



日基中文官网
Chinese



日基英文官网
English

活力日基 / 创新日基 / 实力日基 / 和谐日基

Vitality RIJI / Innovation RIJI / Strength RIJI / Harmony RIJI.

ANHUI RIJI WELDING EQUIPMENT CO., LTD.

安徽日基焊接装备有限公司

安徽日基焊接装备有限公司

📍 地址: 黄山市徽州区城北工业园二环路27号
🌐 公司网站: www.anhuiriji.com; www.riji1999.com
👥 商务合作: +86-559-3519866
☎ 技术支持: +86-559-3567866
📠 传真: +86-559-3519766
✉ 商务邮箱: wzriji@vip.163.com
✉ 研发邮箱: rijjjs@vip.163.com

Anhui RIJI Welding Equipment Co., Ltd

📍 Address: No. 27, Second Ring Road, North Industrial Park, Huizhou District, Huangshan City
🌐 Company website: www.anhuiriji.com; www.riji1999.com
👥 Business cooperation: +86-559-3519866
☎ Technical Support: +86-559-3567866
📠 Fax: +86-559-3519766
✉ Business email: wzriji@vip.163.com
✉ R&D department email: rijjjs@vip.163.com

用每一个焊点连接未来
Connect the future through each weld point.

日基企业是国内专业从事电阻点焊成套设备设计、研发、制造、销售于一体的现代企业。日基企业总部设立于安徽黄山,公司总投资人民币1亿元,注册资金1800万元,占地面积36600平米,拥有标准厂房26300平米,可实现产能价值达4亿元人民币。

公司主要生产包括悬挂点焊机、固定式凸焊机、一体式焊钳、伺服机器人焊钳、分体式焊钳以及各类自动焊钳、自动焊接专机、弹簧平衡器及悬挂物料输送系统等上百种产品。产品通过ISO9001质量管理体系认证、国家CQC强制性安全认证和CE欧盟认证,在产品创新上荣获40余项技术专利。

经过多年市场磨砺,凭借可靠的产品质量及优质的服务,公司先后与一汽、二汽东风、长安汽车、济南重汽、比亚迪集团、吉利集团、江铃汽车、金龙客车、重庆赛力斯等近百家汽车企业建立长期合作伙伴关系。产品已远销俄罗斯、缅甸、越南、马来西亚、印尼、巴基斯坦、伊朗、埃塞俄比亚、埃及、巴西、乌拉圭、厄瓜多尔等多个国家和地区。

在汽车制造业飞速发展的今天,为实现企业的可持续发展,公司始终坚持“品质为本、科技创新”的企业宗旨,为用户提供更好的产品、更先进的技术和更优良的服务,用心灵和智慧为振兴民族汽车工业谱写更加壮丽的篇章。

RIJI Enterprise is a modern company in China specializing in the design, development, manufacturing, and sales of complete sets of resistance spot welding equipment. RIJI Enterprise is headquartered in Huangshan, Anhui, With a total investment of 100 million RMB, The registered capital is 18 million RMB, covering an area of 36,600 square meters, including a standard plant of 26,300 square meters. The company has the capability to achieve a production value of 400 million RMB.

The company's main products include suspended spot welding machines, fixed projection welding machines, integrated welding guns, robot servo welding guns, split welding guns, as well as various types of automatic welding guns, automatic welding special machines, spring balancers, and suspended material conveying systems. The products have obtained ISO9001 quality management system certification, national CQC mandatory safety certification, and CE EU certification. The company has also been awarded more than 40 technical patents for product innovation.

After years of market development, relying on reliable product quality and high-quality services, the company has established long-term partnerships with nearly a hundred automotive enterprises, including FAW, DONGFENG MOTOR, CHANGAN AUTO, SINO-TRUK, BYD, GEELY AUTO, JMC, KING LONG, and SERES. The products have been exported to many countries and regions, such as Russia, Myanmar, Vietnam, Malaysia, Indonesia, Pakistan, Iran, Ethiopia, Egypt, Brazil, Uruguay, and Ecuador.

In today's rapidly developing automotive manufacturing industry, in order to achieve sustainable development, the company always adheres to the corporate tenet of "quality-oriented, technological innovation" and strives to provide users with better products, more advanced technology, and excellent services. With dedication and wisdom, the company aims to contribute to the revitalization of the national automotive industry.

企业发展历程

Corporate Development History

<p>2000年 于温州成立乐清日基电子机械有限公司 Leqing RIJI Electronics Machinery Co., Ltd. was established in Wenzhou in 2000.</p>	<p>2003年 变压器、阻焊控制器、各类焊钳等产品全面量产。 Transformers, resistance welding controllers, various types of welding guns and other products entered full-scale production in 2003.</p>	<p>2008年 公司产值达到3500万人民币 The company's output value had reached 30 million RMB in 2008.</p>	<p>2011年 投资1亿元,于黄山建立安徽日基焊接设备有限公司,并设立为总部。 With an investment of 100 million RMB, Anhui RIJI Welding Equipment Co., Ltd. was established in Huangshan and designated as the headquarters in 2011.</p>
<p>2013年 公司产品累计销售10万台 The company had sold a cumulative total of 100,000 units of its products in 2013.</p>	<p>2015年 公司产值超1亿元人民币 The company's output value had exceeded 100 million RMB in 2015.</p>	<p>2018年 公司在马来西亚、泰国等多个国家设立代办,产值已超2亿人民币。 The company had established branches in multiple countries, including Malaysia and Thailand, and has achieved a production value exceeding 200 million RMB in 2018.</p>	<p>2021年 公司产品累计销售28万台 The company had sold a cumulative total of 280,000 units of its products in 2021.</p>
<p>2024年 公司成立东南亚分公司,年产能预计突破5亿人民币 The company established a subsidiary in Southeast Asia, with an expected annual production capacity surpassing 500 million RMB in 2024.</p>			

企业介绍

Company Introduction



SELLING NETWORK 销售网络

公司总部 Company Headquarters

中国黄山 Huangshan China

国内办事处 Domestic agency

- ★ 重庆 Chongqing
- ★ 合肥 Hefei
- ★ 西安 Xi'an
- ★ 长沙 Changsha
- ★ 深圳 Shenzhen
- ★ 长春 Changchun

国外办事处 Overseas agency

- ★ 马来西亚 Malaysia
- ★ 泰国 Thailand
- ★ 埃及 Egypt
- ★ 越南 Vietnam
- ★ 韩国 South Korea



SERVICE BRAND 服务品牌



董事长 Chairman

叶绍志,于1990年从事电阻点焊行业,在该行业深耕三十五年有余,积累了丰富的行业经验,在业内获得了广大同仁的认可。作为企业的领导者,他经常奔赴在一线,为研发制造及产品品质提供了丰富的经验。他始终把客户的需求和满意度放在首位,通过不断的改进来提升产品质量与服务质量,使得日基企业在业内享有良好的口碑。

2000年董事长于浙江温州成立了日基企业,于2011年产值超1亿元,同年于黄山成立安徽日基焊接装备有限公司,2024年年产值已超4亿元。董事长励志将企业打造成为专注于电阻点焊设备的民族优秀品牌。企业在他的领导与团队奋力协作下,先后与多个汽车品牌达成了长久稳定的合作关系。目前日基产品已远销海外多个国家,并在多个海外地区成立了代办。

历经20多年的沉淀,日基企业已经成为一个专业的电阻点焊研发制造的现代企业。

Chairman Shaozhi Ye began his career in resistance spot welding industry in 1990 and has devoted more than 35 years to it. With accumulated experience, he has gained recognition from people in the field. As a leader of the company, he frequently visits the front line, providing valuable experience for research, development, manufacturing, and product quality. He always prioritizes customer needs and satisfaction, continuously improving product and service quality to enhance the reputation of RIJI Enterprise in the industry.

In 2000, the chairman founded RIJI Enterprise in Wenzhou, Zhejiang. By 2011, its annual output value exceeded 100 million yuan. In the same year, Anhui Riji Welding Equipment Co., Ltd. was established in Huangshan. By 2024, the annual output value had surpassed 400 million yuan. The chairman aspires to cultivate the company into a national outstanding brand focusing on resistance spot welding equipment. Under his leadership, the company has collaborated diligently with multiple automobile brands, establishing long-term and stable partnerships. Currently, Riji products are exported to numerous countries overseas, with representative offices established in various overseas regions.

After more than 20 years of development, RIJI Enterprise has become a modern company dedicated



日基企业·全体成员
All members

企业实力 Company strength



拥有各项专利40余项、各类体系认证证书100余项,具备出口任意国家的相关产品资质

With over 40 patents and more than 100 certifications in various systems, the company possesses the necessary qualifications to export its products to any country.

企业荣誉 Company honors



荣获各类荣誉证书多达50多项,企业信誉享誉全国

The company has been honored with over 50 certificates of recognition, establishing a reputable national reputation.

机器人伺服钢点焊钳
ROBOT SERVO STEEL SPOT
WELD GUN



ROBOT SERVO WELD GUN

- 高效 Efficient
- 轻便 Lightweighting
- 快速 Fast
- 稳定 Stable

公司网站: www.anhuiriji.com ; www.riji1999.com
Company website: www.anhuiriji.com; www.riji1999.com

技术支持: +86-559-3567866
Technical Support: +86-559-3567866



安徽日基焊接装备有限公司 Anhui RJI Welding Equipment Co., Ltd.

PERFORMANCE PARAMETER

性能参数

产品特点 Product features

- 高效 Efficient**
模块化设计, 产品部件通用性高, 标准化高达78%。
The products feature a modular design with high component universality, achieving a standardization rate of up to 78%.
- 轻便 Lightweighting**
采用高强度铝合金材料, 机身采用有效框架设计, 产品重量更轻。
The product utilizes high-strength aluminum alloy material and an efficient framework design in the body, resulting in a lighter weight.
- 快速 Fast**
各部件更换、维护时间不超过30分钟。
The replacement and maintenance time for each component does not exceed 30 minutes.
- 稳定 Stable**
产品设计、生产、装配、调试的工艺标准高达100多项, 确保每台设备质量稳定。
The product design, production, assembly, and debugging adhere to over a hundred high process standards, ensuring consistent quality for each equipment.

产品参数		Product parameters				
焊钳形式 Welding guns shape	C / X	焊钳规格 Welding guns size	常规焊钳 Routine	大型焊钳 Large	超大型焊钳 Super Large	特大型焊钳 Extra large
电动缸 Electric cylinder	一体式电动缸 / 分体式电动缸 Integrated / Split type	焊钳吼深 Welding guns depth	<300mm	<600mm	<1000mm	<2000mm
焊接压力 Welding pressure	Max>5000N	C型开口行程 C-type opening stroke	130mm / 190mm / 290mm / 390mm			
变压器 Transformer	100KVA X=50% / 80KVA X=50%	X型开口行程 X-type opening stroke	24° / 19° / 16°			
焊接电流 Welding gun current	20000A / 18000KVA	可焊接板材 Weldable sheet metal	冷轧板 Cold-rolled sheet	镀锌板 Galvanized sheet	高强度 High-strength steel	热成型 Hot-formed steel
		可焊接总厚度 Weldable total thickness	8mm	6mm	6mm	6mm



机器人伺服铝点焊钳
ROBOT SERVO ALUMINUM SPOT
WELD GUN



ROBOT SERVO
ALUMINUM

- 高强度 High intensity
- 大电流 High current
- 快节拍 Fast tempo
- 维护快 Quick maintenance

公司网站: www.anhuiriji.com ; www.riji1999.com
Company website: www.anhuiriji.com; www.riji1999.com

技术支持: +86-559-3567866
Technical Support: +86-559-3567866



安徽日基焊接装备有限公司 Anhui RJI Welding Equipment Co., Ltd.

PERFORMANCE PARAMETER

性能参数

产品特点 Product features

高强度 High intensity

焊臂可在6000N压力下, 挠度可以满足1.5:500mm标准, 电极帽滑移可以控制在1mm。

The welding arm can withstand a pressure of 6000N, with a deflection that meets the standard of 1.5:500mm. The electrode cap slippage can be controlled within 1mm.

大电流 High current

变压器容量225KVA, 最大短路电流>60000A, 适配喉深900mm, 喉高450mm的X型焊钳上时, 最大输出电流可达58000A。

When the X-type welding guns, with a throat depth of 900mm and throat height of 450mm, are matched with a transformer capacity of 225KVA and a maximum short-circuit current exceeding 60000A, the maximum output current can reach 58000A.

节拍快 Fast tempo

设备具有大流量的冷却水路, 水流量可达20L/min。在电流为40000A、通电时间为300ms的情况下, 设备能够每分钟完成15个焊点。

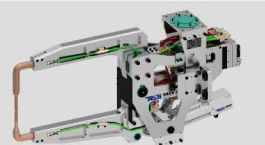
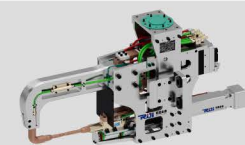
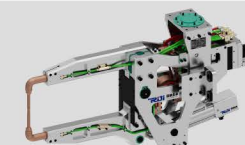
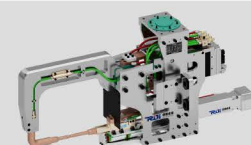
The equipment features a high-flow cooling water system, with a water flow rate of up to 20L/min. Under the conditions of a current of 40000A and an energization time of 300ms, the equipment is capable of completing 15 weld points per minute.

维护快 Quick maintenance

各部件更换、维护时间不超过30分钟。

The replacement and maintenance time for each component does not exceed 30 minutes.

产品参数		Product parameters					
焊钳形式 Welding guns shape	C / X	焊钳规格 Welding guns size	常规焊钳 Routine	大型焊钳 Large	超大型焊钳 Super Large	特大型焊钳 Extra large	
电动缸 Electric cylinder	一体式电动缸 Integrated	焊钳喉深 Welding guns depth	<300mm	<600mm	<1000mm	<2000mm	
焊接压力 Welding pressure	Max.>6000N	C型开口行程 C-type opening stroke	130mm / 190mm / 230mm / 290mm				
变压器 Transformer	225KVA X=50%	X型开口行程 X-type opening stroke	24° / 19° / 16°				
焊接电流 Welding gun current	60000A	可焊接板材 Weldable sheet metal	冷轧板 Cold-rolled sheet	镀锌板 Galvanized sheet	高强度 High-strength steel	热成型 Hot-formed steel	铝合金板 Aluminum alloy sheet
		可焊接总厚度 Weldable total thickness	10mm	10mm	8mm	8mm	8mm



手工一体式钢点焊钳
MANUAL INTEGRATED STEEL
SPOT WELD GUN



MANUAL WELD

- 模块化 Modularity
- 全防护 Full protection
- 体积小 Compact size
- 易操作 Ease of use

公司网站: www.anhuiriji.com ; www.riji1999.com
Company website: www.anhuiriji.com; www.riji1999.com

技术支持: +86-559-3567866
Technical Support: +86-559-3567866



安徽日基焊接装备有限公司 Anhui RIJI Welding Equipment Co., Ltd.

PERFORMANCE PARAMETER

性能参数

产品特点 Product features

模块化 Modularity

机身各部件可独立拆卸、组合,中频和工频变压器可实现互换。

The components of the fuselage can be disassembled and assembled independently, and the medium-frequency and power-frequency transformers can be interchanged.

全防护 Full protection

设备具备全面的防护措施,能够对机身核心部件进行全方位防护。

The equipment is equipped with comprehensive protection measures to fully protect the core components of the fuselage.

体积小 Compact size

设备设计结构紧凑,体积更小,重量更轻,具有较高的灵活性。

The equipment is designed with a compact structure, smaller size, lighter weight, and higher flexibility.

易用性 Ease of use

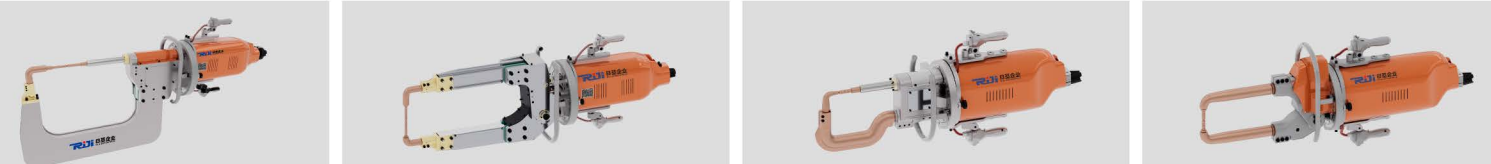
设备简化了用户操作流程,减少了用户的错误操作,提高了用户的工作效率。

The equipment simplifies the user operation process, reduces user errors, and improves user efficiency.

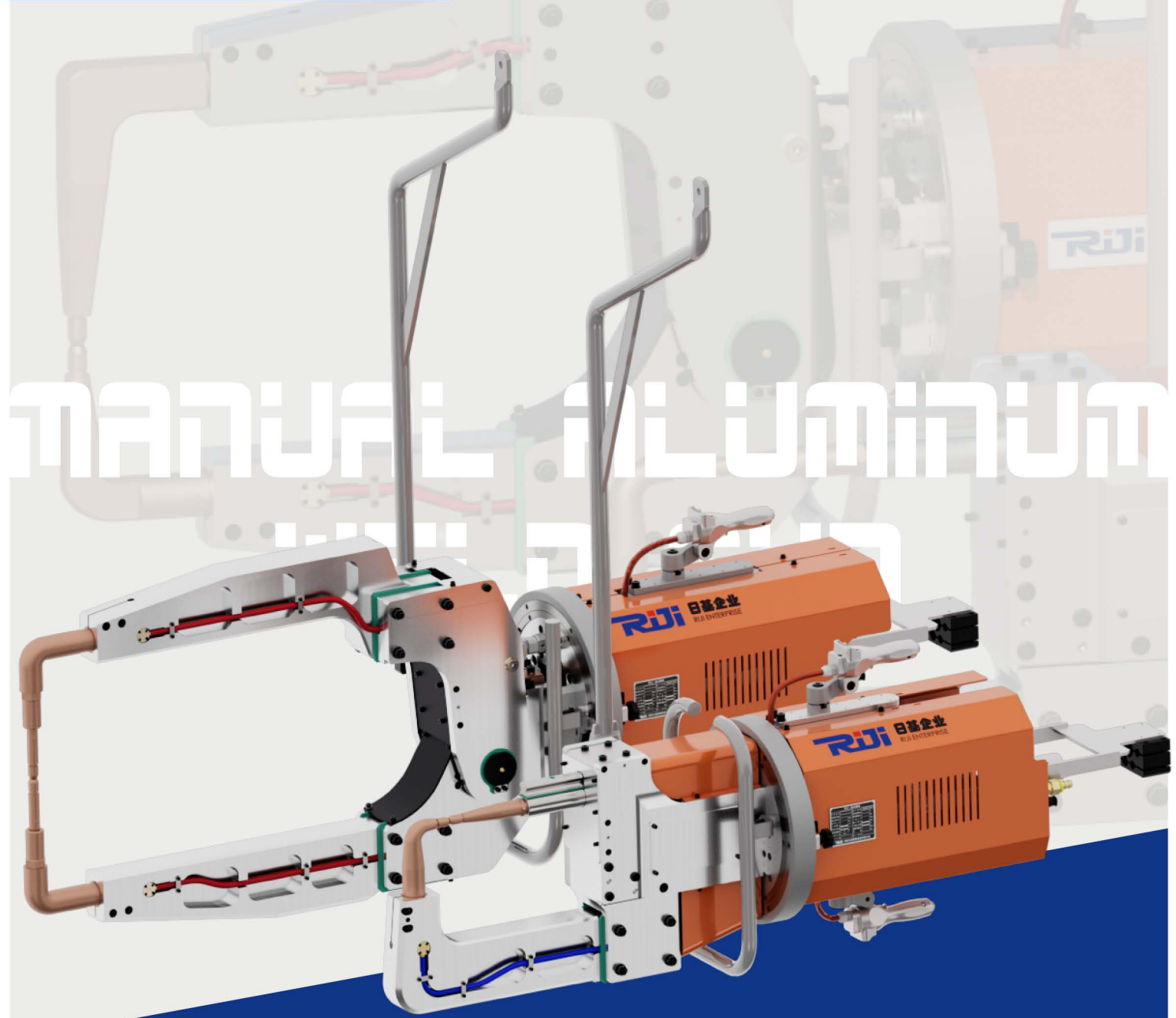
产品参数

Product parameters

焊钳形式 Welding guns shape	C/X				焊接电流 Welding gun current	工频:15000A / 18000A 中频:16000A / 20000A	工频:18000A 中频:20000A		
焊钳规格 Welding guns size	常规焊钳 Routine	大型焊钳 Large	超大型焊钳 Super Large	特大型焊钳 Extra large	C型开口行程 C-type opening stroke	80mm / 120mm	150mm/200mm/300mm		
焊钳呏深 Welding guns depth	<500mm	<700mm	<1000mm	<2000mm	X型开口行程 X-type opening stroke	16°	14°		
焊接压力 Welding pressure	300kgf ~450kgf				可焊接板材 Weldable sheet metal	冷轧板 Cold-rolled sheet	镀锌板 Galvanized sheet	高强度 High-strength steel	热成型 Hot-formed steel
变压器容量 Transformer capacity	工频:40Kva / 63Kva 中频:63Kva / 75Kva		工频:80Kva 中频:85Kva		可焊接总厚度 Weldable total thickness	8mm	6mm	6mm	6mm



手工一体式铝点焊钳
MANUAL INTEGRATED ALUMINUM
SPOT WELD GUN



- 高强度 High intensity
- 大压力 High pressure
- 大电流 High current
- 易操作 Ease of use

公司网站: www.anhuiirji.com ; www.riji1999.com
Company website: www.anhuiirji.com; www.riji1999.com

技术支持: +86-559-3567866
Technical Support: +86-559-3567866



安徽日基焊接装备有限公司 Anhui RJI Welding Equipment Co., Ltd.

PERFORMANCE PARAMETER

性能参数

产品特点 Product features

强度高 High intensity

焊臂可在6000N压力下, 挠度可以满足1.5:500mm标准, 电极帽滑移可以控制在1mm。
The welding arm can meet the 1.5:500mm standard for deflection under a pressure of 6000N, and the electrode cap slippage can be controlled within 1mm.

压力大 High pressure

设备最大输出压力可达6000N, 提高焊接强度, 加快焊接速度, 降低变形的风险。
The equipment can achieve a maximum output pressure of 6000N, which enhances welding strength, speeds up welding velocity, and reduces the risk of deformation.

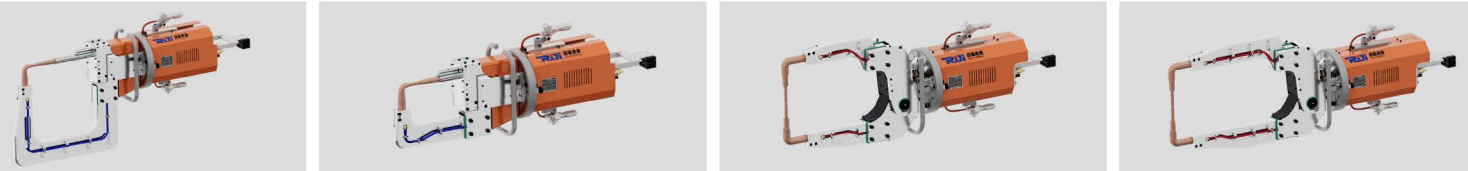
电流大 High current

变压器容量225KVA, 最大短路电流>60000A, 适配喉深900mm, 喉高450mm的X型焊钳上时, 最大输出电流可达58000A。
The transformer has a capacity of 225KVA and a maximum short-circuit current greater than 60000A. When mounted on an X-type welding clamp with a throat depth of 900mm and a throat height of 450mm, the maximum output current can reach 58000A.

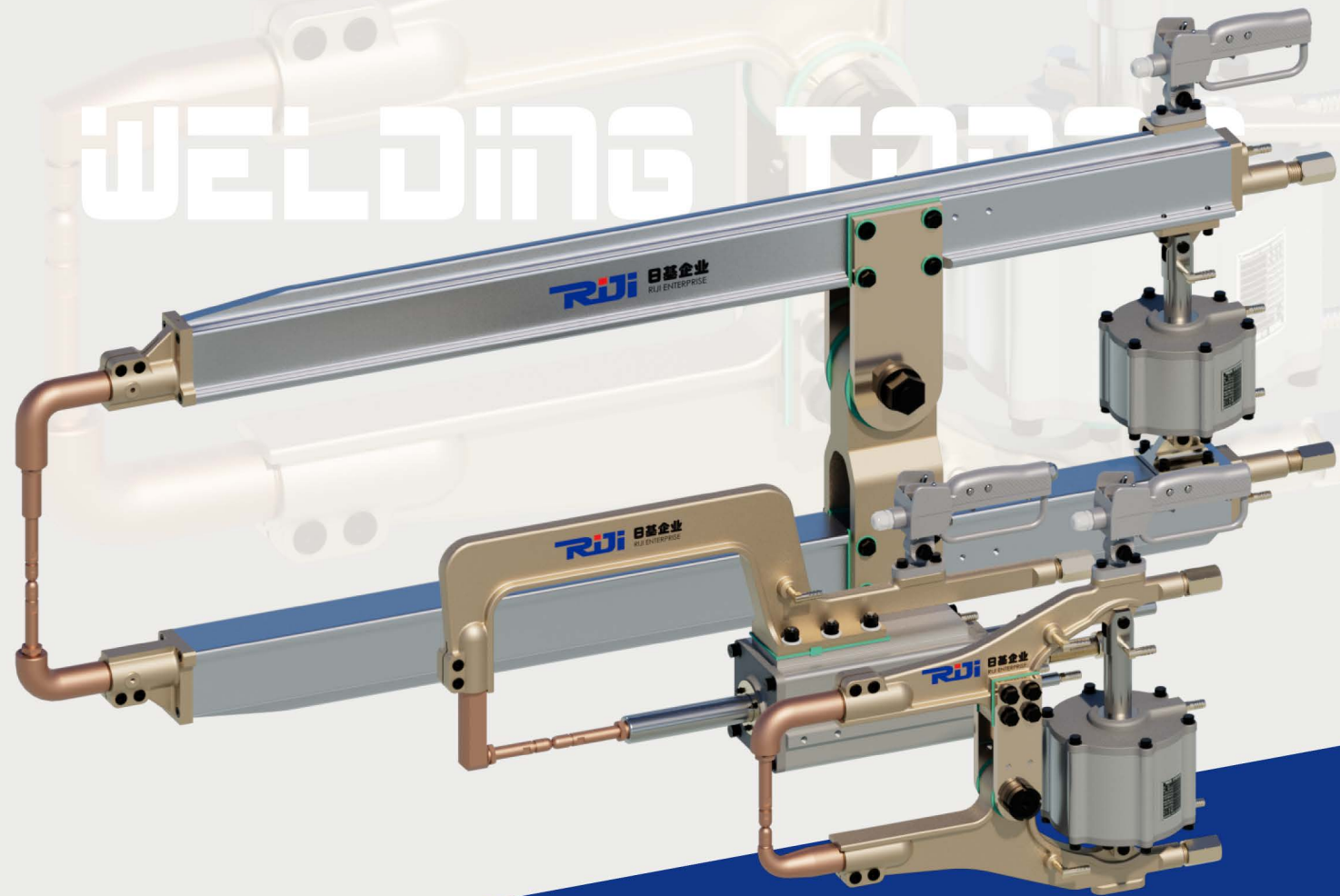
易用性 Ease of use

设备简化了用户操作流程, 减少了用户的错误操作, 提高了用户的工作效率。
The equipment simplifies the user operation process, reduces user errors, and improves user efficiency.

产品参数				Product parameters						
焊钳形式 Welding guns shape	C / X			焊接电流 Welding gun current	60000A					
焊接压力 Welding pressure	5000N~6000N			C型开口行程 C-type opening stroke	80mm / 120mm / 180mm / 250mm / 300mm					
变压器容量 Transformer capacity	225KVA X=50%			X型开口行程 X-type opening stroke	14°					
焊钳规格 Welding guns size	常规焊钳 Routine	大型焊钳 Large	超大型焊钳 Super Large	特大型焊钳 Extra large	可焊接板材 Weldable sheet metal	冷轧板 Cold-rolled sheet	镀锌板 Galvanized sheet	高强度 High-strength steel	热成型 Hot-formed steel	铝合金板 Aluminum alloy sheet
焊钳喉深 Welding guns depth	<400mm	<600mm	<900mm	<1200mm	可焊接总厚度 Weldable total thickness	10mm	10mm	8mm	8mm	8mm



手工分体式焊钳
MANUAL SPLIT TYPE
WELD GUN



- 更稳定
Stability
- 定制化
Customization
- 维护快
Maintain quickly
- 更灵活
Flexibility

公司网站: www.anhuiriji.com ; www.riji1999.com
Company website: www.anhuiriji.com; www.riji1999.com

技术支持: +86-559-3567866
Technical Support: +86-559-3567866



安徽日基焊接装备有限公司 Anhui RJJI Welding Equipment Co., Ltd.

PERFORMANCE PARAMETER

性能参数

产品特点 Product features

更稳定 Stability

采用优质配方的黄铜合金使得铸造的材料硬度达到72HRB, 并且导电率达到27%IACS。

The use of a high-quality formulation of brass alloy enables the cast material to achieve a hardness of 72HRB and a conductivity of 27%IACS.

定制化 Customization

产品样式可根据客户需求进行定制, 能够满足多样化的生产和功能拓展需求。

The product design can be customized according to customer requirements, allowing for diverse production and functional expansion needs to be met.

维护快 Maintain quickly

产品结构简洁, 运行稳定可靠, 因此故障率低、维修便捷, 维护成本低。

The product features a simple and robust structure, resulting in stable and reliable operation, which leads to a low failure rate. Moreover, it offers convenient maintenance and low maintenance costs.

更灵活 Flexibility

气缸动密封圈采用PSD结构, 具有更低的摩擦系数和更稳定的压力输出, 从而延长了产品的使用寿命。

The cylinder dynamic sealing ring adopts a PSD structure, which provides a lower friction coefficient and more stable pressure output, thereby extending the product's lifespan.

产品参数

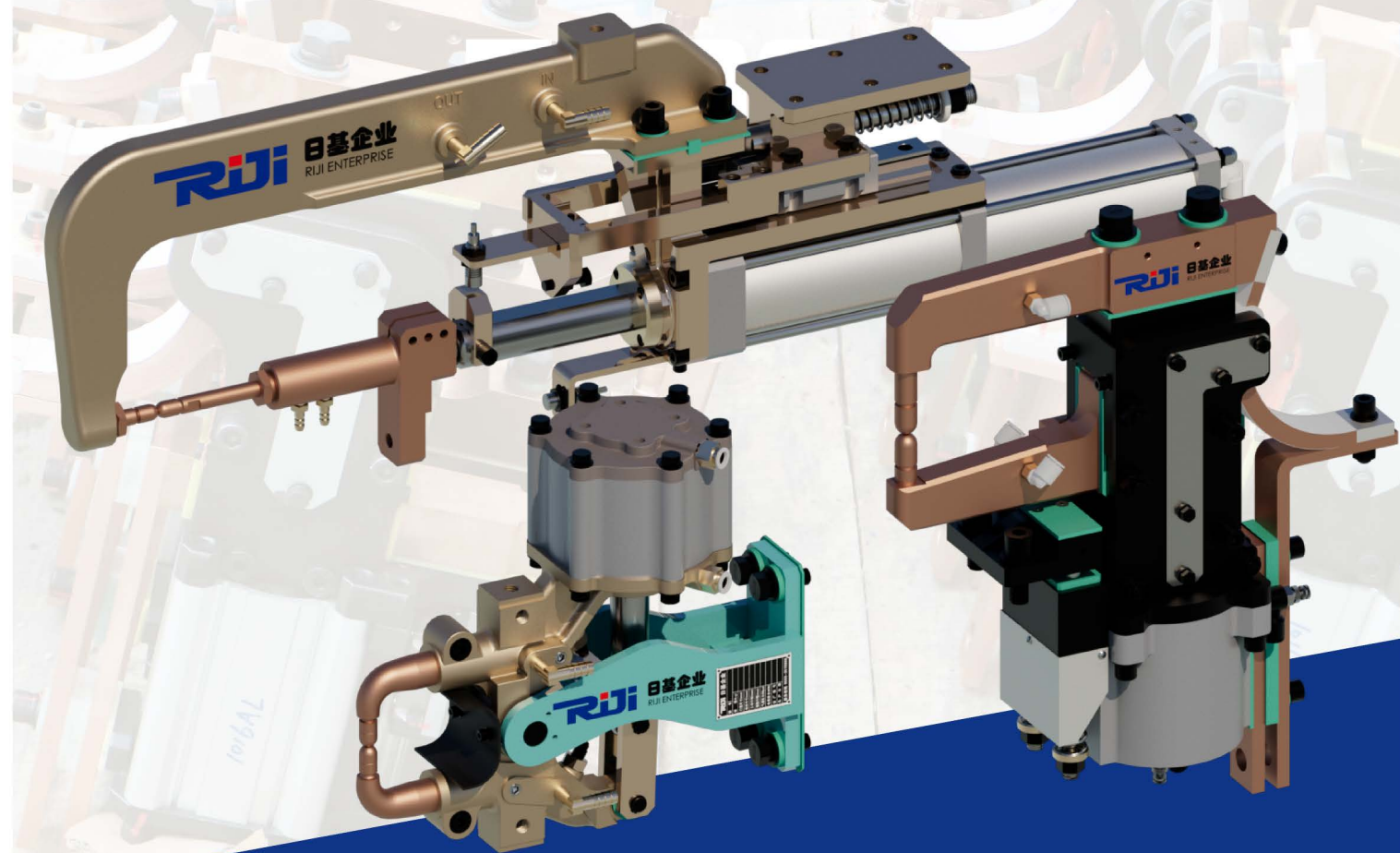
Product parameters

焊钳形式 Welding guns shape	C / X				开口行程 Opening stroke	10mm ~ 600mm			
焊钳规格 Welding guns size	常规焊钳 Routine	大型焊钳 Large	超大型焊钳 Super Large	特大型焊钳 Extra large	可焊接板材 Weldable sheet metal	冷轧板 Cold-rolled sheet	镀锌板 Galvanized sheet	高强度 High-strength steel	热成型 Hot-formed steel
焊钳吼深 Welding guns depth	<300mm	<700mm	<1000mm	<2000mm	可焊接总厚度 Weldable total thickness	6mm	5mm	5mm	5mm
焊接压力 Welding pressure	2000N ~ 6000N								



傀儡焊钳

PUPPET WELD GUN



Widely applicable



Customization



Maintain quickly



Guided wheel axle

公司网站: www.anhuiriji.com ; www.riji1999.com
Company website: www.anhuiriji.com; www.riji1999.com

技术支持: +86-559-3567866
Technical Support: +86-559-3567866



安徽日基焊接装备有限公司 Anhui RIJI Welding Equipment Co., Ltd.

PERFORMANCE PARAMETER

性能参数

产品特点

Product features

应用广 Widely applicable.

产品结合客户需求, 可实现自动或半自动焊接, 可应用于特殊焊点的引出焊接。

The product, in combination with customer requirements, can achieve automatic or semi-automatic welding and can be applied to the welding of special joints.

定制化 Customization

产品样式可根据客户需求进行定制, 能够满足多样化的生产和功能拓展需求。

The product can be customized in terms of style to meet diverse production and functional expansion needs based on customer requirements.

维护快 Maintain quickly

产品结构简洁, 运行稳定可靠, 因此故障率低、维修便捷, 维护成本低。

The product features a simple and robust structure, resulting in stable and reliable operation, which leads to a low failure rate. Moreover, it offers convenient maintenance and low maintenance costs.

导轮式 Guided wheel axle

独特设计的开口方式, 结合了直线和圆弧的运动轨迹, 为产品提供了更大的开合角度。

The product features a unique opening mechanism that combines linear and arc motion trajectories, enabling a wider range of opening angles.

产品参数

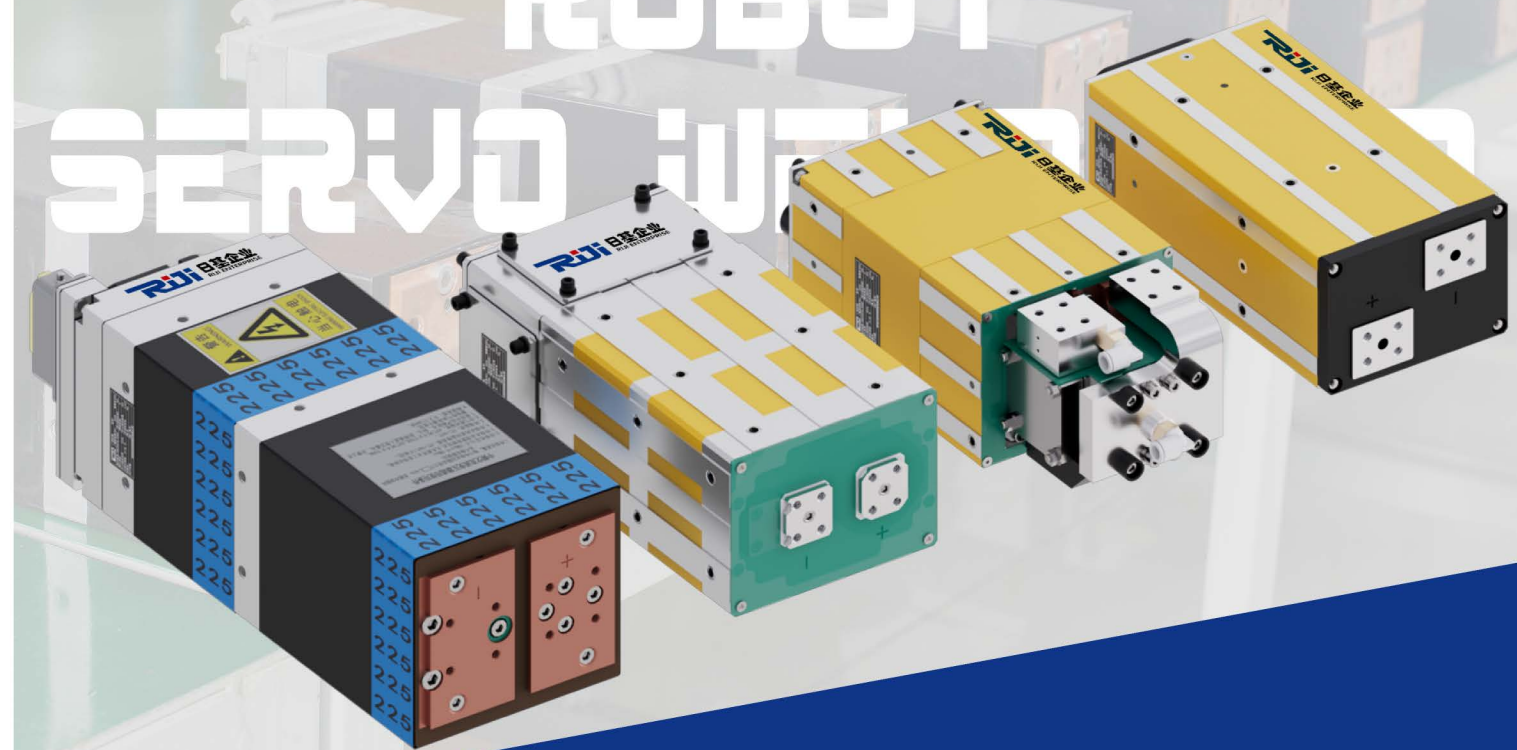
Product parameters

焊钳形式 Welding guns shape	C / X			焊钳形式 Welding guns shape	直线式 / 圆弧式 / 导轮式 Linear type / Arc type / Guided wheel axle
焊钳规格 Welding guns size	常规焊钳 Routine	大型焊钳 Large	超大型焊钳 Super Large	焊钳规格 Welding guns size	小型焊钳 routine 中型焊钳 large 大型焊钳 Super Large
焊钳吼深 Welding guns depth	<300mm	<800mm	<1500mm	焊钳吼深 Welding guns depth	<100mm <300mm <500mm
焊接压力 Welding pressure	2000N~4500N			焊接压力 Welding pressure	2500N / 4000N
开口行程 Opening stroke	10mm ~ 350mm			开口行程 Opening stroke	10mm ~ 300mm



机器人焊钳变压器
TRANSFORMER FOR ROBOT
SERVO WELD GUN

TRANSFORMER FOR ROBOT SERVO WELD GUN



体积小
Compact size



重量轻
Lightweight



散热快
Fast heat dissipation



耐高温
High temperature resistant



噪音低
Low noise level

公司网站: www.anhuiriji.com ; www.riji1999.com
Company website: www.anhuiriji.com; www.riji1999.com

技术支持: +86-559-3567866
Technical Support: +86-559-3567866



安徽日基焊接装备有限公司 Anhui RJJI Welding Equipment Co., Ltd.

PERFORMANCE PARAMETER

性能参数

产品特点 Product features

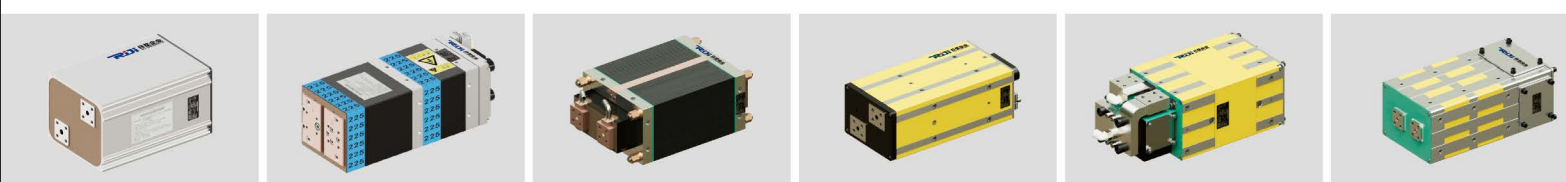
该系列产品是在引进、消化欧洲先进同类产品的基础上进行自主开发研制的。焊接变压器的外形尺寸是根据产品进行匹配设计,使焊钳产品结构更紧凑,质量更轻。硅钢片采用整体冲压工艺制造。初、次级线圈和硅钢片采用真空环氧树脂灌注工艺,具备绝缘性能强、耐高温、重量轻、体积小、散热快、安全耐用等优点。

产品检测及接线方式采用高度集成,可快速链接机器人,便于快速安装及设备维护。并具有多重检测反馈功能。

This product series is independently developed based on the introduction and assimilation of advanced similar products from Europe. The size of the welding transformer is designed to match the product, resulting in a more compact structure and lighter weight for the welding clamp. The silicon steel sheet is manufactured using integral stamping process. The primary and secondary coils, as well as the silicon steel sheets, are infused with vacuum epoxy resin, providing strong insulation performance, high temperature resistance, light weight, small size, fast heat dissipation, and durability.

The product testing and wiring method are highly integrated, allowing for quick connection to robots, facilitating fast installation and equipment maintenance. It also features multiple detection and feedback functions.

产品参数	Product parameters							
型号 Model	PW-55AT	PW-75AT	PW-3G75DT	PW-80DT	PW-100DT-P80	MF-100-00	PSG3100	PW-225T
额定容量 Rated capacity	55KVA	75KVA	75VKA	80KVA	100KVA	100KVA	110KVA	225KVA
输入电压 Input voltage	1~380V	1~380V	PWM500V	PWM500V	PWM500V	PWM500V	PWM500V	PWM 500V
电流频率 Current frequency	50Hz/60HZ	50Hz/60HZ	1000Hz	1000Hz	1000Hz	1000Hz	1000Hz	1000Hz
暂载率 Duty cycle	50%	50%	50%	50%	50%	50%	50%	50%
匝数比 Turn ratio	47	37	70	60	55	55	50	38
次级空载电压 Secondary no-load voltage	8.1V	10.3v	7.1V	8.3V	9.1V	AC9.1V/DC 10.9V	AC 10V	13.15V
最大短路电流 Maximum short circuit current	17KA (X=8%)	18KA (X=8%)	33KA (X=5%)	23KA(X=8.5%)	32KA(X=5.5%)	26KA(X=9%)	26KA(X=8.5%)	42KA (X=8%)
绝缘等级 Insulation level	F	F	F	F	F	F	F	F
冷却水流量 Cooling water flow rate	6L/min	6L/min	6L/min	6L/min	5L/min	6L/min	8L/min	15L/min
冷却水温度 Cooling water temperature	5-30°C	5-30°C	5-30°C	5-30°C	5-30°C	5-30°C	5-30°C	5-30°C
空气相对湿度 Relative humidity of air	≤90%	≤90%	≤90%	≤90%	≤90%	≤90%	≤90%	≤90%
温控保护(°C) Temperature control protection	90 °C	90 °C	80°C/80°C/150°C	80°C/80°C/150°C	80°C/80°C/150°C	80°C/80°C/150°C	80°C/80°C/150°C	80°C/80°C/150°C
重量 Weight	38KG	44KG	21KG	14.5KG	19.5KG	16.5KG	23.5KG	57KG



一体式焊钳变压器
TRANSFORMER FOR INTEGRATED
WELD GUN



体积小
Compact size



重量轻
Lightweight



散热快
Fast heat
dissipation



耐高温
High temperature
resistant



噪音低
Low noise level

公司网站: www.anhuiriji.com ; www.riji1999.com
Company website: www.anhuiriji.com; www.riji1999.com

技术支持: +86-559-3567866
Technical Support: +86-559-3567866



安徽日基焊接装备有限公司 Anhui RJI Welding Equipment Co., Ltd.

PERFORMANCE PARAMETER

性能参数

产品特点

Product features

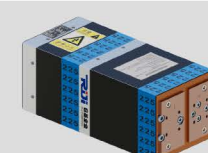
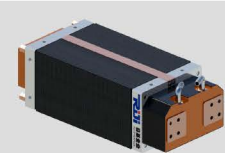
该系列产品是在引进、消化欧洲先进同类产品的基础上进行自主开发研制的。焊接变压器的外形尺寸是根据产品进行匹配设计,使焊钳产品结构更紧凑,质量更轻。硅钢片采用整体冲压工艺制造。初、次级线圈和硅钢片采用真空环氧树脂灌注工艺,具备绝缘性能强、耐高温、重量轻、体积小、散热快、安全耐用等优点。

This product series is independently developed based on the introduction and assimilation of advanced similar products from Europe. The size of the welding transformer is designed to match the product, resulting in a more compact structure and lighter weight for the welding clamp. The silicon steel sheet is manufactured using integral stamping process. The primary and secondary coils, as well as the silicon steel sheets, are infused with vacuum epoxy resin, providing strong insulation performance, high temperature resistance, light weight, small size, fast heat dissipation, and durability.

产品参数

Product parameters

型号 model	DN2-40AT	DN2-63AT	DN2-80T	DBM-63DT	DBM-75DTA	DBM-85T	DBM-225T
额定容量 rated capacity	40KVA	63KVA	80KVA	63KVA	75KVA	85KVA	225KVA
输入电压 input voltage	AC 380V	AC 380V	AC 380V	PWM 500V	PWM 500V	PWM 500V	PWM 500V
电流频率 current frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	1000Hz	1000Hz	1000Hz	1000Hz
暂载率 duty cycle	50%	50%	30%	50%	50%	50%	50%
匝数比 Turn ratio	57	48	46	54	45	55	38
次级空载电压 Secondary no-load voltage	6.7V	7.9V	9V	9.2V	9.8V	9.1V	13.15V
最大短路电流 maximum short circuit current	15KA(X=8%)	18KA(X=9.5%)	16KA(X=8.5%)	16KA(X=8.5%)	16KA(X=8.5%)	20KA(X=10%)	42KA(X=8%)
绝缘等级 Insulation level	F	F	F	F	F	F	F
冷却水流量 Cooling water flow rate	6L/min	6L/min	6L/min	4L/min	4L/min	6L/min	15L/min
冷却水温度 Cooling water temperature	5-30°C	5-30°C	5-30°C	5-30°C	5-30°C	5-30°C	5-30°C
空气相对湿度 Relative humidity of air	≤90%	≤90%	≤90%	≤90%	≤90%	≤90%	≤90%
温控保护(°C) Temperature control protection	90°C	90°C	90°C	80°C/80°C/150°C	80°C/80°C/150°C	80°C/80°C/150°C	80°C/80°C/150°C
重量 weight	27KG	29KG	39KG	15KG	18.5KG	17.2KG	57KG



机器人阻焊控制器
ROBOT SERVO RESISTANCE WELD
CONTROLLER



功能全 Full functionality



更稳定 Enhanced stability



智能化 Intelligent automation



更安全 Enhanced security

公司网站: www.anhuiriji.com ; www.riji1999.com
Company website: www.anhuiriji.com; www.riji1999.com

技术支持: +86-559-3567866
Technical Support: +86-559-3567866



安徽日基焊接装备有限公司 Anhui Riji Welding Equipment Co., Ltd.

PERFORMANCE PARAMETER

性能参数

产品特点 Product features

恒相角 (PHA); 恒电流 (KSR) 控制方式

Control modes: Constant Phase Angle (PHA) and Constant Current (KSR).

具有自适应功能

Includes adaptive functionality.

通讯方式: I/O, Devicenet, profinet, profibus, EthernetIP, CC-link

Communication methods: I/O, Devicenet, profinet, profibus, EthernetIP, CC-link.

可选手持编程和电脑软件编程

Optional handheld programming and computer software programming.

具备报警记录存储功能, 至少存储100条报警记录

Features alarm record storage function, capable of storing at least 100 alarm records.

具有故障保护和报警显示功能, 有报警指示灯

Includes fault protection and alarm display function, with alarm indicator lights.

产品参数	Product parameters
输入电压 Input voltage	AC 3~380V, 50Hz/60Hz 电源波动+10%, -20%
输出电压 Output voltage	PWM 500V
输出频率 Output frequency	1000Hz/1800Hz
环境温度 Temperature	0~50°C
输出电流 Output current	600A(X=10%)
气阀规格 Valve specification	DC 24V
湿度 Humidity	≤90%
冷却方式 Cooling method	风冷 / 水冷 Air-cooled and water-cooled



手工阻焊控制器
MANUAL RESISTANCE WELD
CONTROLLER



Full functionality



Enhanced stability



Intelligent automation



Enhanced security

公司网站: www.anhuiiriji.com ; www.riji1999.com
Company website: www.anhuiiriji.com; www.riji1999.com

技术支持: +86-559-3567866
Technical Support: +86-559-3567866



安徽日基焊接装备有限公司 Anhui Riji Welding Equipment Co., Ltd.

PERFORMANCE PARAMETER

性能参数

产品特点

Product features

中频直流控制器 Medium frequency DC controller

1. 具备256套焊接规范, 以及电流自适应功能、焊点计数功能

Equipped with 256 sets of welding specifications, as well as current adaptive functionality and weld point counting function.

2. 恒相角 (PHA); 恒电流 (KSR) 控制方式

Control modes: Constant Phase Angle (PHA) and Constant Current (KSR).

3. 通讯方式: I/O、预留联网功能

Communication methods: I/O and reserved networking capabilities.

4. 冷却形式: 风冷方式、水冷方式

Cooling options: air-cooled and water-cooled.

5. 可选手持编程和电脑软件编程

Optional handheld programming and computer software programming.

6. 具有三热量, 多脉冲焊接控制, 特别适用于厚板、镀层板的焊接

Offers three heat, multi-pulse welding control, particularly suitable for thick plates and coated plates.

工频交流控制器 Power frequency AC controller

1. 具有电流阶梯递增控制和电流线性递增控制功能

Features current step increment control and current linear increment control.

2. 采用手持编程器编程

Programming with a hand-held programmer

3. 具有出错自检功能, 各种异常代码直接显示在编程器上

Equipped with error self-checking function, various abnormal codes are directly displayed on the programmer.

4. 具有三热量, 多脉冲焊接控制, 特别适用于厚板、镀层板的焊接

Offers three heat, multi-pulse welding control, particularly suitable for thick plates and coated plates.

产品参数

Product parameters

型号 Model	中频直流控制器 Medium frequency DC controller	工频交流控制器 Power frequency AC controller
输入电压 Input voltage	AC 3~380V, 50Hz/60Hz 电源波动+10%, -20%	AC 3~380V, 50Hz/60Hz 电源波动+10%, -20%
输出电压 Output voltage	PWM 500V	AC 380V
输出频率 Output frequency	1000Hz	50Hz / 60Hz
环境温度 Temperature		5~40°C
冷却水温度 Cooling water temperature		5~30°C
冷却水流量 Cooling water flow rate	16L/Min	20L/Min
输出电流 Output current	600A	300A
暂载率 Duty cycle	10%	50%
湿度 Humidity		≤90%
防护等级 Protection level	IP54	IP20



悬挂点焊机

HANGING SPOT WELDING MACHINE



Full functionality



Enhanced stability



High output



Enhanced security

公司网站: www.anhuiriji.com ; www.riji1999.com
Company website: www.anhuiriji.com; www.riji1999.com

技术支持: +86-559-3567866
Technical Support: +86-559-3567866



安徽日基焊接装备有限公司 Anhui RJJI Welding Equipment Co., Ltd.

PERFORMANCE PARAMETER

性能参数

产品特点

Product features

焊机具有双气路结构, 可配两把焊钳轮流工作, 每把焊钳的气压独立可调。

The welder has a dual gas path structure, which can be equipped with two welding guns to work alternately, and the air pressure of each welding guns can be independently adjusted.

焊接过程由微机进行闭环控制, 在电网电压允许波动范围及焊接负载变化的情况下, 均能保证焊接电流的恒定。

The welding process is closed-loop controlled by a microcomputer, and it can ensure a constant welding current within the allowable range of grid voltage fluctuations and welding load changes.

具有出错自检功能, 各种异常情况直接显示在编程器液晶显示屏上。

It has an error self-checking function, and various abnormal situations are directly displayed on the LCD screen of the programmer.

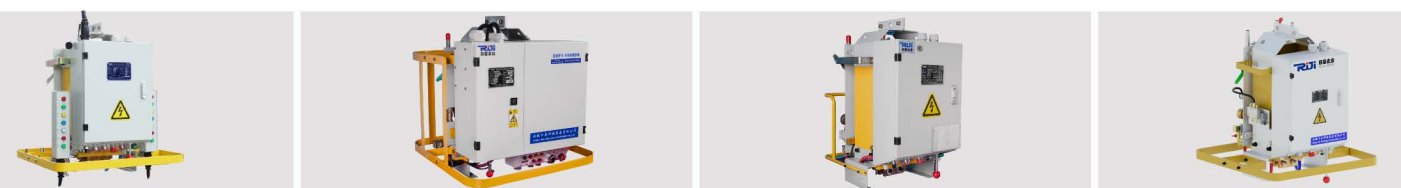
具有断电数据保存功能, 断电十年数据不丢失。

It has a power-off data storage function, and the data will not be lost for ten years after a power failure.

设备内置焊点计数功能。

The equipment has a built-in weld point counting function.

产品参数	Product parameters			
	工频交流悬挂点焊机 AC spot welding machine			中频交流悬挂点焊机 MF AC spot welding machine
产品型号 Model	DN3-160	DN3-200	DN3-250	DB3V-200
额定容量 Rated Capacity	160KVA	200KVA	250KVA	200KVA
额定输入电流 Rated input curr	380V 50Hz 单相 (Single-phase electricity)			380V 50Hz 三相 (Three-phase electricity)
焊接变压器电源 Transformer power supply	380V 50Hz/60Hz			PWM 500V 15-400Hz
负载持续率 Duty cycle	50%			
次级电压 Secondary voltage	23.75V	26.2V	28.1V	25V
最大短路电流 Max short-circuit current	≥16KA	≥18KA	≥24KA	≥18KA
绝缘等级 Insulation grade	F			
匝数比 Rate of turns	16:1	14.5:1	13.5:1	20:1
冷却水消耗量 Cooling Water Consumption	32L/min	32L/min	40L/min	32L/min
冷却水压力 Cooling Water Pressure	0.3MPa			
冷却水温度 Cooling Water Temperature	5~30°C			
气路系统压力 Air system pressure	≤1.0MPa			
外形尺寸 Boundary dimension	440×570×705	440×570×755	680×600×820	654×708×780
重量(含控制器) Weight	206Kg	228Kg	386Kg	265Kg



固定点焊机

FIXED SPOT WELDER



- 高强度

High intensity
- 大压力

High pressure
- 大电流

High current
- 更稳定

Stable

公司网站: www.anhuiriji.com ; www.riji1999.com
 Company website: www.anhuiriji.com; www.riji1999.com

技术支持: +86-559-3567866
 Technical Support: +86-559-3567866



安徽日基焊接装备有限公司 Anhui RJI Welding Equipment Co., Ltd.

PERFORMANCE PARAMETER

性能参数

产品特点 Product features

- 机身由优质钢板整体折弯并焊接而成，刚性好，强度高，外形美观。
 The body is made of high-quality steel sheet, which is bent and welded as a whole, resulting in good rigidity, high strength, and an aesthetically pleasing appearance.
- 控制部分采用工控微电脑芯片，编程界面清晰明了，操作简单。
 The control section adopts an industrial microcomputer chip, providing a clear and user-friendly programming interface, making operations simple and straightforward.
- 产品可根据焊接工件来更换电极配件，进行板件点焊、螺母凸焊、螺栓凸焊等。
 The product can be equipped with electrode accessories according to the welding workpiece, enabling spot welding of panels, projection welding of nuts, bolts and other operations.
- 可根据要求增加多种功能，包括但不限于（吹水功能，指定报警，焊点计数，漏焊提醒等功能）。
 Multiple functions can be added as required, including but not limited to features such as water blowing, specified alarms, weld point counting, and welding defect reminders.



产品参数		Product parameters						
焊机型号 Model	工频交流			中频交流	中频直流			
	PWF1AN-100	PWF1AN-160	PWF1AN-200	PWF1AV-200	PWF1AM-100	PWF1AM-160	PWF1AM-300	
额定容量 Rated capacity	100KVA X=50%	160KVA X=50%	200KVA X=50%	200KVA X=50%	100KVA X=50%	160KVA X=50%	300KVA X=50%	
额定输入电流 Rated input current	380V 50Hz 单相 (Single-phase electricity)			380V 50Hz 三相 (Three-phase electricity)				
变压器电源 Transformer power supply	380V 50Hz			PWM 500V 15-400Hz	PWM 500V 1000Hz			
次级空载电压 Secondary no-load voltage	10.6V	11.9V	13.1V	11.1V	9.1V	13.2V		
最大短路电流 Maximum short-circuit current	28KA	30KA	33KA	32KA	30KA	45KA	55KA	
连续输出电流 Continuous output current	6.7KA	9.5KA	10.8KA	12.7KA	7.8KA	8.5KA	17KA	
电极臂间距离 Distance between electrode arms	300mm							
电极开口 Electrode opening	80mm							
电极压力 Electrode pressure	9000N (标配气缸) (Standard cylinder)							
冷却水流量 Cooling water flow rate	26L/min	30L/min	32L/min	20L/min	18L/min	20L/min	35L/min	
重量 Weight	615KG	710KG	730KG	760KG	495KG	570KG	870KG	
焊接范围 Welding scope	点焊 Spot welding	2.0mm	2.8mm	3.5mm	3.5mm	2.3mm	3.5mm	6.0mm
	凸焊螺母 Projection welding nut	Max M10	Max M14	Max M16	Max M16	Max M12	Max M16	Max M16
	凸焊螺母、螺栓 Flange nut and bolt	Max M8	Max M10	Max M12	Max M12	Max M10	Max M12	Max M16



Low loss



High toughness



High wear resistance



Pressure resistance



Extensive variety of types

PERFORMANCE PARAMETER

性能参数

产品特点

Product features

无感通水电缆

Noninductive water cooled cable

无感通水电缆采用两级同轴设计结构, 该结构具有感抗小、损耗低的特点, 焊接时无抖动现象, 同时具备稳定性强、使用寿命长等优点。

The non-contact water-filled cable adopts a two-stage coaxial design structure, which is characterized by low inductance and low loss. It exhibits no vibration during welding, and is known for its strong stability and long service life.

有感通水电缆

Inductive water cooled cable

有感通水电缆采用单级单轴设计结构, 该结构具有较小的弯曲半径和低扰动阻力。该电缆安装于焊钳尾部, 从而提高了焊钳的可操作性, 降低了劳动强度, 维护成本也较低。

Water-cooled cables with through-flow adopt a single-stage single-axis design structure, which features a smaller bending radius and low disturbance resistance. These cables are installed at the rear of the welding torch, thereby improving maneuverability and reducing labor intensity. Additionally, they have lower maintenance costs.

空冷电缆

Air cooled cable

空冷电缆适用于焊接频次较低的情况下, 通过空气自然冷却而无需使用水冷系统。该电缆具有多种截面和接头种类, 且具有良好的柔性和任意长度选择的特点。

Air-cooled cables are suitable for situations with lower welding frequencies, as they can be naturally cooled by air without the need for a water cooling system. These cables come in various cross-sections and connector types, and they offer excellent flexibility and the ability to choose any desired length.



无感通水电缆
Noninductive water cooled cable



有感通水电缆
Inductive water cooled cable



空冷电缆
Air cooled cable

轨道悬挂系统

TRACK SUSPENSION SYSTEM

TRACK SUSPENSION SYSTEM



滑动灵活

Flexible sliding.

安装简易

Easy installation

承载力高

High carrying capacity

安全可靠

Safe and reliable

公司网站: www.anhuiriji.com ; www.riji1999.com
Company website: www.anhuiriji.com; www.riji1999.com

技术支持: +86-559-3567866
Technical Support: +86-559-3567866

RJI 日基企业
RIJI ENTERPRISE

安徽日基焊接装备有限公司 Anhui RIJI Welding Equipment Co., Ltd.

PERFORMANCE PARAMETER

性能参数

轨道悬挂系统

Track Suspension System



该系统由Ω型轨道、弹簧平衡器、各种吊具、滑车、连接件构造出安全可靠的三维物流空间。可应用于各种轻型设备运输场合。

The system consists of an Omega-shaped track, spring balancers, various lifting equipment, trolleys, and connectors, creating a safe and reliable three-dimensional logistics space. It can be applied in various situations for transporting lightweight equipment.

主要特点

Main features

轨道用高强度钢制作, 刚性高、承载力高。

The track is made of high-strength steel, providing high rigidity and a high load-bearing capacity.

操作轻便、节省空间。

The operation is lightweight and space-saving.

寿命长、安装简单、使用成本低。

Long lifespan, easy installation, and low operating costs.

可用于生产线、装配线的物料运输或搬运。特别适合汽车焊装生产线的设备悬挂。

Suitable for material transportation or handling in production lines and assembly lines. Particularly suitable for equipment suspension in automotive welding production lines.



轨道 Track



连接件 Connector



滑车 Trolley



弹簧平衡器 Spring balancer

RW系列弹簧平衡器是我公司自行设计制造的一种与操作工具配套使用的辅助工具。该系列产品载荷范围在1Kg~180kg, 产品借助卷簧积蓄的能量, 使所悬挂的操作工具处于无重状态, 大大降低了操作工人的劳动强度。

The RW series spring balancer is an auxiliary tool designed and manufactured by our company for use with operating tools. This series of products has a load range of 1kg to 180kg. By utilizing the energy stored in the coil spring, the suspended operating tool is rendered weightless, significantly reducing the labor intensity for the operators.

易耗件、易损件

Wear-prone part、Consumable part



High quality



High strength



Category wide



Customizable

公司网站: www.anhuiriji.com ; www.riji1999.com
Company website: www.anhuiriji.com; www.riji1999.com

技术支持: +86-559-3567866
Technical Support: +86-559-3567866

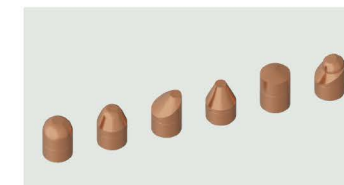


安徽日基焊接设备有限公司 Anhui Riji Welding Equipment Co., Ltd.

PERFORMANCE PARAMETER

性能参数

产品特点 Product features



电极帽 Electrode cap

电极帽直径 Electrode cap diameter	Ø13 / Ø16 / Ø19 / Ø20	注:非标尺寸可定制。 Note: Non-standard sizes can be customized.
电极帽长度 Electrode cap length	20mm/23mm/25mm/25mm	
电极帽材料 Electrode cap material	铬锆铜(Cr-Zr-Cu) / 氧化铝铜(Aluminum oxide copper)	
接触面直径 Contact surface diameter	Ø5 / Ø6 / Ø8	



电极杆 Electrode rod

电极杆直径 Electrode rod diameter	Ø13 / Ø16 / Ø19 / Ø20	注:非标尺寸可定制。 Note: Non-standard sizes can be customized.
电极杆长度 Electrode rod length	50mm~200mm	
电极帽材料 Electrode cap material	铬锆铜(Cr-Zr-Cu) / 铍铜(Beryllium Copper)	



电极座 Electrode holder

电极杆直径 Electrode rod diameter	Ø13 / Ø16 / Ø19 / Ø20	注:非标尺寸可定制。 Note: Non-standard sizes can be customized.
电极座长度 Electrode holder length	25mm~200mm	
电极座材料 Electrode holder material	铬锆铜(Cr-Zr-Cu) / 铍铜(Beryllium Copper)	



电极臂 Electrode arm

冷却形式 Cooling form	水冷(Water-cooling)	注:非标尺寸可定制。 Note: Non-standard sizes can be customized.
加工工艺 Processing technology	铸造/冷弯/铣削(Casting / Cold bending / Milling)	
电极臂材料 Electrode arm material	铬锆铜(Cr-Zr-Cu) / 铍铜(Beryllium Copper) / 硅镍铜(Silicon nickel copper)	



凸焊电极 Convex welding electrode

定位销材料 Positioning sales materials	不锈钢 / KCF / 陶瓷(Stainless steel / KCF / ceramic)	注:非标尺寸可定制。 Note: Non-standard sizes can be customized.
可焊螺栓/螺母规格 Bolt/nut specifications	M5 / M6 / M8 / M10 / M12 / M16	
凸焊螺母样式 Projection weld nut	方形螺母(SQUARE NUT) / 六角法兰螺母(Hexagon flange nut)	
凸焊螺栓样式 Projection welding bolt	承面凸焊螺栓(Bearing face projection weld bolts)	



凸焊握杆 Convex welding electrode arm

凸焊握杆材料 Electrode arm material	铬锆铜(Cr-Zr-Cu) / 铍铜(Beryllium Copper) / 硅镍铜(Silicon nickel copper)	注:非标尺寸可定制。 Note: Non-standard sizes can be customized.
握杆直径 Electrode arm diameter	Ø30mm~Ø45 mm	



软连接 Soft connection

软连接材料 Soft connection material	紫铜(Copper)	注:非标尺寸可定制。 Note: Non-standard sizes can be customized.
导电工艺 Processing technology	端面镀银(Silver plating on the end face)	
绝缘工艺 Insulation process	绝缘布(insulation cloth) / 四氟聚乙稀板(PTFE sheet)	