间短, 电弧稳定。
- 电弧集中性能好, 热量集中, 填丝方便, 非常适合自行车等行业的填丝焊接。
- 超强清理氧化膜能力, 清理宽度连续可调, 焊缝光亮美观。
- 内置过流、过热、过压等保护电路, 使用安全可靠。
- 适合于铝以及铝合金、碳钢、不锈钢、铜等各种金属材料的焊接。

### Features

- Quality square wave power supply, stable arc.
- Easy heat concentration and wire filling.
- Super cleaning ability of oxidation film, cleaning width continuously adjustable.
- Overcurrent, overheat, and undervoltage protection.



| TIG-160AC/DC( WSE-160 )         |                    | TIG-200AC/DC( WSE-200 ) |
|---------------------------------|--------------------|-------------------------|
| 输入电源<br>Rated Input             | AC220V±10% 50/60Hz |                         |
| 空载电压<br>No-load Voltage         | 56V                | 56V                     |
| 额定工作电压<br>Rated Working Voltage | MMA : 26.2V        | MMA : 27.6V             |
|                                 | TIG : 16.4V        | TIG : 18V               |
| 电流调节范围<br>Current Range         | MMA : 30-155A      | MMA : 30-190A           |
|                                 | TIG : 10-160A      | TIG : 10-200A           |
| 负载持续率<br>Rated Duty Cycle       | 60%                | 60%                     |
| 外形尺寸<br>Dimensions              | 635×295×565 mm     | 635×295×565 mm          |

# 逆变交直流氩弧焊机

## AC/DC INVERTER TIG WELDING MACHINE

### 产品特点

- 具有直流氩弧焊、脉冲氩弧焊、交流方波氩弧焊、交流脉冲氩弧焊和手工弧焊能。
- 采用微电脑控制技术,状态和参数设定均采用旋钮调节,简单方便。
- 起弧容易,电弧稳定,焊接质量高。
- 用于焊接碳钢、铜、钛、铝及铝镁合金等各种材料的焊接。

### Features

- High-quality TIG and MMA welding available.
- User-friendly interface, digital control and IGBT inverter technology.
- Excellent arc-start and stable performance.
- Also suitable for aluminum and aluminum alloy.



|                                | WSME-315             | WSME-500       | WSME-630       |
|--------------------------------|----------------------|----------------|----------------|
| 输入电源<br>Rated Input            | AC3×380V±10% 50/60Hz |                |                |
| 空载电压<br>No-load Voltage        | 60-80V               | 60-80V         | 60-80V         |
| 电流调节范围<br>Current Range        | 5-315A               | 20-500A        | 20-630A        |
| 额定输入容量<br>Rated Input Capacity | 9.3kVA               | 18.2kVA        | 20kVA          |
| 脉冲占空比<br>Pulse Width           | 0.1-0.9S             | 0.1-0.9S       | 0.1-0.9S       |
| 脉冲频率<br>Pulse Frequency        | 0.2-20Hz             | 0.2-20Hz       | 0.2-20Hz       |
| 交流频率<br>AC Frequency           | 20-100Hz             | 20-100Hz       | 20-100Hz       |
| 负载持续率<br>Rated Duty Cycle      | 60%                  | 60%            | 60%            |
| 外形尺寸<br>Dimensions             | 420×350×580 mm       | 700×400×800 mm | 700×400×800 mm |

# 气体保护焊机

## GAS/NO GAS MIG/MAG WELDING MACHINE

### 产品特点

- 单相输入, 便携, 适合家庭或维修使用。
- 过热保护, 配件齐全。
- 易于起弧, 飞溅小。

### Features

- Portable, home DIY.
- Outdoor use, shielding gas is not essential.
- Over heat protection, easy arc-start, less spatter.
- Full range of accessories for end user.



|                                 | MIG-105                |       | MIG-155                |       |       |      |
|---------------------------------|------------------------|-------|------------------------|-------|-------|------|
| 输入电源<br>Rated Input             | 120V/60Hz OR 220V/50Hz |       | 230V/60Hz OR 220V/50Hz |       |       |      |
| 空载电压<br>No-load Voltage         | 31V                    |       | 36V                    |       |       |      |
| 额定工作电压<br>Rated Working Voltage | 17.2V                  | 18.5V | 15.5V                  | 16.5V | 17.7V | 21V  |
| 电流调节范围<br>Current Range         | 65A                    | 90A   | 30A                    | 50A   | 75A   | 105A |
| 负载持续率<br>Rated Duty Cycle       | 20%                    | 10%   | 100%                   | 88%   | 39%   | 20%  |
| 输入相数<br>Phase                   | 1                      |       | 1                      |       |       |      |
| 焊丝直径<br>Welding Wire            | 0.8mm                  |       | 0.8mm                  |       |       |      |
| 外形尺寸<br>Dimensions              | 370×315×395 mm         |       | 720×320×540 mm         |       |       |      |

气体保护焊机  
MIG/MAG WELDING MACHINE

产品特点

- MOSFET 技术,体积小,重量轻,节能效果好。
- 可使用 15kg 焊丝盘,节约使用成本。
- 配件齐全。

Features

- Portable, MOSFET inverter technology.
- 15kg welding wire usable.
- Full range of accessories for end user.



|                                 | MIG-200W           | MIG-250W       |
|---------------------------------|--------------------|----------------|
| 输入电源<br>Rated Input             | AC220V±10% 50/60Hz |                |
| 空载电压<br>No-load Voltage         | 56 V               | 60 V           |
| 额定工作电压<br>Rated Working Voltage | 24 V               | 26.5 V         |
| 电流调节范围<br>Current Range         | 30-200 A           | 50-250 A       |
| 电压调节范围<br>Voltage Range         | 15.5-24 V          | 16.5-26.5 V    |
| 负载持续率<br>Rated Duty Cycle       | 60%                | 60%            |
| 外形尺寸<br>Dimensions              | 570×325×605 mm     | 570×325×605 mm |
| 重量<br>Weight                    | 25kg               | 28kg           |

# 气体保护焊机

## MIG/MAG WELDING MACHINE

### 产品特点

- MOSFET 技术,体积小,重量轻,节能效果好。
- 可使用 15kg 焊丝盘,节约使用成本。
- 易于移动,配件齐全。

### Features

- Portable, MOSFET inverter technology.
- 15kg welding wire usable.
- Full range of accessories for end user.



| MIG-250S                        |                    |
|---------------------------------|--------------------|
| 输入电源<br>Rated Input             | AC220V±10% 50/60Hz |
| 空载电压<br>No-load Voltage         | 60 V               |
| 额定工作电压<br>Rated Working Voltage | 26.5 V             |
| 电流调节范围<br>Current Range         | 50-250 A           |
| 电压调节范围<br>Voltage Range         | 16.5-26.5 V        |
| 负载持续率<br>Rated Duty Cycle       | 60%                |
| 外形尺寸<br>Dimensions              | 860×415×810 mm     |
| 重量<br>Weight                    | 51kg               |

# 抽头式二氧化碳气体保护焊机

## MIG/MAG WELDING MAHCINE

### 产品特点

- 高效率, 节电显著, 可使生产效率比手工电弧焊提高数倍。
- 采用先进工艺, 性能可靠, 过载能力强。
- 送丝稳定, 焊接速度快, 具有出色的电弧稳定性。
- 焊接飞溅小, 变形小, 焊缝成型美观。

### Features

- High efficiency semi-automatic welding of aluminum, carbon steel, stainless steel, copper alloy etc.
- High welding speed, less deformation, less spatter, stable arc.
- Adaptive features of continuous welding, spot welding, automatic spot welding.
- Less after-treatment, lower running costs.



|                               | NBC-220              | NBC-270        | NBC-315        |
|-------------------------------|----------------------|----------------|----------------|
| 输入电源<br>Rated Input           | AC3×380V±10% 50/60Hz |                |                |
| 空载电压<br>No-load Voltage       | 16-30 V              | 17-33 V        | 20-42 V        |
| 工作电压<br>Rated Working Voltage | 16-24.5 V            | 16-24.5 V      | 19-30 V        |
| 电流调节范围<br>Current Range       | 40-220 A             | 50-270 A       | 63-315 A       |
| 负载持续率<br>Rated Duty Cycle     | 40%                  | 40%            | 40%            |
| 外形尺寸<br>Dimensions            | 705×320×605 mm       | 705×320×605 mm | 765×320×605 mm |

# 数字式二氧化碳气体保护焊机

## DIGITAL MIG/MAG WELDING MACHINE SERIES NBC

### 产品特点

- 焊接电源电压数字显示,焊接电流电压预置精确; 电流、电压匹配容易,适应范围宽;
- 自锁功能,降低焊工在大规范长焊缝焊接时的劳动强度。
- 波形控制技术,焊接飞溅小,成形美观; 具有收弧去球功能,引弧过程流畅快捷。
- 负载持续率高,可长时间连续焊接; 整机效率高,节能省电。

### Features

- Digital display, precise preset and convenient match of current/voltage.
- Self-locking function to reduce labor intensity.
- Wave control ensures less spatter, elegant welding shape, smooth arc process.
- Durable, high duty cycle and energy saving.



|                                   | NBC-200              | NBC-350       | NBC-500       | NBC-630       |
|-----------------------------------|----------------------|---------------|---------------|---------------|
| 输入电源<br>Rated Input               | AC3×380V±10% 50/60Hz |               |               |               |
| 空载电压<br>No-load Voltage           | 48V                  | 57V           | 64V           | 65V           |
| 工作电压调节范围<br>Working Voltage Range | 15-32V               | 16-40V        | 16-45V        | 17-50V        |
| 电流调节范围<br>Current Range           | 40-200A              | 60-350A       | 60-500A       | 100-630A      |
| 负载持续率<br>Rated Duty Cycle         | 60%                  | 60%           | 60%           | 60%           |
| 焊丝直径<br>Welding Wire              | 0.8-1.2mm            | 0.8-1.2mm     | 1.2-1.6mm     | 1.2-2.0mm     |
| 外形尺寸<br>Dimensions                | 620×330×645mm        | 620×330×645mm | 660×350×645mm | 700×352×645mm |

# 晶闸管二氧化碳气体保护焊机

## SCR CO2 GAS SHIELDED MIG/MAG WELDING MAHCINE

### 产品特点

- 运用广泛,尤其在船舶、化工、压力容器和钢结构等行业大量使用。
- 具有电流、电压分别调整,简单一元化转换功能,无论初学者与熟练者使用都能得心应手。

### Features

- SCR welding source, portable wire feeder.
- Respectively adjustment of current and voltage.
- Less no-load loss, less spatter.



|                                   | NB-350               | NB-500        |
|-----------------------------------|----------------------|---------------|
| 输入电源<br>Rated Input               | AC3×380V±10% 50/60Hz |               |
| 空载电压<br>No-load Voltage           | 52V                  | 64V           |
| 工作电压调节范围<br>Working Voltage Range | 17-35V               | 19-45V        |
| 电流调节范围<br>Current Range           | 70-350A              | 100-500A      |
| 负载持续率<br>Rated Duty Cycle         | 60%                  | 60%           |
| 焊丝直径<br>Welding Wire              | 0.8-1.2mm            | 1.2-1.6mm     |
| 外形尺寸<br>Dimensions                | 675×436×762mm        | 675×436×762mm |

# 脉冲气体保护焊机

## DIGITAL INVERTER DC MIAG/MAG WELDING MACHINE

### 产品特点

- 操作界面友好, 一元化调节方式, 易于掌握。
- 内置焊接专家数据库, 自动智能化参数组合, 可存储 100 套自定义参数。
- 可实现多种材料高品质焊接, 数字化控制, 控制波形精细, 实现一脉一滴过渡。
- 全数字送丝控制系统, 铝丝送丝平稳, 焊接无飞溅, 焊缝成形美观。
- 特殊的焊铝程序设计, 解决了焊铝起弧难熔合, 收弧易形成弧坑的难题。

### Features

- User friendly interface, synergic, convenient control, 100 sets of user-defined parameters can be saved.
- Embedded welding expert database, automatic intelligent combination of parameters.
- Special aluminum welding procedure, perfect arc start and arc stop, multiple safety functions.
- Fully digital control system to ensure precise control, stable arc length and wire feeding.
- Fan on-demand cooling system, reducing noise and energy use.



|                           | MIG-350              | MIG-500         |
|---------------------------|----------------------|-----------------|
| 输入电源<br>Rated Input       | AC3×380V±10% 50/60Hz |                 |
| 空载电压<br>No-load Voltage   | 96V                  | 98V             |
| 电流调节范围<br>Current Range   | 70-350A              | 100-500A        |
| 电压调节范围<br>Voltage Range   | 16-40V               | 16-50V          |
| 负载持续率<br>Rated Duty Cycle | 60%                  | 60%             |
| 焊丝直径<br>Welding Wire      | 0.8-1.2mm            | 1.0-1.6mm       |
| 外形尺寸<br>Dimensions        | 1000×620×1500mm      | 1000×620×1500mm |

# 直流自动埋弧焊机

## DC SUBMERGED ARC WELDING MACHINE

### 产品特点

- 可控硅式,由焊接电源、自动埋弧焊小车及连接电缆构成。
- 可在小车上对电源进行远程调节,操作方便、焊接性能好,焊缝成形美观等优点。
- 广泛应用于船舶、化工、压力容器、钢结构等行业。

### Features

- Consists of power source, automatic vehicle and connecting cables.
- Remote adjust of power source on automatic vehicle.
- Convenient operation, perfect welding performance, perfect figure of welding seam.



|                                 | MZ-1-800             | MZ-1-1000        | MZ-1-1250        |
|---------------------------------|----------------------|------------------|------------------|
| 输入电源<br>Rated Input             | AC3×380V±10% 50/60Hz |                  |                  |
| 空载电压<br>No-load Voltage         | 85V                  | 85V              | 85V              |
| 额定工作电压<br>Rated Working Voltage | 44V                  | 44V              | 44V              |
| 电流调节范围<br>Current Range         | 160-800A             | 200-1000A        | 250-1250A        |
| 电压调节范围<br>Voltage Range         | 26-50V               | 26-50V           | 26-50V           |
| 负载持续率<br>Rated Duty Cycle       | 100%                 | 100%             | 100%             |
| 焊丝直径<br>Welding Wire            | 3.2-5.0 mm           | 3.2-5.0 mm       | 3.2-5.0 mm       |
| 外形尺寸<br>Dimensions              | 1110×750×1250 mm     | 1110×750×1250 mm | 1110×750×1250 mm |

# 逆变直流自动埋弧焊机

## DC INVERTER SUBMERGED ARC WELDING MACHINE

### 产品特点

- 采用 IGBT 逆变技术,保证了焊接电流在电网电压波动及起弧长度变化的情况下平稳过渡,电弧自调节能力强。
- 设有起弧电流调节功能,可根据焊接工艺要求调节起弧电流大小,极大地提高了引弧成功率。
- 推力电流可调,保证焊缝成形,方便熔深调节,对焊接工艺的适应性更强。具有平特性和下降特性两种输出。
- 兼容手工弧焊功能,可用于碳弧气刨及手工电弧焊等。

### Features

- IGBT inverter with precise controlling method, high performance, high power factor, low no-load loss.
- Initial welding parameters setting, LED display.
- Strong arc self-adjusting ability, strong adaptability of welding process.
- Striking and thrust current regulation.
- Carbon arc gouging, MMA welding also available.



|                                | MZ-2-800             | MZ-2-1000      | MZ-2-1250      |
|--------------------------------|----------------------|----------------|----------------|
| 输入电源<br>Rated Input            | AC3×380V±10% 50/60Hz |                |                |
| 空载电压<br>No-load Voltage        | 74±10V               | 74±10V         | 74±10V         |
| 额定输入容量<br>Rated Input Capacity | 49kVA                | 62kVA          | 79kVA          |
| 电流调节范围<br>Current Range        | 200-800A             | 200-1000A      | 250-1250A      |
| 电压调节范围<br>Voltage Range        | 28-50V               | 28-50V         | 28-50V         |
| 负载持续率<br>Rated Duty Cycle      | 100%                 | 100%           | 60%            |
| 焊丝直径<br>Welding Wire           | 2.5-5mm              | 2.5-5mm        | 2.5-5mm        |
| 外形尺寸<br>Dimensions             | 790×362×845 mm       | 790×362×845 mm | 790×362×845 mm |

# 逆变空气等离子切割机

## INVERTER AIR PLASMA CUTTING MACHINE

### 产品特点

- 节能、轻便、技术先进、电弧控制极佳。
- 切速、切厚、切宽、切口光洁可靠性方便全面超越传统产品。

### Features

- Application of PWM modulation technology, high inverter frequency.
- Excellent arc control, easy arc ignition.
- Portable, high efficiency and energy saving.



PLASMA CUTTER 等离子切割机

|                                   | LG-40            | LG-60                | LG-80         | LG-100        | LG-120        | LG-160        |
|-----------------------------------|------------------|----------------------|---------------|---------------|---------------|---------------|
| 输入电源<br>Rated Input               | 220V±10% 50/60Hz | AC3×380V±10% 50/60Hz |               |               |               |               |
| 空载电压<br>No-load Voltage           | 240V             | 260V                 | 260V          | 260V          | 260V          | 270V          |
| 电流调节范围<br>Current Range           | 10-40A           | 20-60A               | 20-80A        | 20-100A       | 20-120A       | 40-160A       |
| 额定输入容量<br>Rated Input Capacity    | 6kVA             | 8.7kVA               | 13kVA         | 17kVA         | 19kVA         | 28kVA         |
| 负载持续率<br>Rated Duty Cycle         | 60%              | 60%                  | 60%           | 60%           | 60%           | 60%           |
| 切割厚度<br>Incise The Thickness Best | ≤12mm            | ≤18mm                | ≤25mm         | ≤30mm         | ≤40mm         | ≤55mm         |
| 外形尺寸<br>Dimensions                | 425×195×310mm    | 520×260×540mm        | 570×305×590mm | 570×305×590mm | 670×350×690mm | 670×350×690mm |

# 空气等离子切割机

## AIR PLASMA CUTTING MACHINE

### 产品特点

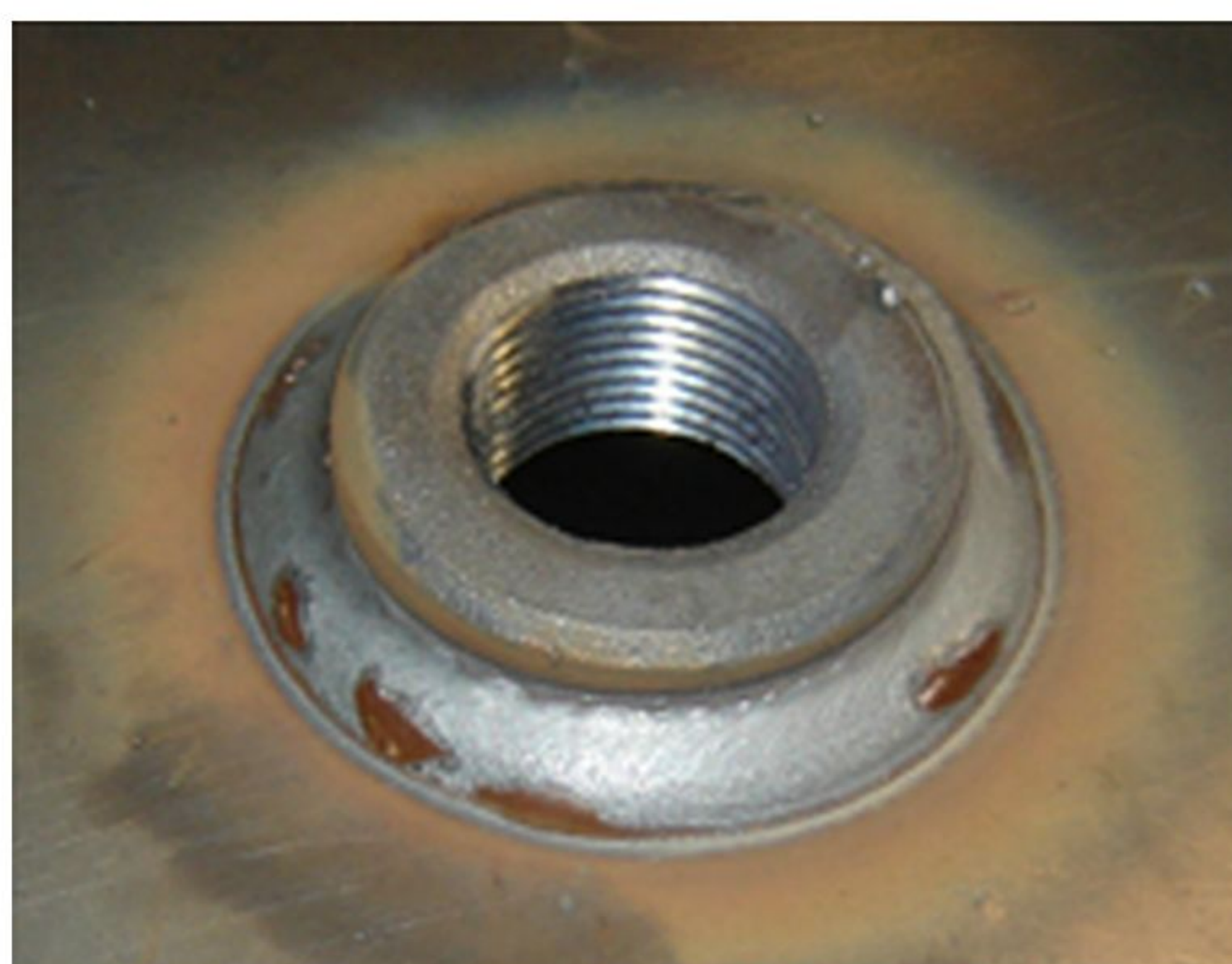
- 控制电路采用集成电路,控制程序简单可靠,故障率低,检修方便。
- 操作便利,可选用接触或非接触引弧方式。
- 切割电弧稳定、切割速度快、切口平滑,变形小,挂渣少,节省材料。
- 可切割不锈钢、碳钢、合金钢、铝等。

### Features

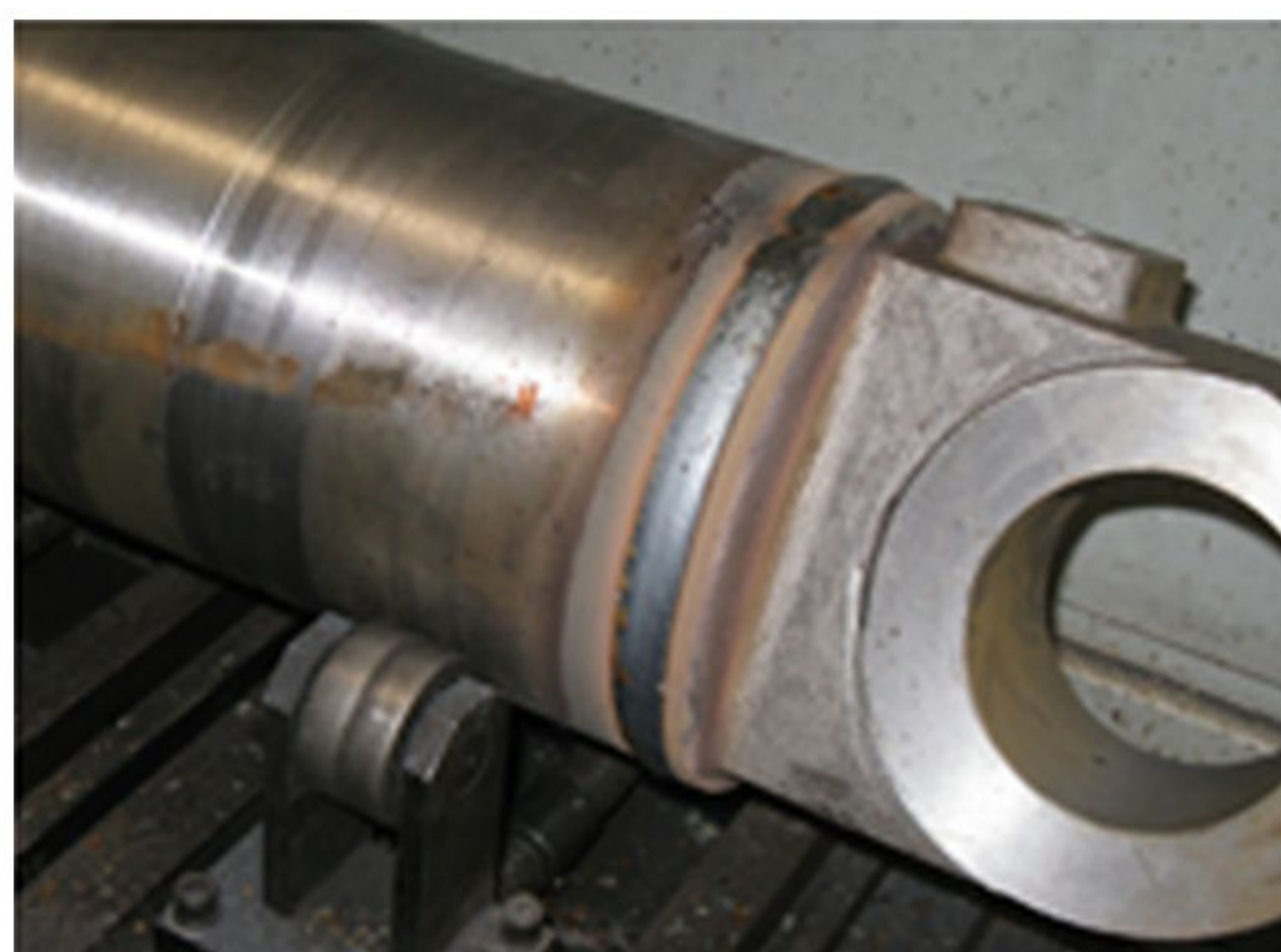
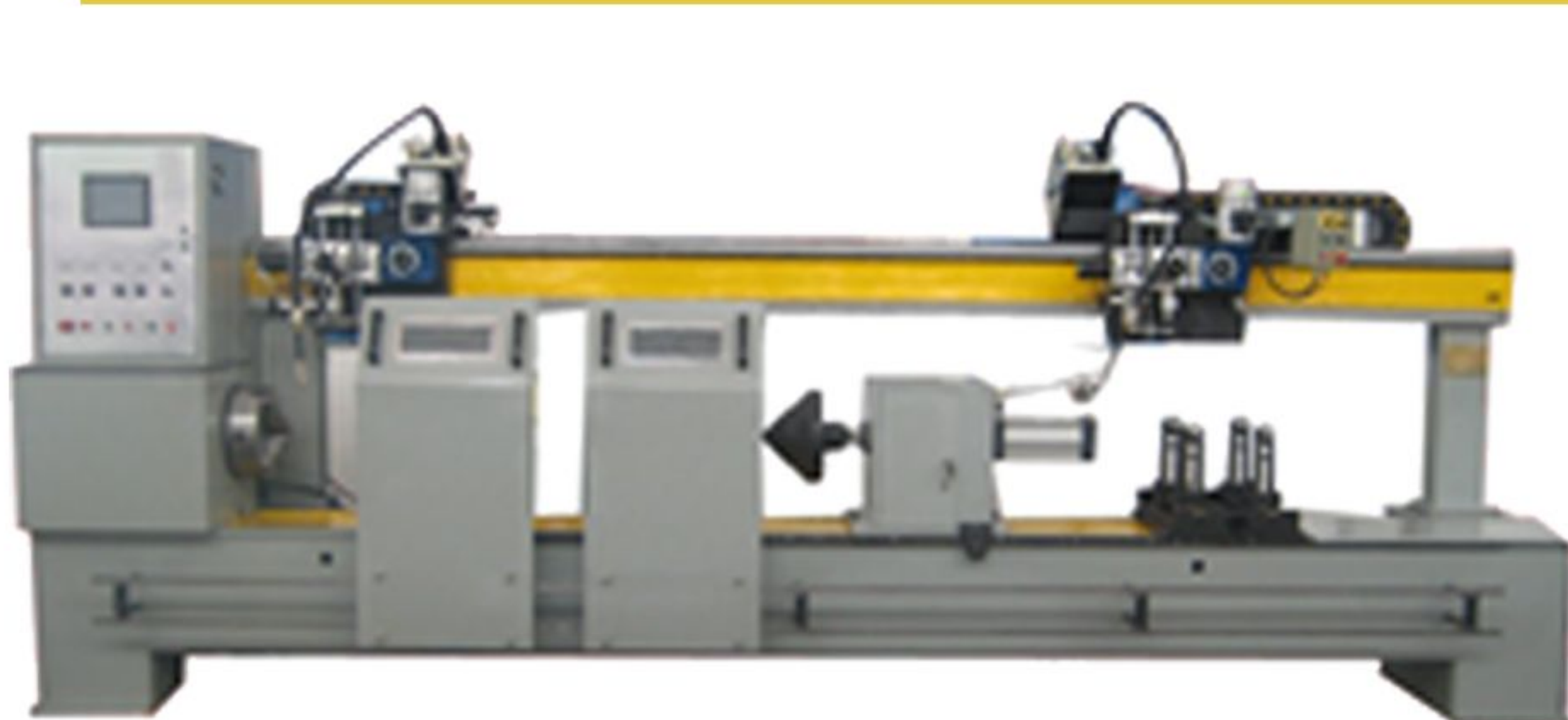
- Integrated control circuit, reliable, low failure rate and easy maintenance.
- Contact or non-contact arc-start.
- Stability, speedy, smooth incision, small deformation, less slag.



|                                   | KLG-60               | KLG-100       | KLG-160       |
|-----------------------------------|----------------------|---------------|---------------|
| 输入电源<br>Rated Input               | AC3×380V±10% 50/60Hz |               |               |
| 空载电压<br>No-load Voltage           | 250V                 | 250V          | 300V          |
| 电流调节范围<br>Current Range           | 60A                  | 100A          | 120/160A      |
| 额定输入容量<br>Rated Input Capacity    | 15kVA                | 25kVA         | 48kVA         |
| 负载持续率<br>Rated Duty Cycle         | 50%                  | 50%           | 60%           |
| 切割厚度<br>Incise The Thickness Best | ≤25mm                | ≤35mm         | ≤50mm         |
| 外形尺寸<br>Dimensions                | 450×550×700mm        | 600×480×950mm | 860×760×950mm |



**Girth Welding Automation** 瓶嘴焊接专机



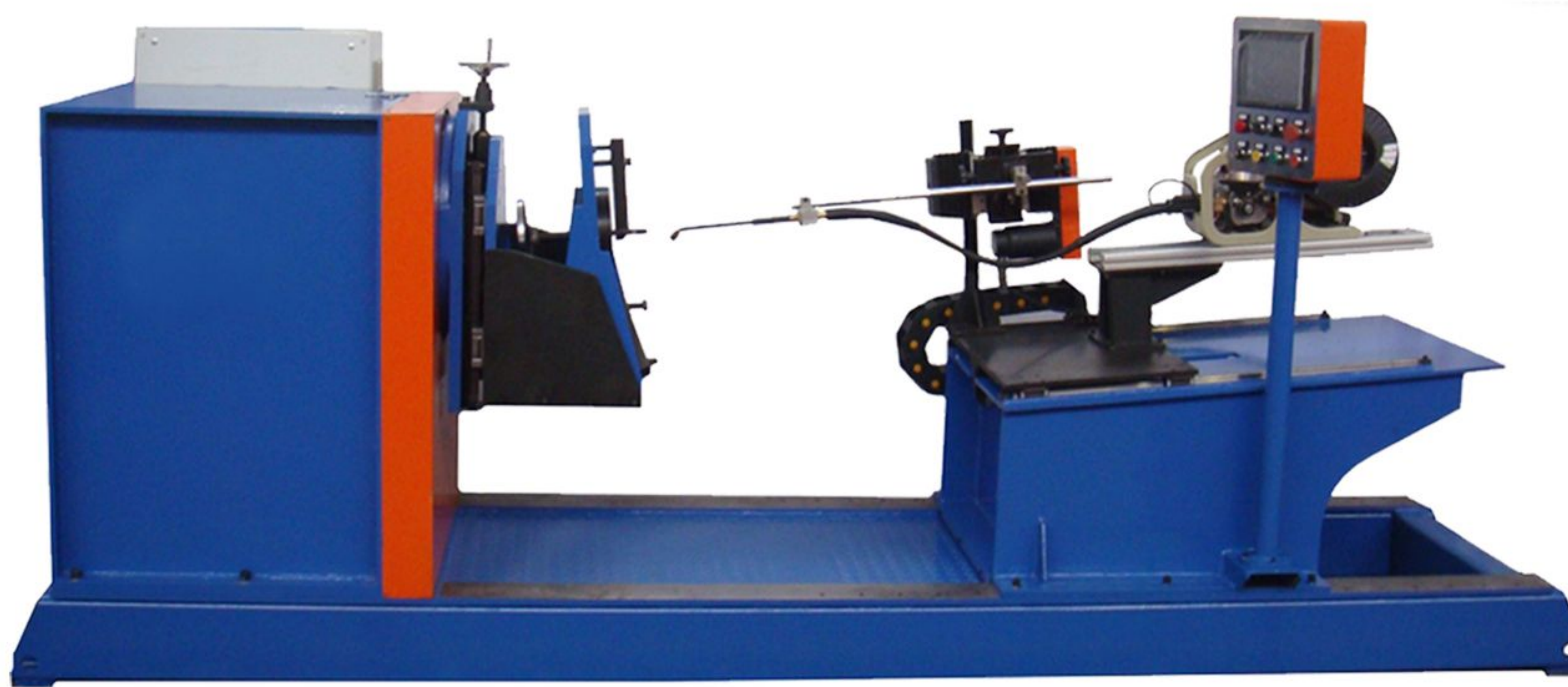
**Girth Welding Automation** 环缝焊接专机



## Steel Welding Automation 钢圈焊接专机



## Valve Welding Automation 阀门焊接专机





**Flange Welding Automation 法兰焊接专机**



**Brake shoe Welding Automation 制动蹄焊接专机**



**Welding Positioner 焊接变位器**



# IGBT 逆变直流焊机

## IGBT DC INVERTER ARC WELDING MACHINE

### 产品特点

- 先进的逆变技术、电路简洁、体积小、重量轻, 高效节能。
- 空载能耗小, 与传统焊机相比, 可节约电能 50%。
- 溶池深, 强度高, 品质好。
- 适合各种酸性焊条施焊。
- 适合焊接低碳钢, 中碳钢及合金钢结构等所有黑色金属, 均可获得优质焊缝。

### Features

- High quality, portable, high efficiency and energy saving (save energy by 50%, compared with traditional welding).
- Excellent arc-start and arc force, high welding strength.
- Suitable for low-carbon steel, carbon steel and alloy steel.



|                                 | ARC-100IS          | ARC-120IS      | ARC-140IS      | ARC-160IS      | ARC-180IS      | ARC-200IS      |
|---------------------------------|--------------------|----------------|----------------|----------------|----------------|----------------|
| 输入电源<br>Rated Input             | AC220V±10% 50/60Hz |                |                |                |                |                |
| 空载电压<br>No-load Voltage         | 68V                | 68V            | 72V            | 72V            | 72V            | 72V            |
| 额定工作电压<br>Rated Working Voltage | 22V                | 22.8V          | 23.6V          | 24.4V          | 27.2V          | 28V            |
| 电流调节范围<br>Current Range         | 20-100A            | 20-120A        | 20-140A        | 20-160A        | 20-180A        | 20-200A        |
| 额定焊接电流<br>Rated Welding Current | 100A               | 120A           | 140A           | 160A           | 180A           | 200A           |
| 负载持续率<br>Rated Duty Cycle       | 35%                | 35%            | 35%            | 35%            | 35%            | 35%            |
| 外形尺寸<br>Dimensions              | 290×115×230 mm     | 290×115×230 mm | 290×115×230 mm | 315×115×230 mm | 380×150×300 mm | 380×150×300 mm |