



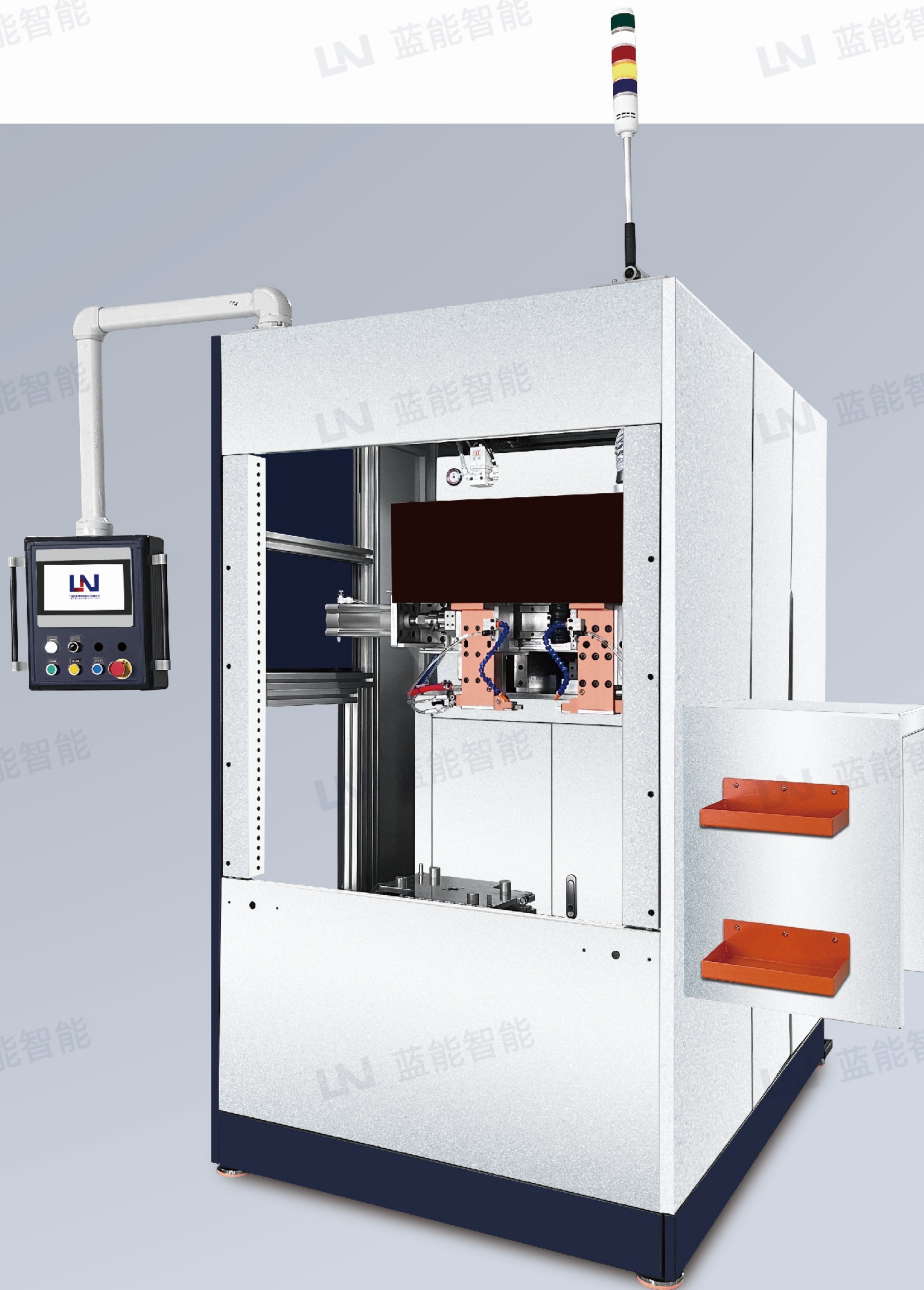
广州蓝能智能装备股份有限公司
Guangzhou Lanneng Intelligent Equipment Co., LTD.

中国智能精密
电阻焊方案提供商

China intelligent precision
Resistance welding solution provider

电机引线热熔焊接机
优秀服务商

Excellent service provider of motor
lead hot melt welding machine



产品宣传册

PRODUCT BROCHURE

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WEB

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广州蓝能智能装备股份有限公司

Guangzhou Lanneng Intelligent Equipment Co., LTD.

广州蓝能智能装备股份有限公司成立于2011年，是中国智能精密电阻焊方案提供商、电机引线热熔焊接机优秀服务商，也是高新技术企业、省级“专精特新”中小企业、创新型中小企业、科技型中小企业。专业研究、开发、生产、销售智能精密电阻焊设备、圆线/扁线电机引出线焊接机、漆包线/电磁线热熔焊接设备、汽车零部件焊机、非标自动化焊接设备等。

团队持续研究稳定高效的多股漆包线免脱漆焊接工艺，向市场推出性能优越的漆包线/电磁线热熔焊接机，得到市场高度认可，系列产品在细分市场占有率达70%。

公司产品广泛应用于汽车新能源电机、伺服电机、三相异步电机、减速机、空压机、两轮电动车电机、磁性元件等行业。合作客户包括以下企业：

新能源电机行业：广汽、大众、苏州汇川动力、浙江方正、博格华纳、卧龙采埃孚、武汉智新、宁波菲仕、合肥巨一、法雷奥、珠海英博尔、索恩格、中车、信质、极电、厦门势拓、威灵汽车、南洋、舜驱、格雷博、奥思伟尔、双林、易唯科、朗高、松正等。

伺服电机行业：西门子中国、SEW电机、诺德电机、苏州汇川技术、库卡机器人、艾创、菲仕等。

磁性元件行业：可立克、海光、威迈斯、威海昌星、雅玛西、东莞昱懋、铂恩氏、天津光电、京泉华、顺络。

空压机行业：广东美芝、芜湖美芝、江西海立。

Guangzhou Lanneng Intelligent Equipment Co., LTD. was founded in 2011. We are China's intelligent precision resistance welding solution provider, but also the motor lead hot melt welding machine excellent service provider. We have certificates: high-tech enterprises, provincial "specialized special new" small and medium-sized enterprises, innovative small and medium-sized enterprises, science and technology SMEs. We are specialized in research, development, production and sales of intelligent precision resistance welding equipment, round wire/flat wire motor outlet welding machine, enameled wire/electromagnetic wire hot melt welding equipment, auto parts welding machine, non-standard automatic welding equipment.

We continue to study the stable and efficient multi-strand enameled wire paint-free welding process, and introduce the superior performance of enameled wire/electromagnetic wire hot melt welding machine to the market. We have been highly recognized by the market, and our series products occupy 70% of the market segment.

Our products are widely used in automotive new energy motor, servo motor, three-phase asynchronous motor, reducer, air compressor, two-wheel electric motor, magnetic components and other industries. Our clients include:

New energy motor industry: Gac, Volkswagen, INOVANCE, Zhejiang Founder, BorgWarner, Wolong ZF, Wuhan Zhixin, Ningbo Physis, JEE, Valeo, Zhuhai Enpower, SEG, CRRC, Xinzhi, Jidian, Xiamen Centto Servo-Motor, Welling, Nanyang, Shunqu power, GLOBAL, Oswell, Shuanglin, Evkmot, Lonco, Santroll and so on.

Servo motor industry: Siemens (China), SEW- EURODRIVE, NORD Drivesystems, Suzhou Inovance, KUKA, ITRUST, PHASE and so on.

Magnetic components Industry: CLICK, Hygon, Vmax, Weihai Changsung, Yamaxi, Friendship Nanocrystal, BOURNS, TOEC, JingQuanHua, Sunlord.

Air compressor industry: GMCC (Guangdong), GMCC (Anhui), Highly (Jiangxi).



● 荣誉证书/HONORS



高新技术企业证书
HIGH-TECH ENTERPRISE CERTIFICATE

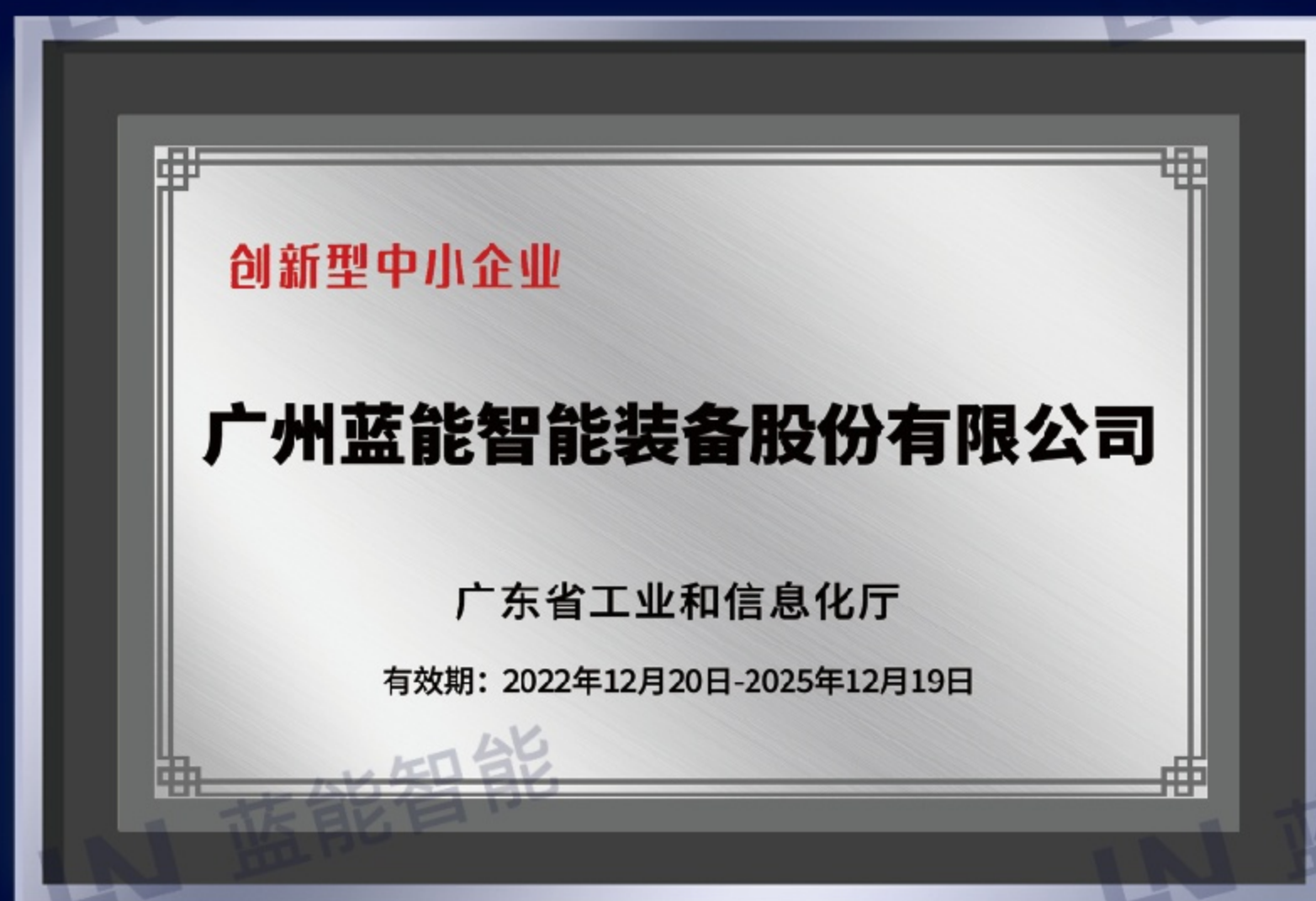


专精特新企业证书
SPECIALIZED SPECIAL NEW ENTERPRISE CERTIFICATE

· 高新技术企业
HIGH-TECH ENTERPRISES

· 省级“专精特新”企业
PROVINCIAL "SPECIALIZED AND SPECIAL NEW" ENTERPRISES

· 创新型中小企业
INNOVATIVE SMALL AND MEDIUM-SIZED ENTERPRISES



创新型企业证书
INNOVATIVE ENTERPRISE CERTIFICATE

● 合作客户/CUSTOMER



扁线电机引线焊接设备

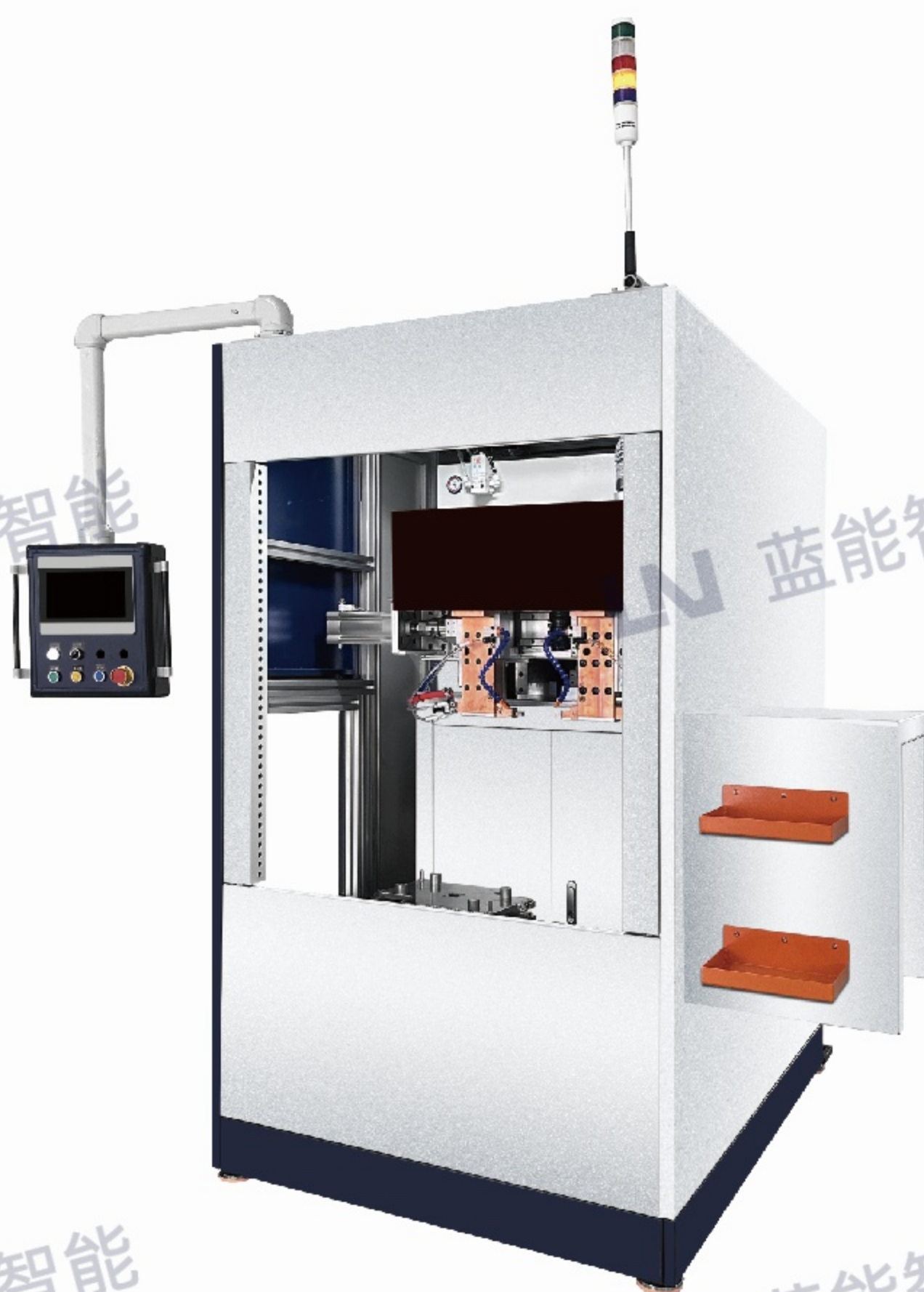
FLAT WIRE MOTOR LEAD WELDING EQUIPMENT



- 扁线电机三相引出线和BUSBAR焊接。
 - 位移监控、压力监控、电流监控、时间监控、数据可保存、MES对接等功能。
 - 焊接保持一致性，焊接后端子厚度偏差不超过0.1MM。
 - 可以实现线下单机焊接和线上自动化焊接。
- FLAT WIRE MOTOR THREE-PHASE LEAD WIRE AND BUSBAR WELDING.
· DISPLACEMENT MONITORING, PRESSURE MONITORING, CURRENT MONITORING, TIME MONITORING, DATA PRESERVATION, MES DOCK-ING AND OTHER FUNCTIONS.
· THE WELDING SHALL BE CONSISTENT, AND THE THICKNESS DEVIATION OF THE TERMINAL SHALL NOT EXCEED 0.1MM AFTER WELDING.
· IT CAN REALIZE OFFLINE SINGLE MACHINE WELDING AND ONLINE AUTOMATIC WELDING.

左右夹焊对焊结构焊接机

LEFT AND RIGHT CLAMP WELDING BUTT WELDING
STRUCTURE WELDING MACHINE.



- 适合装线、拆卸、焊接在同一工位操作
- SUITABLE FOR ASSEMBLING, DISASSEMBLING AND WELDING AT THE SAME STATION.

左右夹焊对焊结构焊接机

LEFT AND RIGHT CLAMP WELDING BUTT WELDING
STRUCTURE WELDING MACHINE.



- 适应各种不同结构的定子焊接
- SUITABLE FOR STATOR WELDING OF DIFFERENT STRUCTURES.

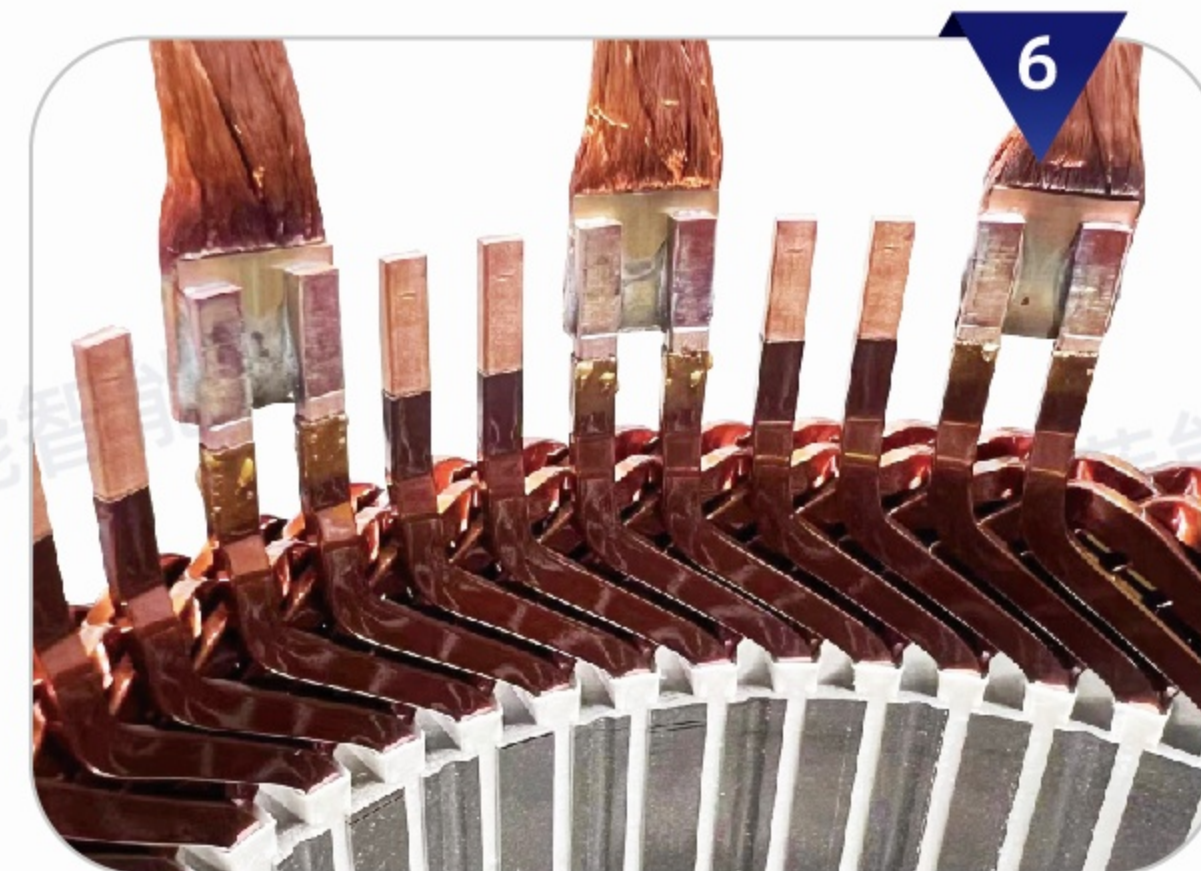


● 焊接应用/APPLICATION



适用于扁线电机三相引出线焊接。

APPLICABLE TO THREE-PHASE OUTGOING WIRE WELDING OF FLAT WIRE MOTOR.



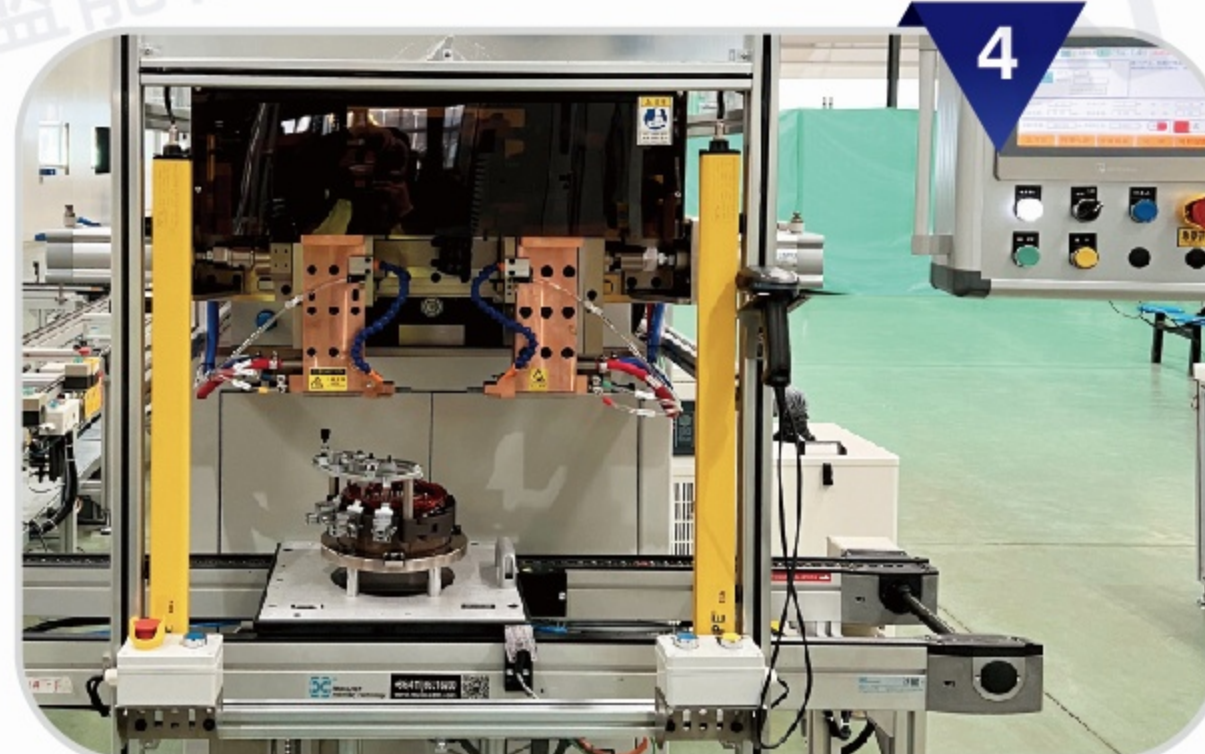
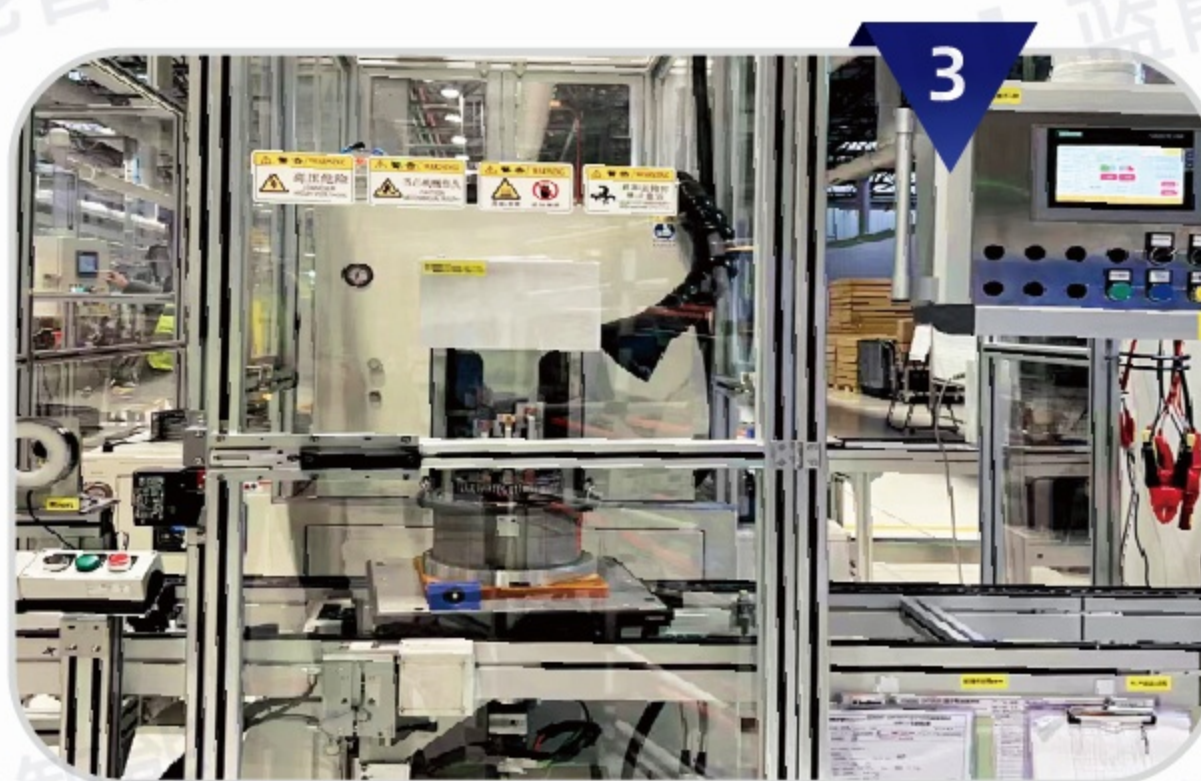
● 项目经验/EXPERIENCE

电机生产商：汇川联合动力、浙江方正、博格华纳、广汽、大众、吉利极电、宁波菲仕、中车电机、索恩格、武汉智新、厦门势拓、法雷奥、双林、易唯科、格雷博、信质集团、舜驱、松正等。

MOTOR MANUFACTURER: INOVANCE, ZHEJIANG FOUNDER, BORGWARNER, GAC, VOLKSWAGEN, JIDIAN, NINGBO PHYSIS, CRRC, SEG, WUHAN ZHIXIN, XIAMEN CENTTO SERVO-MOTOR, VALEO, SHUANGLIN, EVKMOT, GLOBAL, XINZHI, SHUNQU POWER, SANTROLL AND SO ON.

产线商：上海邦迪、大连豪森、无锡跃科、日特、珠海达明、金岷江、苏州艾易得、大族激光、捷云智能、东莞皓星、德星云、合力士、英维特等。

PRODUCTION LINE MANUFACTURERS: TIAUTOMOTIVE (SHANGHAI), DALIAN HAOSSEN, UPTEC (WUXI), NIT-TOKU, DAMING (ZHUHAI), GIMECH TECHNOLOGY, AIYIDE, HAN'S LASER, GETWIN AUTOMATION (SUZHOU), ORIENT NEO STAR (DONGGUAN), TECH-SHINE, HONEST, INVENT (SUZHOU).

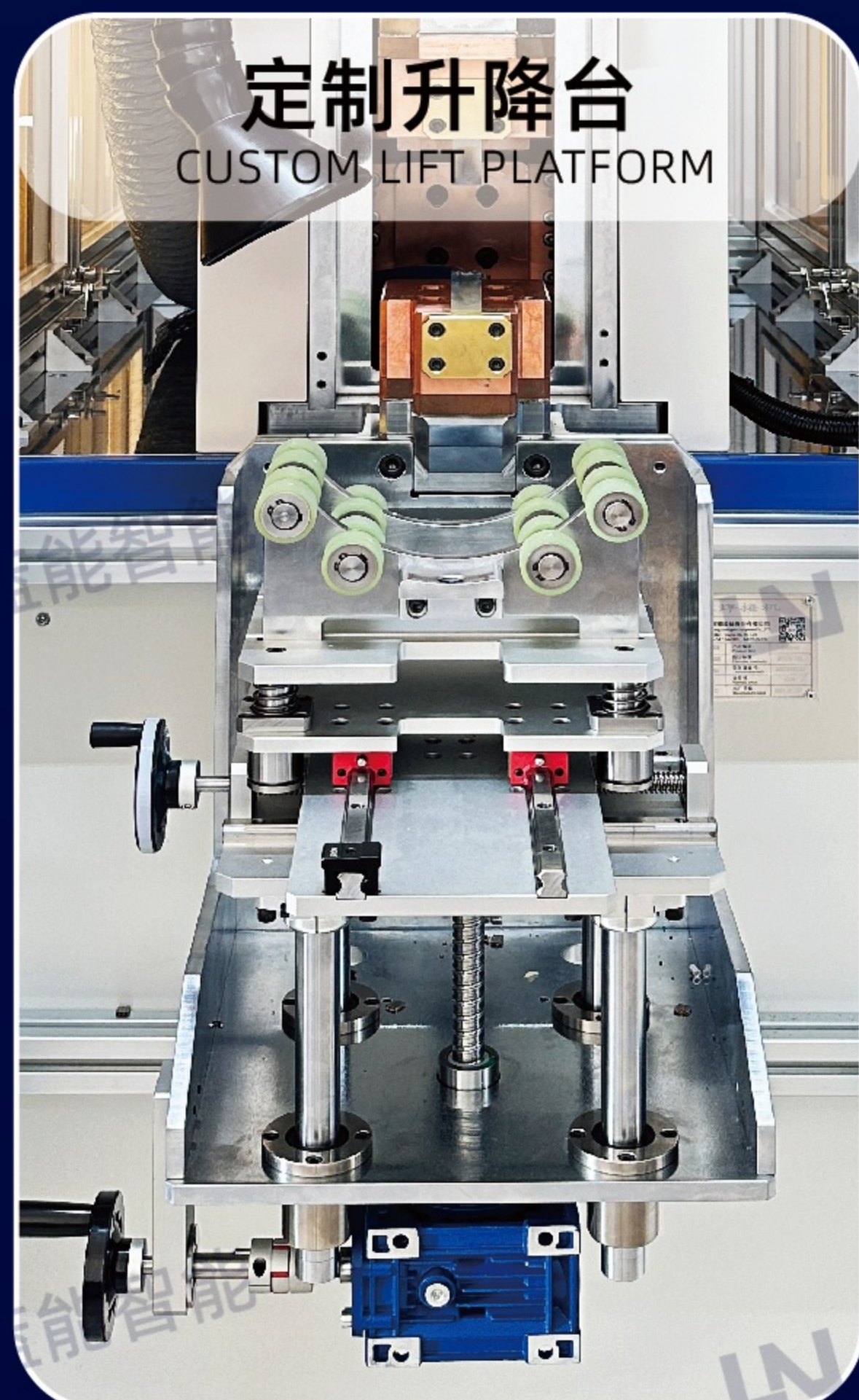


圆线电机引线焊接设备

ROUND WIRE MOTOR LEAD WELDING EQUIPMENT



- 非标定制/NON-STANDARD CUSTOMIZATION
- 机构齐全/COMPLETE ORGANIZATION
- 功能强大/POWERFUL



定制升降台
CUSTOM LIFT PLATFORM

E/M系列热熔焊接机

E/M SERIES HOT MELT WELDING MACHINE.

- 上下碰焊结构
WELDING STRUCTURE
UP AND DOWN



·LN-RRJ-100M

- 智能精密、数据追溯、焊接无忧
· INTELLIGENT PRECISION, DATA TRACEABILITY, WORRY-FREE WELDING.

C系列带电机顶升平台焊机

C SERIES WITH MOTOR TOP LIFT PLATFORM WELDER.



- 非标定制
NON-STANDARD
CUSTOMIZATION

- 产线配合
PRODUCTION LINE
MATCHING

- 扁线圆线电机焊接通用
- 自动顶升、自动旋转、自动焊接
- AUTOMATIC JACKING, AUTOMATIC ROTATION, AUTOMATIC WELDING.
- FLAT WIRE ROUND WIRE MOTOR WELDING UNIVERSAL.

C系列夹焊热熔焊接机

C SERIES CLAMP WELDING HOT MELT WELDING MACHINE.



- 卧式左右对焊结构
HORIZONTAL LEFT AND
RIGHT BUTT WELDING
STRUCTURE

- 适配不同产线不同定子高度
- 焊接点高度可电动升降 $\leq 200\text{MM}$

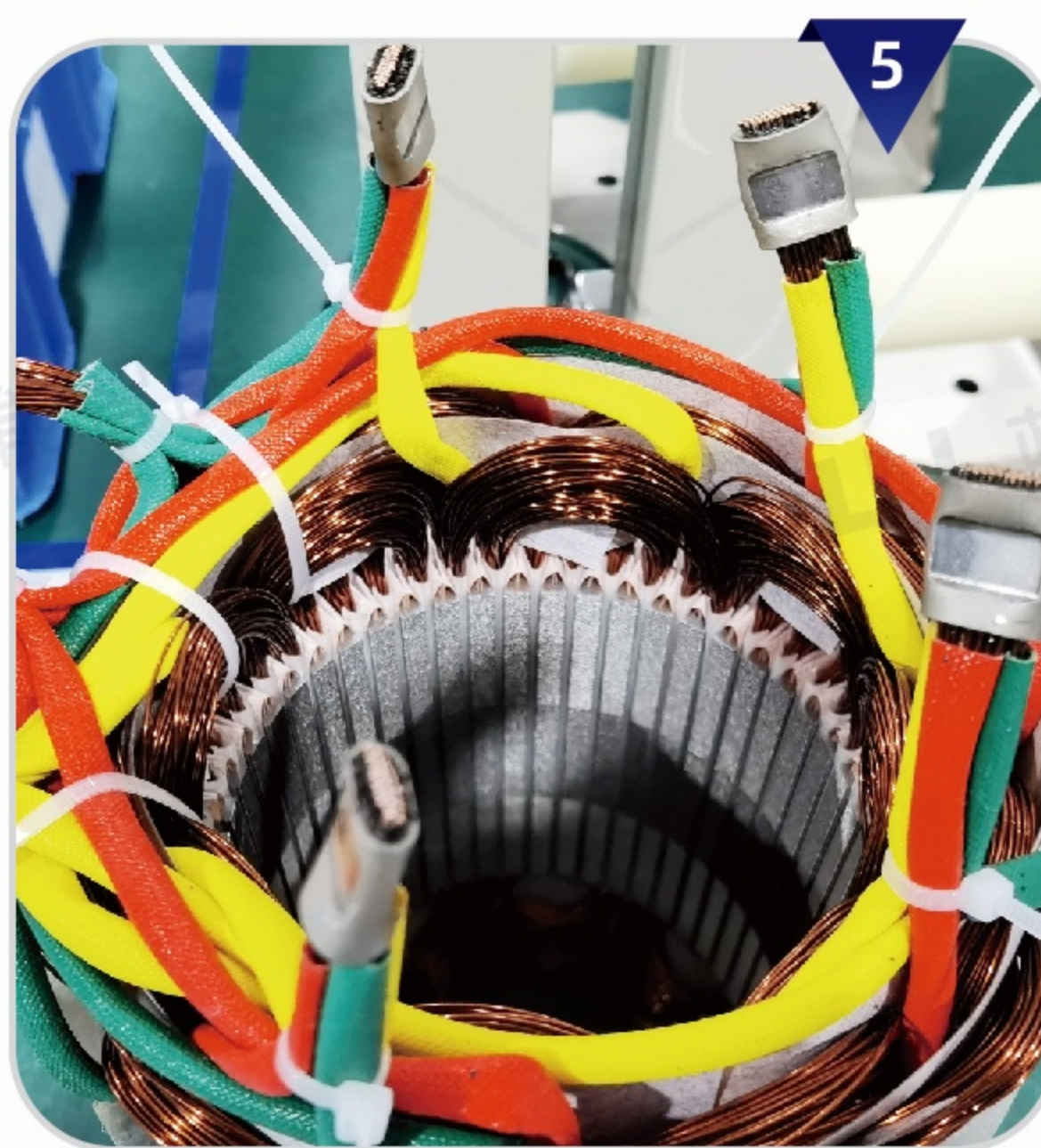
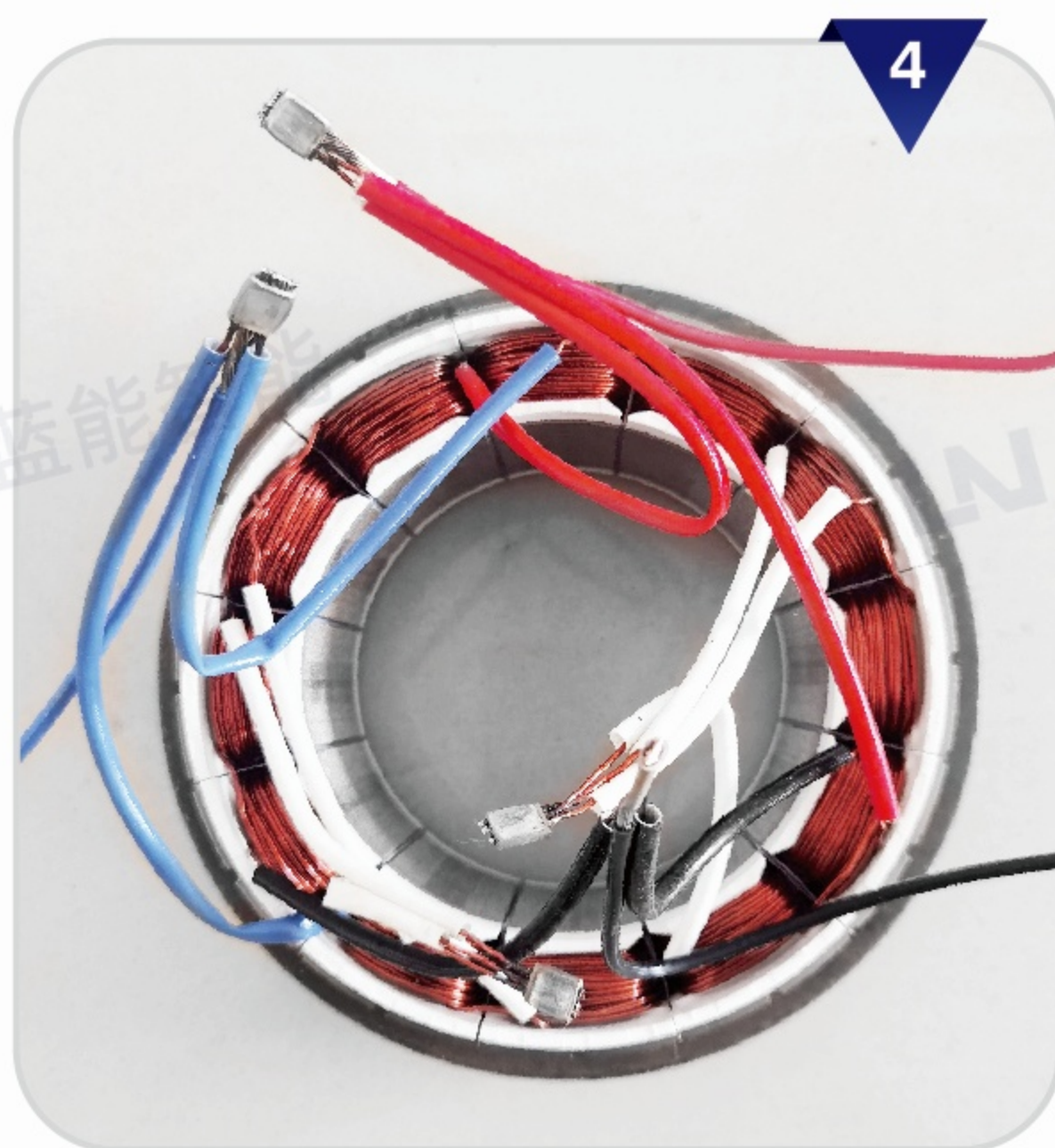
- SUITABLE FOR DIFFERENT STATOR HEIGHTS OF DIFFERENT PRODUCTION LINES, THE HEIGHT OF WELDING POINTS CAN BE $\leq 200\text{MM}$.

● 焊接应用/APPLICATION



应用:汽车电机、纯电动汽车、混合动力汽车、电动大巴车、电动叉车、电动三轮车、旅游观光车、空调电机、电梯电机、地铁驱动电机、发电电机、EPS电机、油汀电机、电抗器、充电桩等领域。

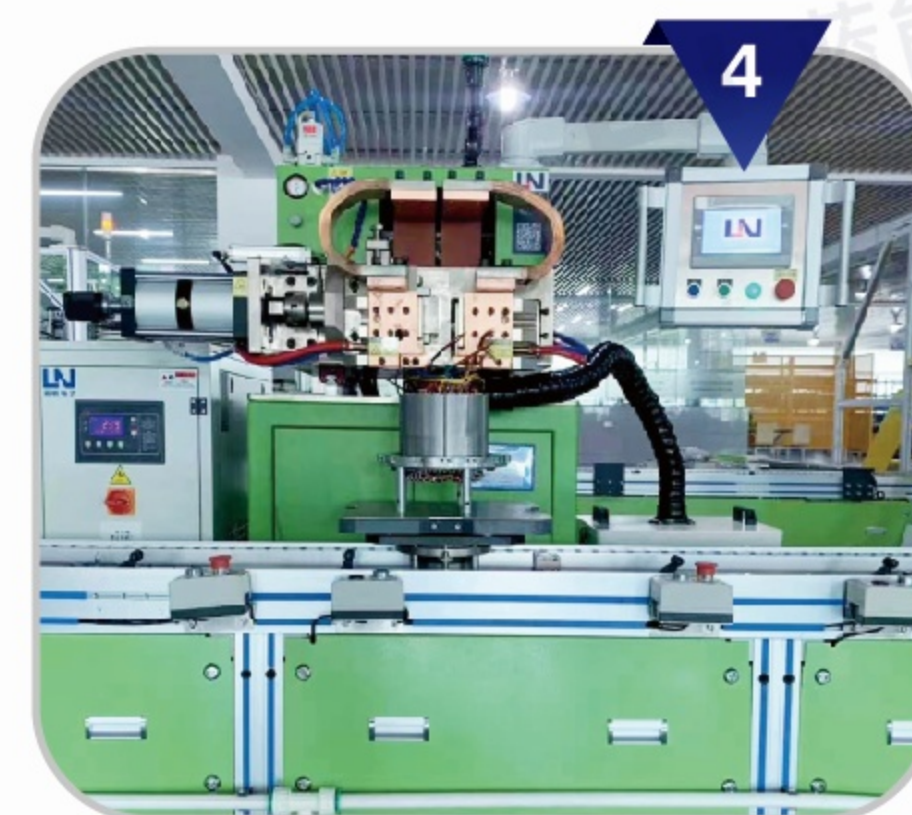
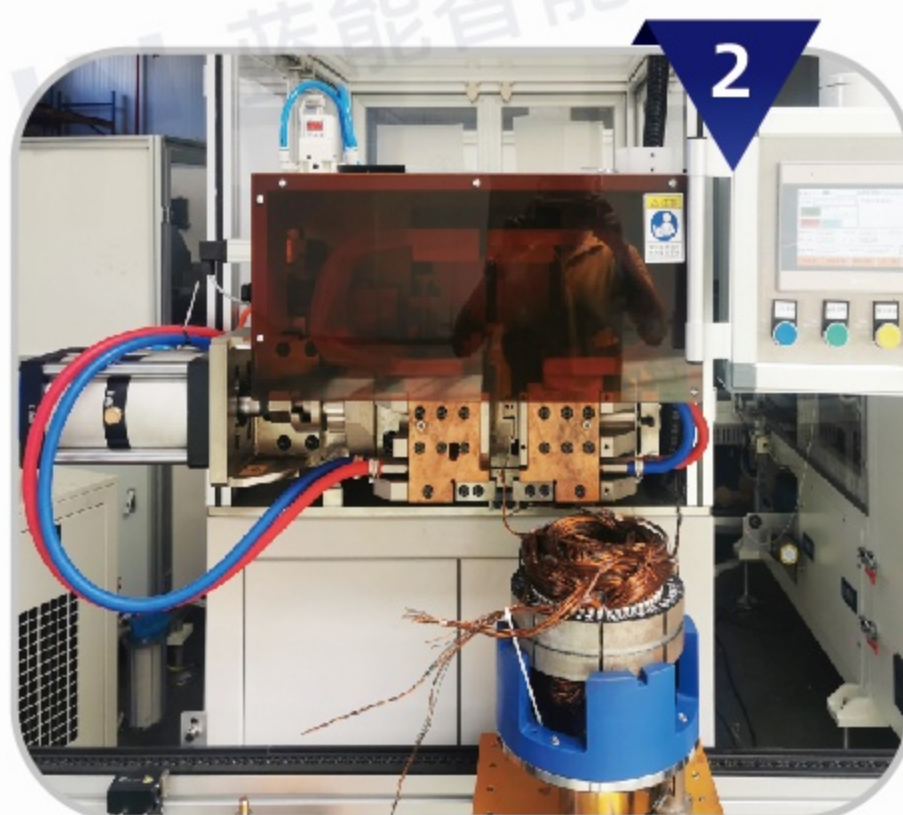
IT IS USED IN AUTOMOBILE MOTOR, PURE ELECTRIC VEHICLE, HYBRID ELECTRIC VEHICLE, ELECTRIC BUS, ELECTRIC FORKLIFT, ELECTRIC TRICYCLE, TOURIST VEHICLE, AIR CONDITIONING MOTOR, ELEVATOR MOTOR, SUBWAY DRIVE MOTOR, GENERATOR MOTOR, EPS MOTOR, OIL TING MOTOR, REACTOR, CHARGING PILE AND OTHER FIELDS.



● 项目经验/EXPERIENCE

众多新能源汽车电机生产企业的选择:法雷奥、NIDEC、西门子、SEW、方正、汇川、卧龙采埃孚、中车电机、信质、势拓、巨一、菲仕、湖州南洋等。

THE CHOICE OF MANY NEW ENERGY AUTOMOBILE MOTOR MANUFACTURERS:VALEO, NIDEC, SIEMENS (CHINA), SEW, FOUNDER, INOVANCE, WOLONG ZF, CRRC, XINZHI, XIAMEN CENTTO SERVO-MOTOR, JEE, PHYSIS, NANYANG AND SO ON.



LN-RRJ系列热熔焊机焊接效果检测

LN-RRJ SERIES HOT MELT WELDING MACHINE WELDING EFFECT TEST



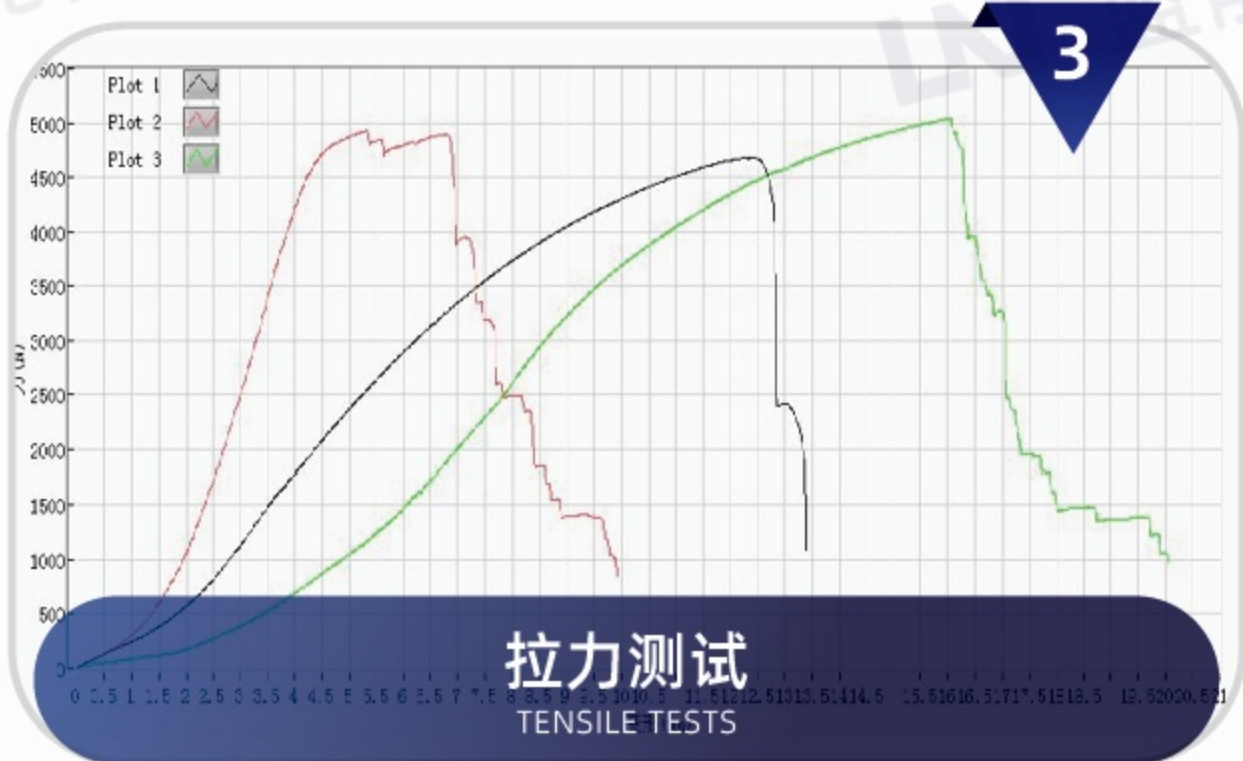
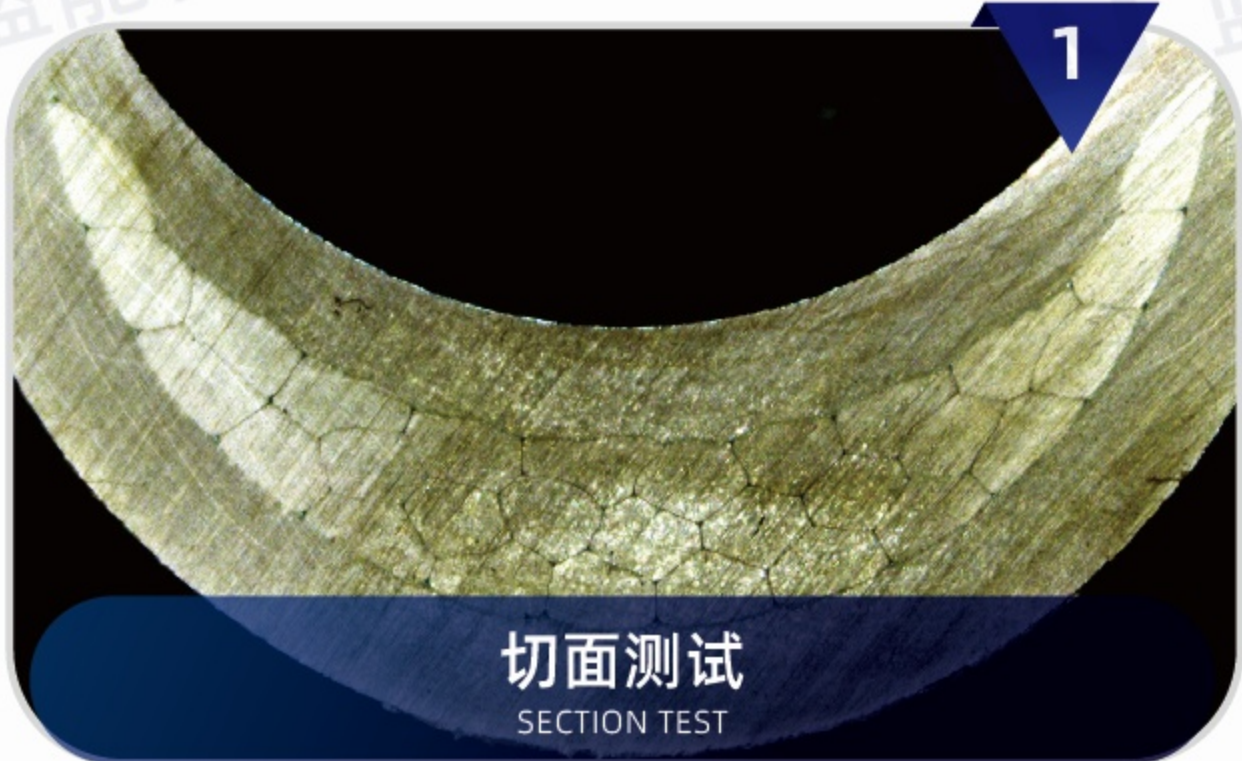
我们通过各种方式检验热熔焊接的效果，不断提高检测标准，来提升设备性能，对比焊接工艺的优良。

WE TEST THE WELDING EFFECT AFTER HOT-MELT WELDING IN VARIOUS WAYS, AND CONSTANTLY IMPROVE THE TESTING STANDARD, SO AS TO IMPROVE THE EQUIPMENT PERFORMANCE AND COMPARE THE WELDING PROCESS WITH THE EXCELLENT QUALITY.

● 热熔焊接效果检测/EFFECTS TEST：（检测报告项目参考）

序号 ITEM	检测项目 TEXT ITEM	参考值 REFERENCE VALUE	检测方法/仪器 TEXT METHOD /TEST INSTRUMENT
1	外观 APPEARANCE OBSERVATION	端子外表面外观良好；没有熔融现象；端子烧焦长度满足要求。 THE EXTERNAL SURFACE OF THE TERMINAL IS GOOD; THE LENGTH OF COPPER TERMINAL WELDING PART IS WITHIN THE RANGE.	观察焊接后的端子。 VISUALLY INSPECT THE WELDED TERMINAL.
2	熔接效果 EFFECT OF WELDING	漆皮气化干净，残留少； PAINT GASIFICATION CLEAN, LESS RESIDUE 去漆皮后的铜线有变形量； 铜线和铜线之间有一定的熔接； 铜线和端子有熔接。 ENAMELLED WIRE IS DEFORMED AFTER ENAMELLED LEATHER GASIFICATION. THERE IS A CERTAIN WELDING BETWEEN COPPER WIRE AND COPPER WIRE; COPPER WIRE AND TERMINAL HAVE WELD. 漆包线之间几乎没有缝隙；漆包线和端子之间几乎没有缝隙。 ALMOST NO GAPS BETWEEN ENAMELED WIRES, ALMOST NO GAP BETWEEN ENAMELED WIRE AND TERMINAL.	仪器：端子切面分析仪 方法：（1）将铜端子纵向剖开：观察漆包线去漆干净度，变形量，熔接度。 （2）通过线端子横切面分析仪从中间将铜端子横向切开，观察横切面，漆包线之间几乎没有缝隙，漆包线和端子之间没有缝隙。 INSTRUMENT: TERMINAL SECTION ANALYZER METHODS:(1) CUT THE COPPER TERMINAL LONGITUDINALLY: OBSERVE THAT THE PAINT OF ENAMELED WIRE HAS BEEN VAPORIZED AND CLEAN, WITH DEFORMATION AND WELDING. (2) USE THE TERMINAL TRANSVERSE SECTION ANALYZER TO CUT THE COPPER TERMINAL HORIZONTALLY AND OBSERVE THE TRANSVERSE SECTION. THERE IS ALMOST NO GAP BETWEEN THE ENAMELED WIRE AND THE TERMINAL.
3	导通率 CONDUCTION RATE	每根漆包线都是导通的。 EVERY ENAMELED WIRE IS CONNECTED.	每根漆包线都是导通的。 EACH ENAMELLED WIRE IS CONDUCTIVE.
4	电阻值 RESISTANCE VALUE	三相线电阻差值小于1%。 THREE-PHASE LINE RESISTANCE DIFFERENCE LESS THAN 1%.	多路电阻测试仪 MULTICHANNEL RESISTANCE TESTER
5	拉力测试 DRAWING FORCE	拉断铜线，拉力值一致性高。 HIGH CONSISTENCY OF TENSION VALUE.	拉力计 TENSION METER

● 检测图示/TEST MODE DIAGRAM



● 焊接效果观察/WELDING INSPECTION

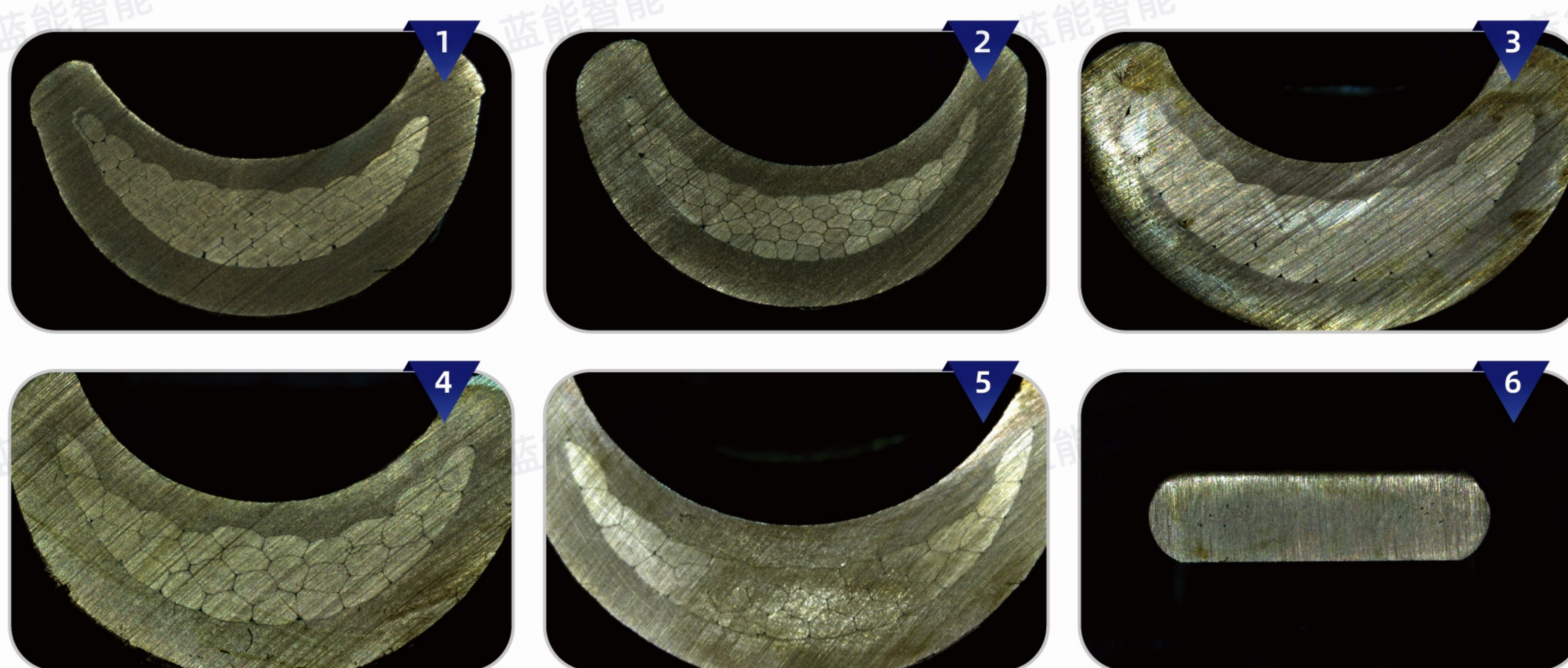


将铜端子纵向剥开——观察漆包线去漆干净度、变形量和熔接度。

STRIP THE COPPER TERMINAL LENGTHWISE - OBSERVE THE CLEANLINESS, DEFORMATION AND WELDING DEGREE OF THE ENAMELED WIRE.



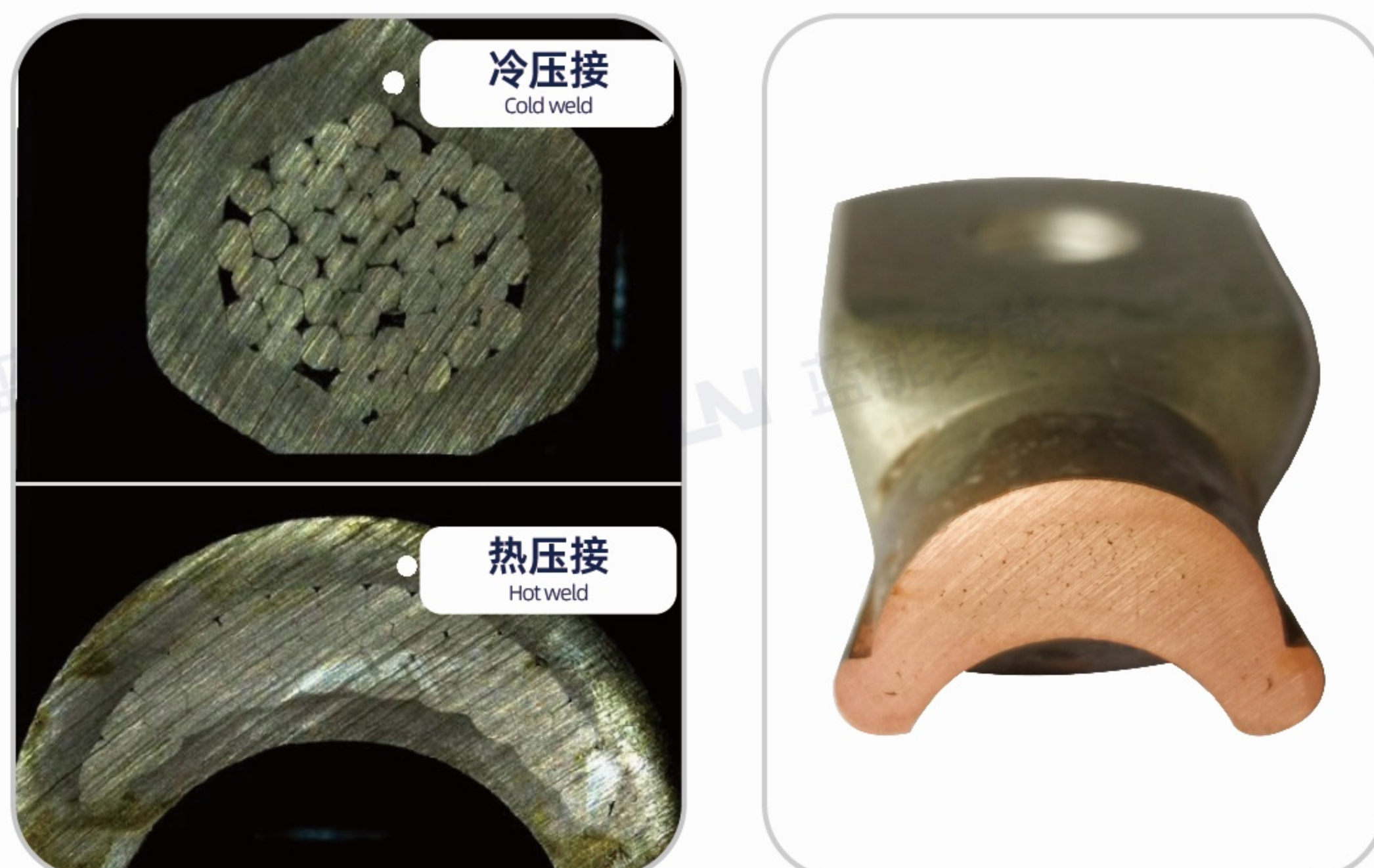
● 焊接样品横切面图像/CROSS SECTION IMAGE



● 缝隙图对比/GAP MAP COMPARISON

热压接和冷压接切面缝隙图对比。

SECTION COMPARISON BETWEEN HOT AND COLD PRESSING.



切开横切面观察缝隙——是对比热压和冷压效果最直观的方式。

IT IS THE MOST INTUITIVE WAY TO COMPARE HOT PRESSING EFFECT AND COLD PRESSING EFFECT TO CUT THE CROSS SECTION AND OBSERVE THE GAP.

成型压方焊接设备

FORMING PRESSURE SQUARE WELDING EQUIPMENT



线束手动压方成型焊接机

WIRE HARNESS MANUAL SQUARE FORMING WELDING MACHINE.



- 全面安全防护
- 可定制适应6-90平方线束
- 一机两用：1.引线成型压方；2.引线和端子焊接
- COMPREHENSIVE SECURITY PROTECTION.
- CAN BE CUSTOMIZED TO FIT 6-90 SQUARE WIRING HARNESS.
- DUAL-USE:1. LEAD MOLDING PRESSURE SQUARE; 2. WELD THE LEADS AND TERMINALS.

编织线自动压方成型焊机

BRAID WIRE AUTOMATIC SQUARING WELDING MACHINE.



- 自动送线--自动焊接成型--自动剪切--自动下料
- AUTOMATIC WIRE FEEDING -- AUTOMATIC WELDING MOLDING -- AUTOMATIC CUTTING --AUTOMATIC BLANKING.

端子和线束自动压方成型焊机

TERMINAL AND HARNESS PRESSURE SQUARE WELDING MACHINE.



- 端子和线束焊接，人工装夹，自动压方焊接，可以约束焊接后端子的尺寸。
- TERMINAL AND WIRE HARNESS WELDING, HUMAN TOOLING CLAMP, AUTOMATIC PRESSURE SQUARE WELDING, CAN RESTRICT THE SIZE OF THE WELDED TERMINAL.

手动压方成型焊接机

HAND-PRESSED SQUARE FORMING WELDING MACHINE.



● 焊接应用/APPLICATION

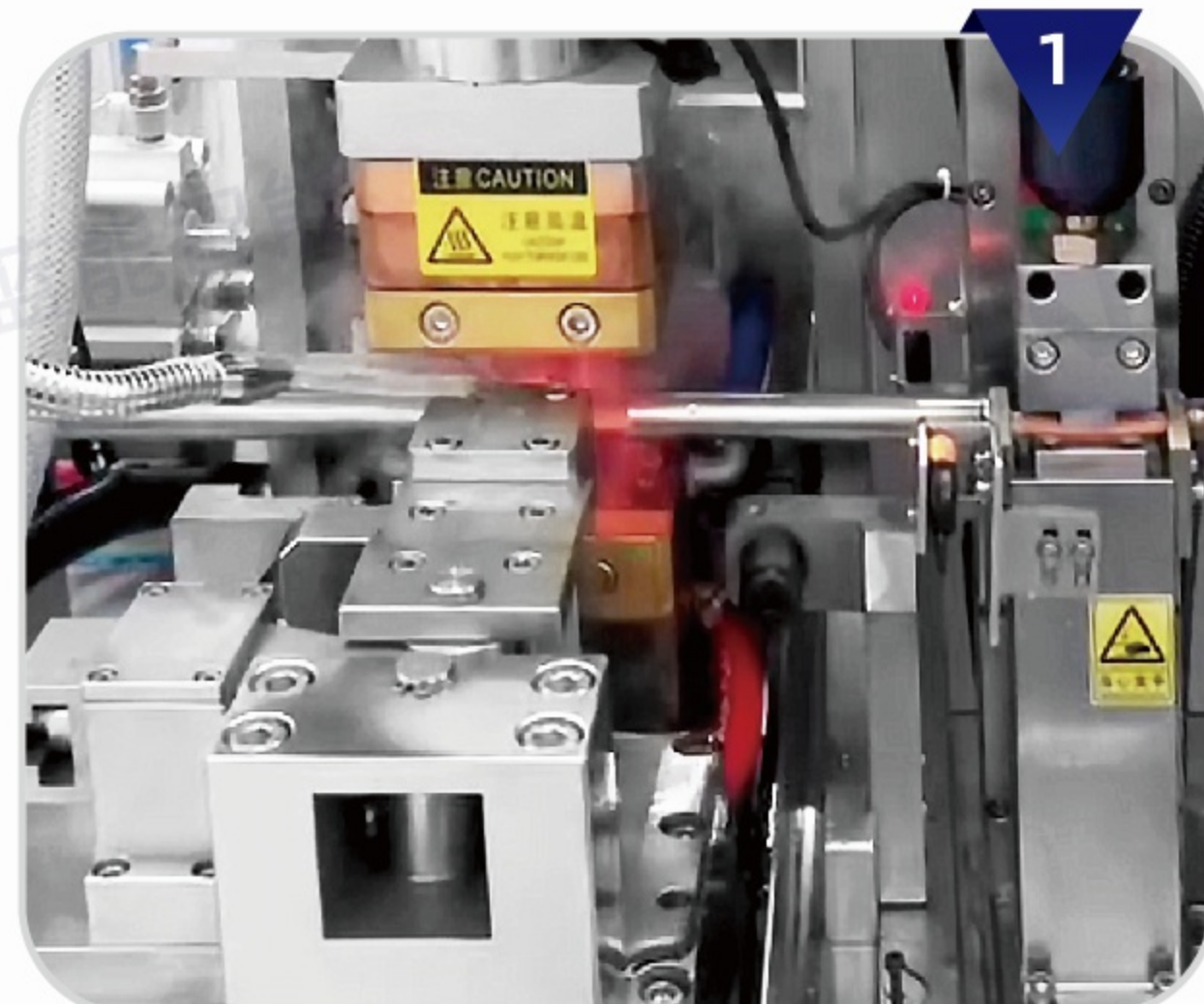


广泛应用于汽车线束、扁线电机相线、双绞线安全气囊线、电缆绞线扁平导体、汽车、航空、低压电器、继电器行业电子线束/编织线/电源线等按规格要求并线、压方、成型。

WIDELY USED IN AUTOMOTIVE WIRING HARNESS, FLAT MOTOR PHASE WIRE, TWISTED-PAIR AIRBAG WIRE, CABLE TWISTED WIRE FLAT CONDUCTOR, AUTOMOTIVE, AVIATION, LOW-VOLTAGE ELECTRICAL APPLIANCES, RELAYS INDUSTRY ELECTRONIC WIRING HARNESS/BRAIDED WIRE/POWER CORD ACCORDING TO THE SPECIFICATIONS OF PARALLEL, PRESSURE SQUARE, FORMING.



● 项目经验/EXPERIENCE



精密左右夹焊机

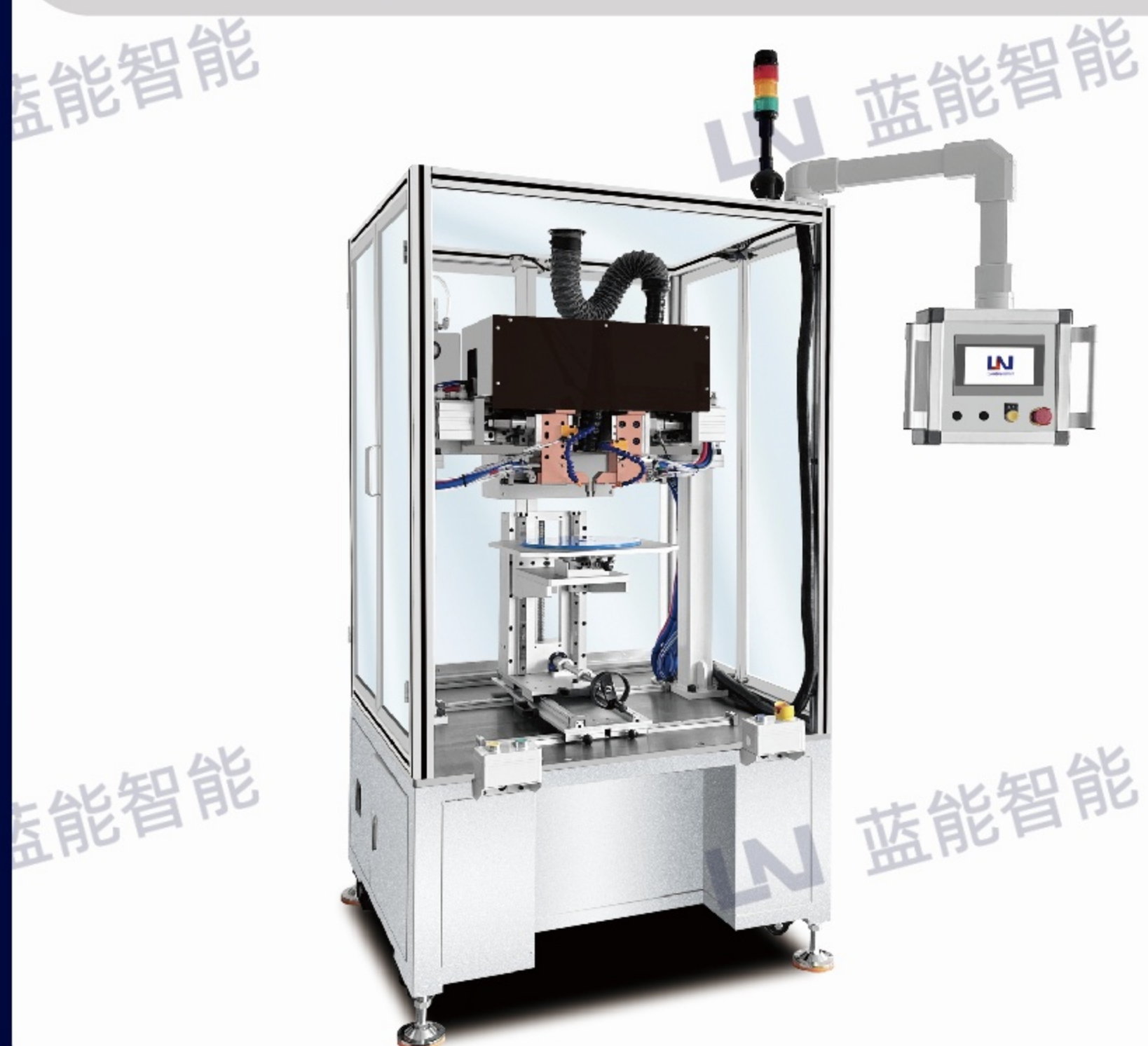
PRECISION LEFT AND RIGHT CLAMP WELDING MACHINE



- 1、XYZR四轴运动。/XYZR FOUR-AXIS MOVEMENT.
- 2、适应任意多点焊接。/ADAPT TO ANY MULTI-POINT WELDING.
- 3、数据可MES对接。/DATA CAN BE MES DOCKING.
- 4、弹簧追从加压。/ SPRING FOLLOWING PRESSURE.
- 5、位移、压力、电流监控。/DISPLACEMENT, PRESSURE, CURRENT MONITORING.

龙门架式夹焊结构焊接机

GANTRY FRAME CLAMP WELDING STRUCTURE WELDING MACHINE.



OBC端子自动夹焊机

OBC TERMINAL AUTOMATIC CLAMP WELDING MACHINE



电子水泵自动焊接机

ELECTRONIC WATER PUMP AUTOMATIC WELDING MACHINE.



手动夹焊机

MANUAL CLAMP WELDING MACHINE.

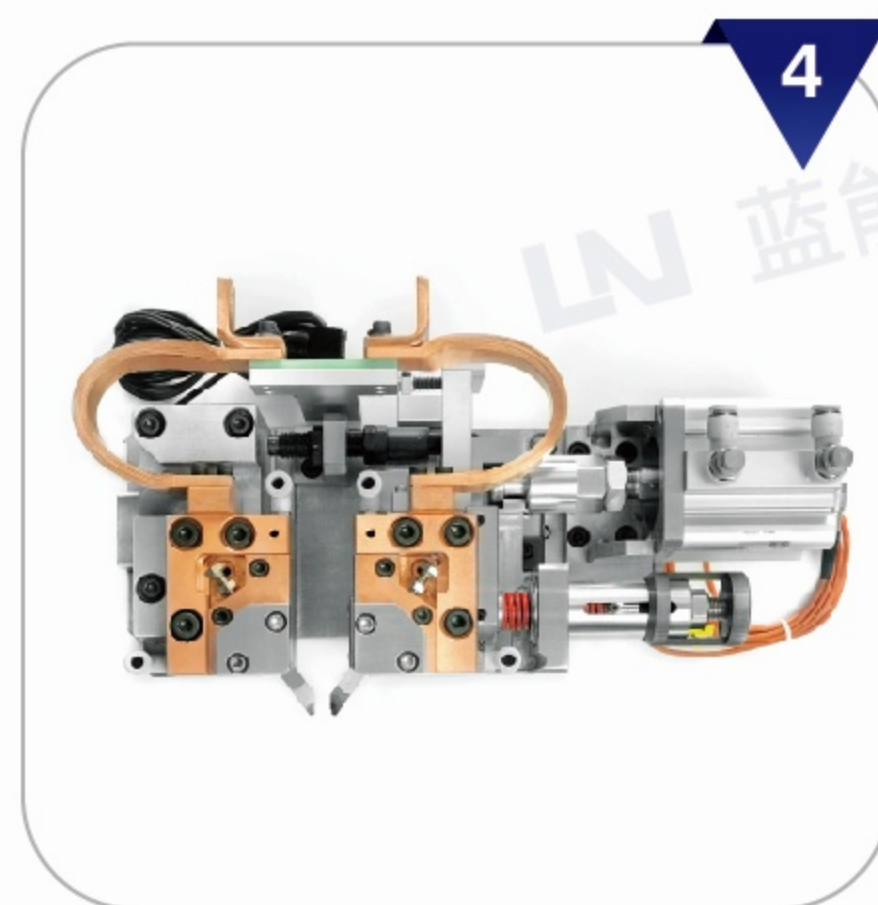
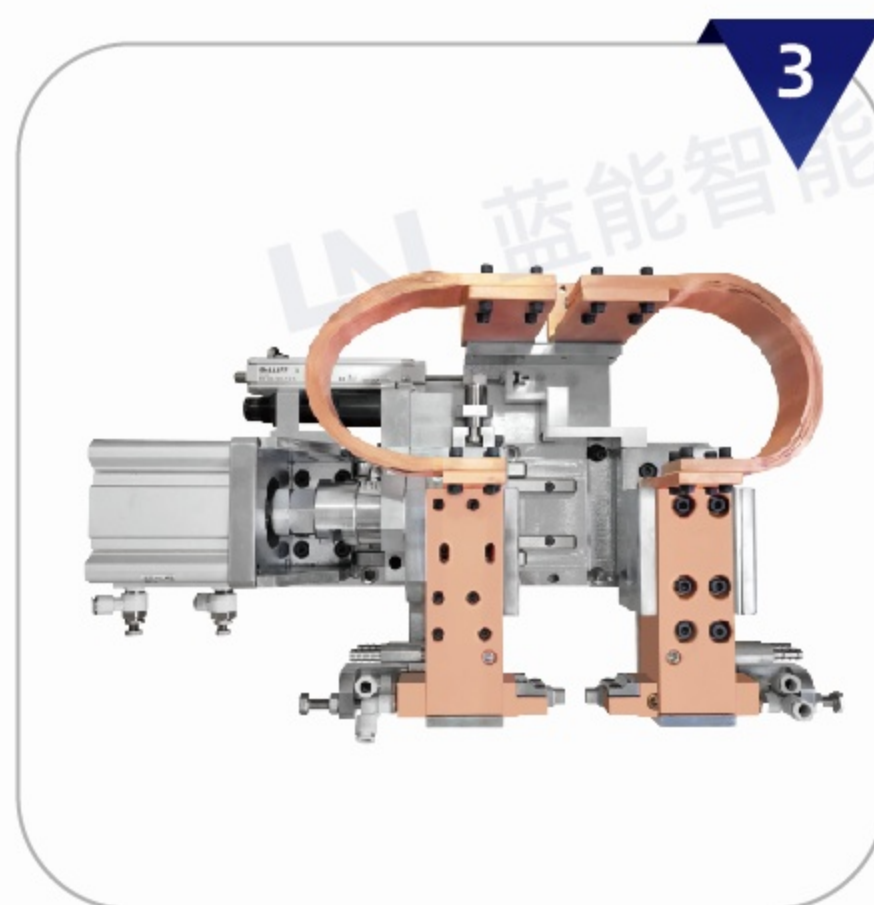
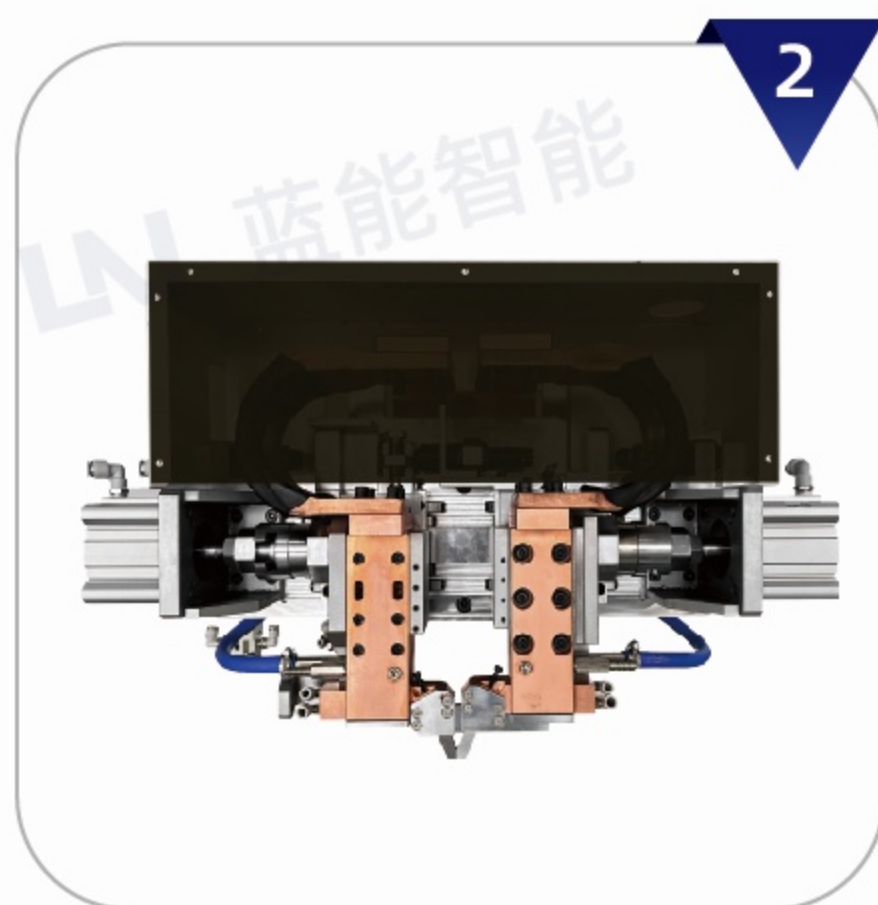


● 夹焊机头/CLAMP WELDING MACHINE HEAD



可提供独立精密夹焊机头，焊接系统，监控系统配合产线自动化设备商的需求。

WE CAN PROVIDE INDEPENDENT PRECISION WELDING MACHINE HEAD, WELDING SYSTEM, MONITORING SYSTEM TO MEET THE NEEDS OF PRODUCTION LINE AUTOMATION EQUIPMENT MANUFACTURERS.



● 焊接应用/APPLICATION

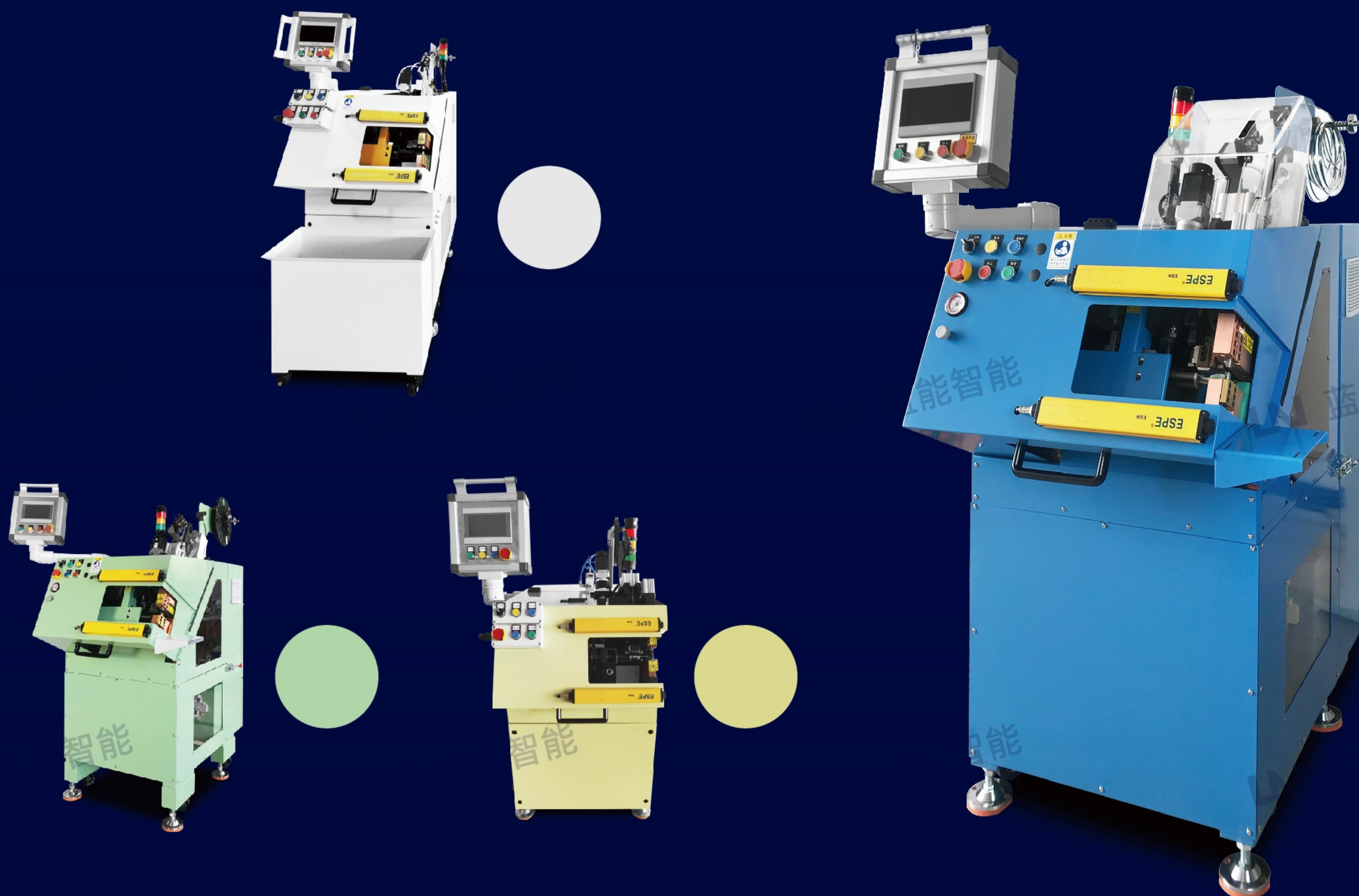
通用于漆包线和U型焊接端子，电子水泵焊接，汽车滤波器、电容器、微型电机等焊接，可定制非标准机。

COMMONLY USED IN ENAMELLED WIRE AND U-SHAPED WELDING TERMINALS, ELECTRONIC PUMP WELDING, AUTOMOTIVE FILTERS, CAPACITORS, MICRO MOTORS AND OTHER WELDING, CAN BE CUSTOMIZED NON-STANDARD MACHINE.



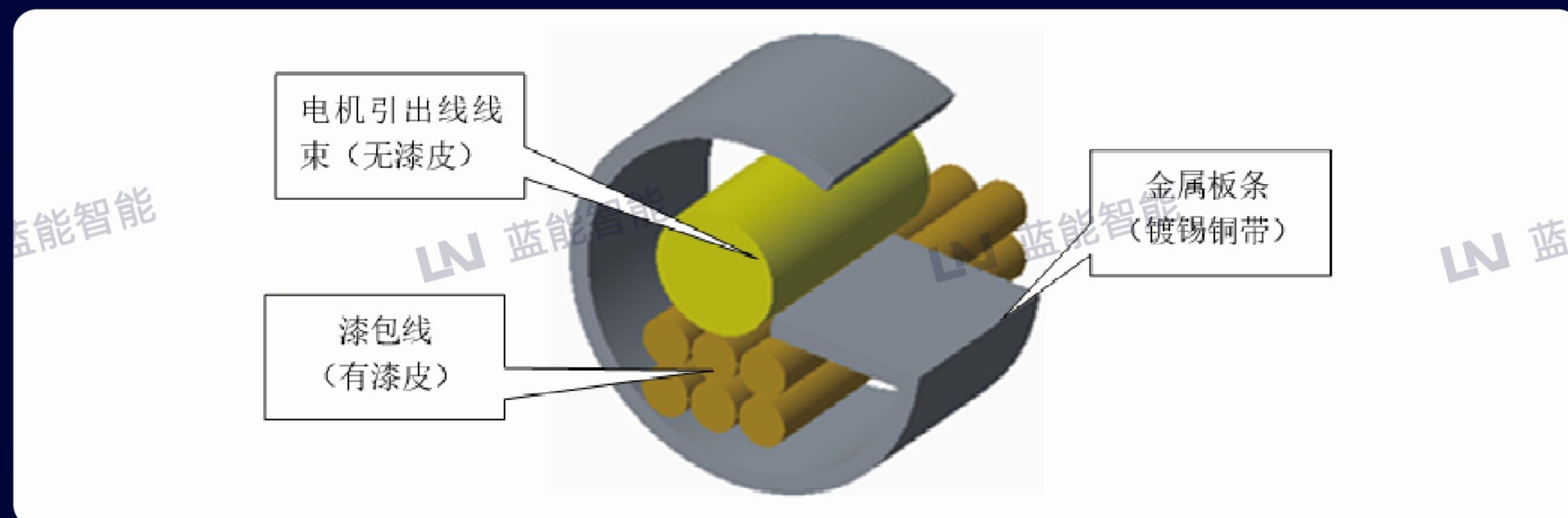
G系列热熔自动压接焊机

G SERIES AUTOMATIC CRIMPING WELDING MACHINE



- 自动送铜带，自动成型G端子，手动放线，自动焊接。
- 不用脱漆，效率高，操作简单，省人工。

· AUTOMATIC COPPER BELT FEED, AUTOMATIC FORMING G TERMINAL, MANUAL PAY-OFF, AUTOMATIC WELDING.
· NO NEED TO REMOVE PAINT, HIGH EFFICIENCY, SIMPLE OPERATION, SAVE LABOR.



● 焊接应用/APPLICATION



适用于：1、12平方以内漆包线或者漆包线和导线焊接。2、空调压缩机电机、减速电机、伺服电机、Y系列三相异步电机、差速电机等。

SUITABLE FOR: 1, 12 SQUARE ENAMELLED WIRE OR ENAMELLED WIRE AND WIRE WELDING. 2, AIR CONDITIONING COMPRESSOR MOTOR, DECELERATION MOTOR, SERVO MOTOR, Y SERIES THREE-PHASE ASYNCHRONOUS MOTOR, DIFFERENTIAL MOTOR, ETC.

合作客户：广东美芝/安徽美芝、苏州汇川技术、SEW电机-苏州有限公司、尼得科电机（青岛）有限公司、诺德(中国)传动设备有限公司、南昌海立电器有限公司、浙江欣兴汇科技有限公司。

COOPERATION CUSTOMERS: GMCC (GUANGDONG) ,SUZHOU INOVANCE TECHNOLOGY CO., LTD.,SEW-ELECTRIC MACHINES (SUZHOU) CO., LTD.,NICO MOTOR (QINGDAO) CO., LTD.,NORD DRIVESYSTEMS,NANCHANG HIGHLY ELECTRICAL APPLIANCE CO., LTD.,ZHEJIANG XINXINGHUI TECHNOLOGY CO., LTD.



丝包线/麦拉线/利兹线焊机

SILK-COVERED WIRE/MYLAR WIRE/LITZ WIRE WELDING MACHINE



·不用焊锡,工艺环保,效率高,焊接可靠,一致性好。

NO SOLDER, ENVIRONMENTAL PROTECTION PROCESS, HIGH EFFICIENCY, RELIABLE WELDING, GOOD CONSISTENCY.

无线充电桩膜包线端子自动焊机

WIRELESS CHARGING PILE FILM WRAPPED WIRE TERMINAL AUTOMATIC WELDING MACHINE



·手动装夹,自动焊接,一体式工作站

·MANUAL CLAMPING, AUTOMATIC WELDING, INTEGRATED WORKSTATION.

无线充电桩手动焊机

WIRELESS CHARGING PILE MANUAL WELDING MACHINE



·台面均布牛眼轴承为方便产品平移

·可定制工件升降台

·MESA UNIFORM CLOTH BULL EYE BEARING TO FACILITATE PRODUCT TRANSLATION.

·WORKPIECE LIFTING PLATFORM CAN BE CUSTOMIZED.

OBC端子自动焊机

OBC TERMINAL AUTOMATIC WELDING MACHINE.



·功能强大,含MES数据对接。

·焊接效率高、可靠、一致稳定、精确控制焊接厚度。

·POWERFUL FUNCTIONS, INCLUDING MES DATA DOCKING.

·HIGH WELDING EFFICIENCY, RELIABLE, CONSISTENT AND STABLE, PRECISE CONTROL OF WELDING THICKNESS.

利兹线膜包线热熔焊机

LEEDS WIRE FILM COVERED WIRE HOT MELT WELDING MACHINE



● 焊接应用/APPLICATION

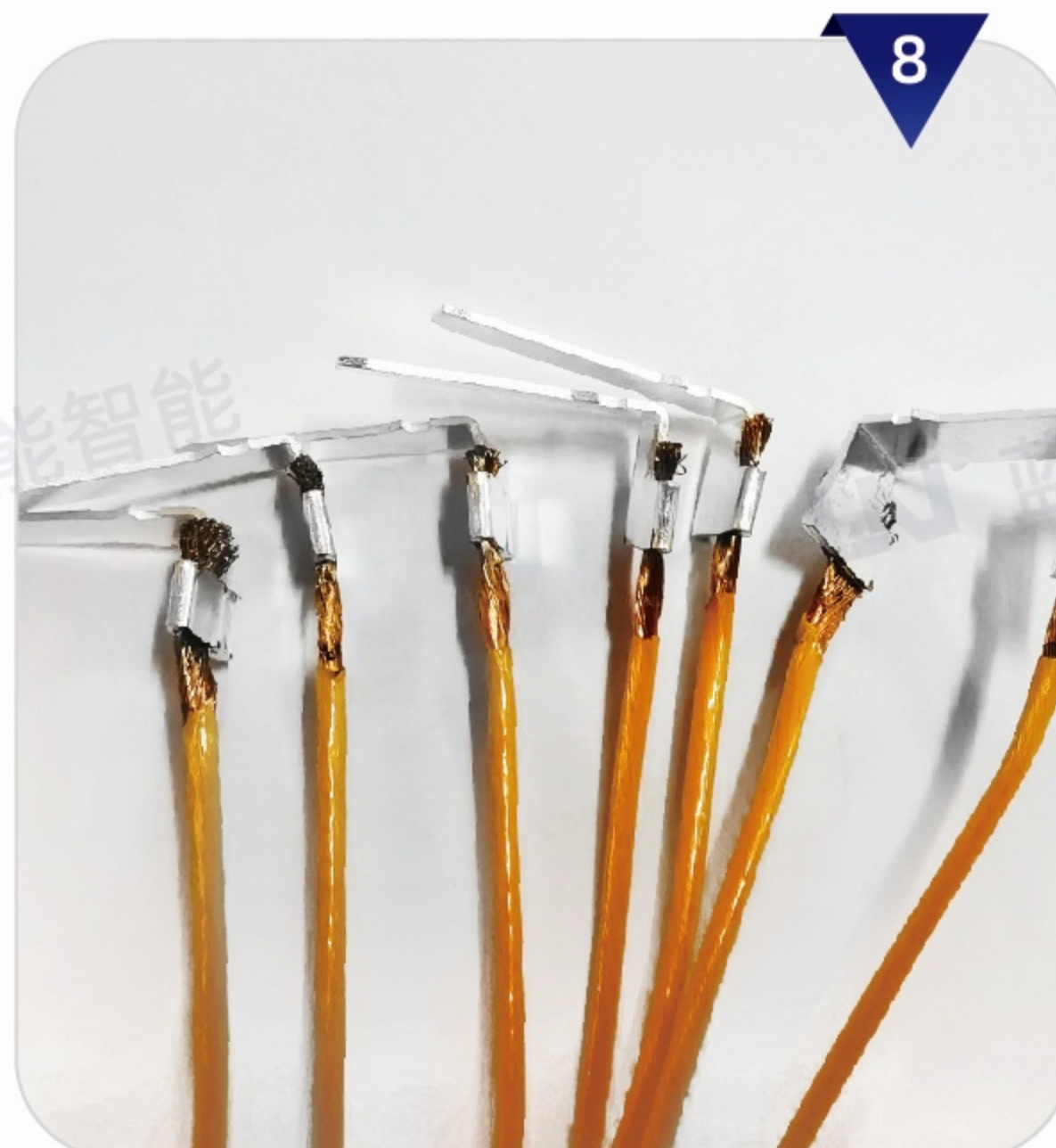
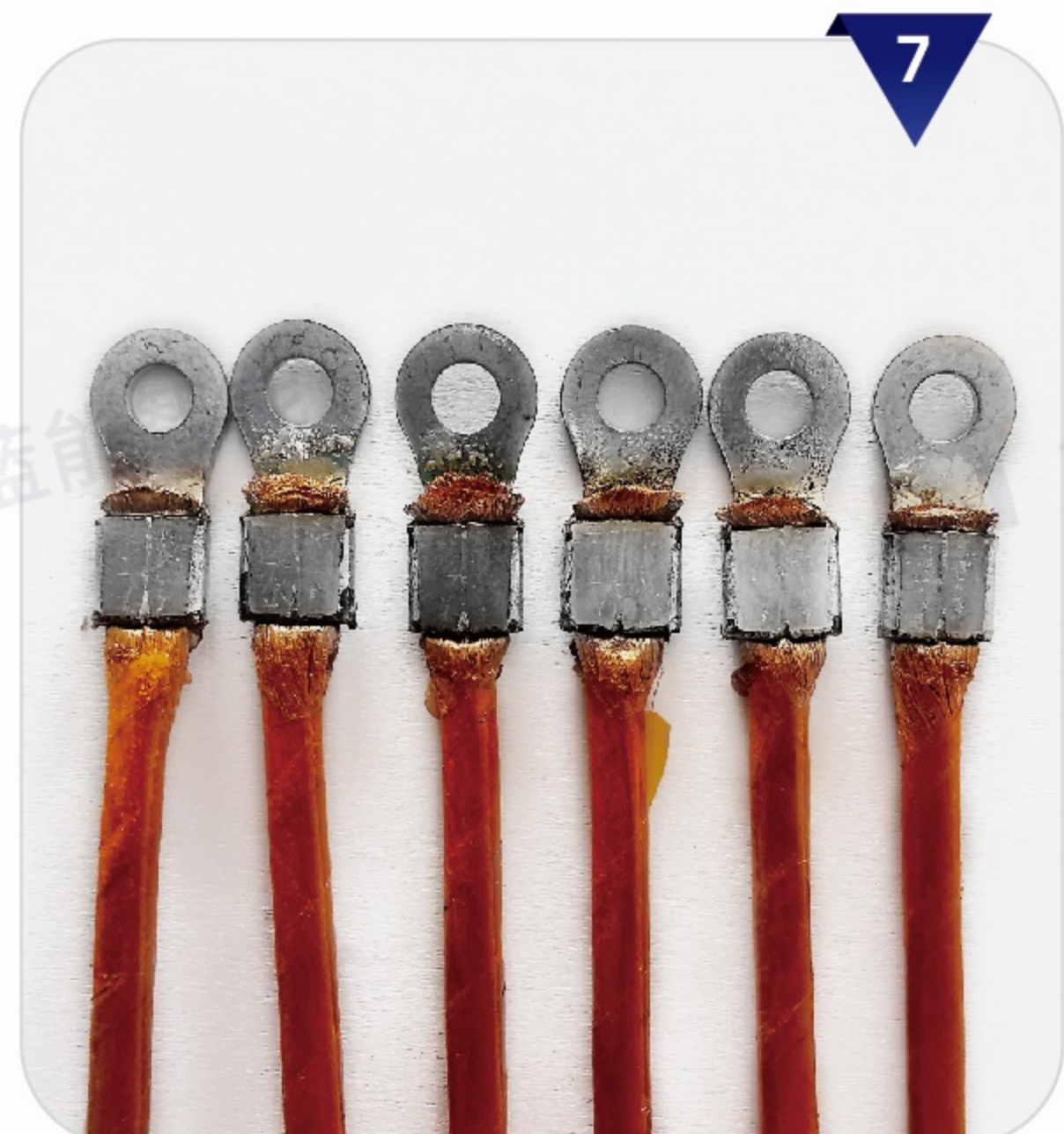
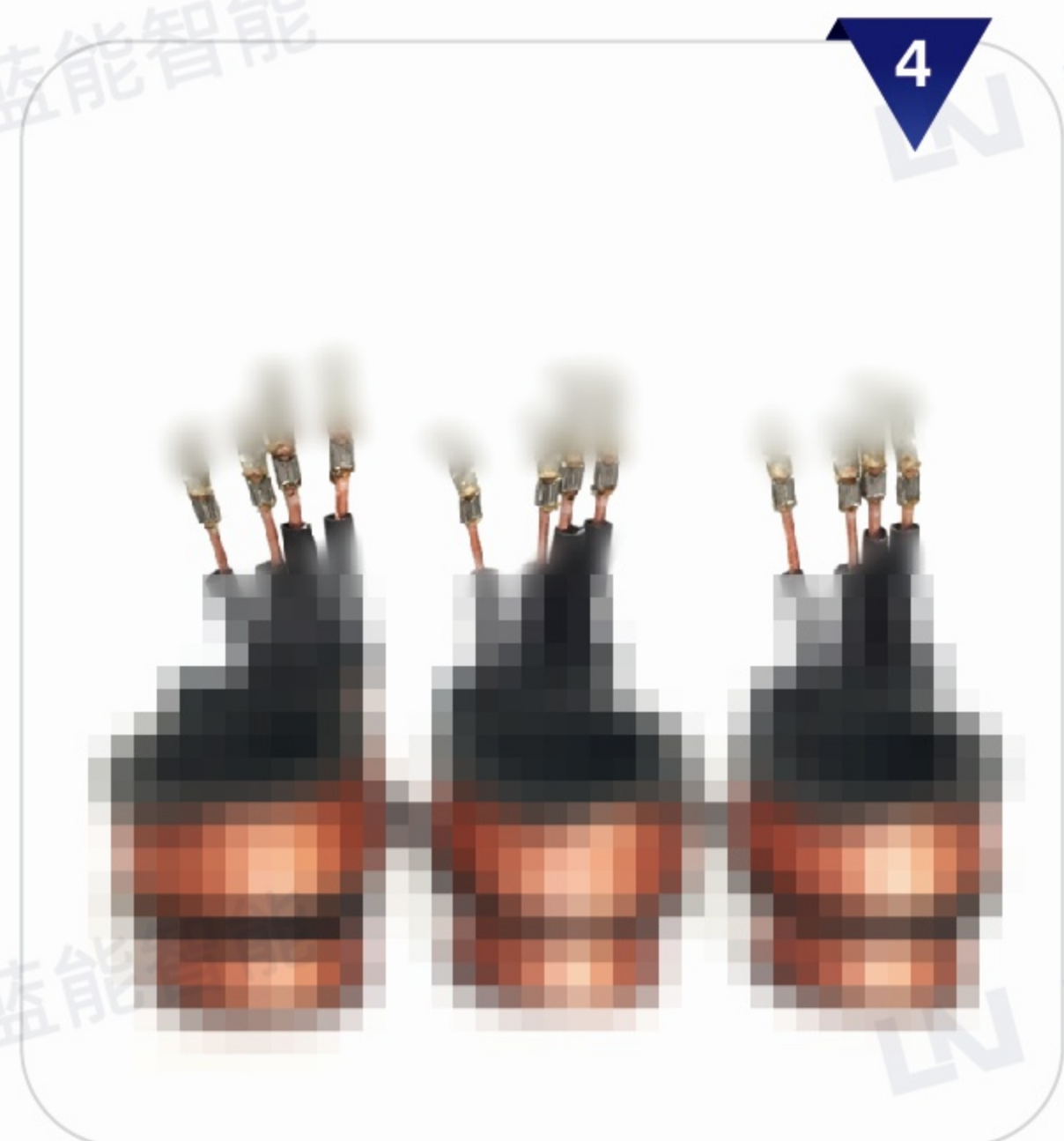


适用于：1、车载充电机、变压器、充电桩、充电电源、充电器等。2、丝包线、膜包线、麦拉线等。

APPLICABLE TO: 1, CAR CHARGER, TRANSFORMER, CHARGING PILE, CHARGING POWER SUPPLY, CHARGER, ETC.
2. SILK-COVERED WIRE, FILM-COVERED WIRE, MYLAR WIRE, ETC.

合作客户：可立克、京泉华、海光、威迈斯、威海昌星、天津光电惠高电子、深圳顺络、雅玛西等。

COOPERATION CUSTOMERS: SHENZHEN CLICK TECHNOLOGY CO., LTD., SHENZHEN JINGQUANHUA ELECTRONICS CO., LTD., HYGON INFORMATION TECHNOLOGY CO., LTD., VMS GROUP INC, TIANJIN HUIGAO MAGNETICS CO., LTD., SHENZHEN SUNLORD ELECTRONICS CO., LTD., YAMAXI, ETC.



自动焊接机

AUTOMATIC WELDING MACHINE



轮毂电机集电环自动点焊机

HUB MOTOR COLLECTOR RING AUTOMATIC
SPOT WELDING MACHINE



·单面双点焊接

SINGLE SIDE DOUBLE SPOT WELDING



- 1、一次性焊接两根线于集电环上，单面双点同时焊接，自动转动角度，依次完成所有焊点的焊接。
- 2、含电流监控功能，位移监控，压力监控，数据保存，对焊接效果进行监控，保证焊接的一致性。
- 3、专机定制，带顶升旋转驱动机构组件--配中空转台，双工位结构，效率高。

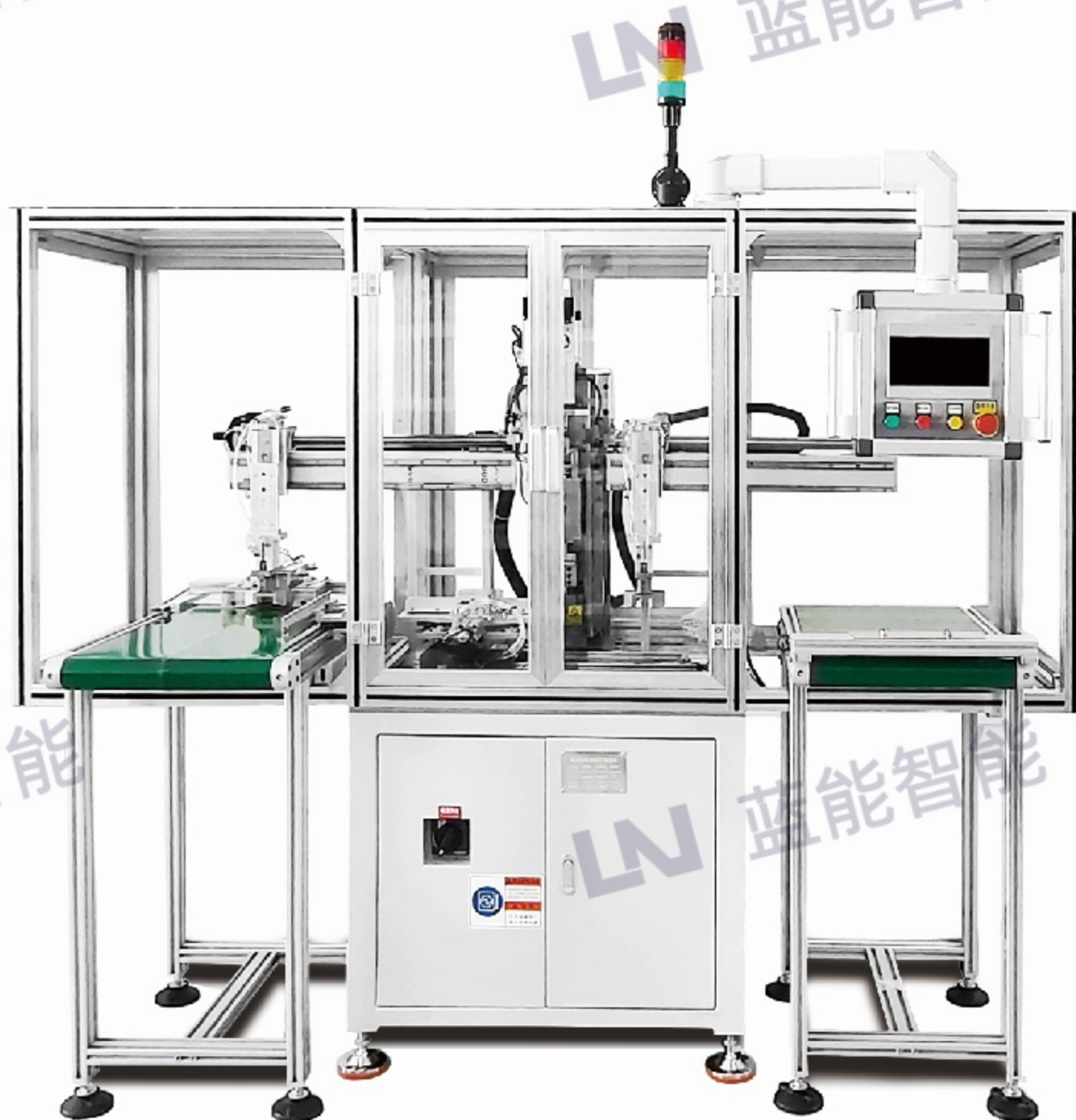
1, ONE-TIME WELDING TWO WIRES ON THE COLLECTOR RING, SINGLE-SIDE DOUBLE POINT WELDING AT THE SAME TIME, AUTOMATIC ROTATION ANGLE, COMPLETE THE WELDING OF ALL SOLDER JOINTS IN TURN.

2, INCLUDING CURRENT MONITORING FUNCTION, DISPLACEMENT MONITORING, PRESSURE MONITORING, DATA STORAGE, WELDING EFFECT MONITORING, TO ENSURE THE CONSISTENCY OF WELDING.

3, SPECIAL MACHINE CUSTOMIZATION, WITH JACKING ROTARY DRIVE MECHANISM COMPONENTS - WITH HOLLOW ROTARY TABLE, DOUBLE STATION STRUCTURE, HIGH EFFICIENCY.

变频空调电机/BLDC直流无刷电机自动焊接机

HUB MOTOR COLLECTOR RING AUTOMATIC SPOT WELDING MACHINE



· 工艺流程及线体布局说明：
人工将铁芯装入皮带线—自动输送到位--自动端子熔接--自动下料--人工取料、线头处理。

· PROCESS FLOW AND WIRE BODY LAYOUT DESCRIPTION: MANUALLY LOAD THE IRON CORE INTO THE BELT LINE - AUTOMATICALLY TRANSPORT IT INTO PLACE - AUTOMATIC TERMINAL WELDING - AUTOMATIC FEEDING - MANUAL FEEDING AND WIRE END TREATMENT.

压缩机盖自动焊接机

COMPRESSOR COVER AUTOMATIC WELDING MACHINE



· 应用：压缩机盖、电机端盖外壳、不锈钢片、低碳钢片焊接。

· APPLICATION: COMPRESSOR COVER, MOTOR END COVER SHELL, STAINLESS STEEL SHEET, LOW CARBON STEEL SHEET WELDING.

电抗变压器自动焊接机

AUTOMATIC WELDING MACHINE FOR
REACTANCE TRANSFORMER.

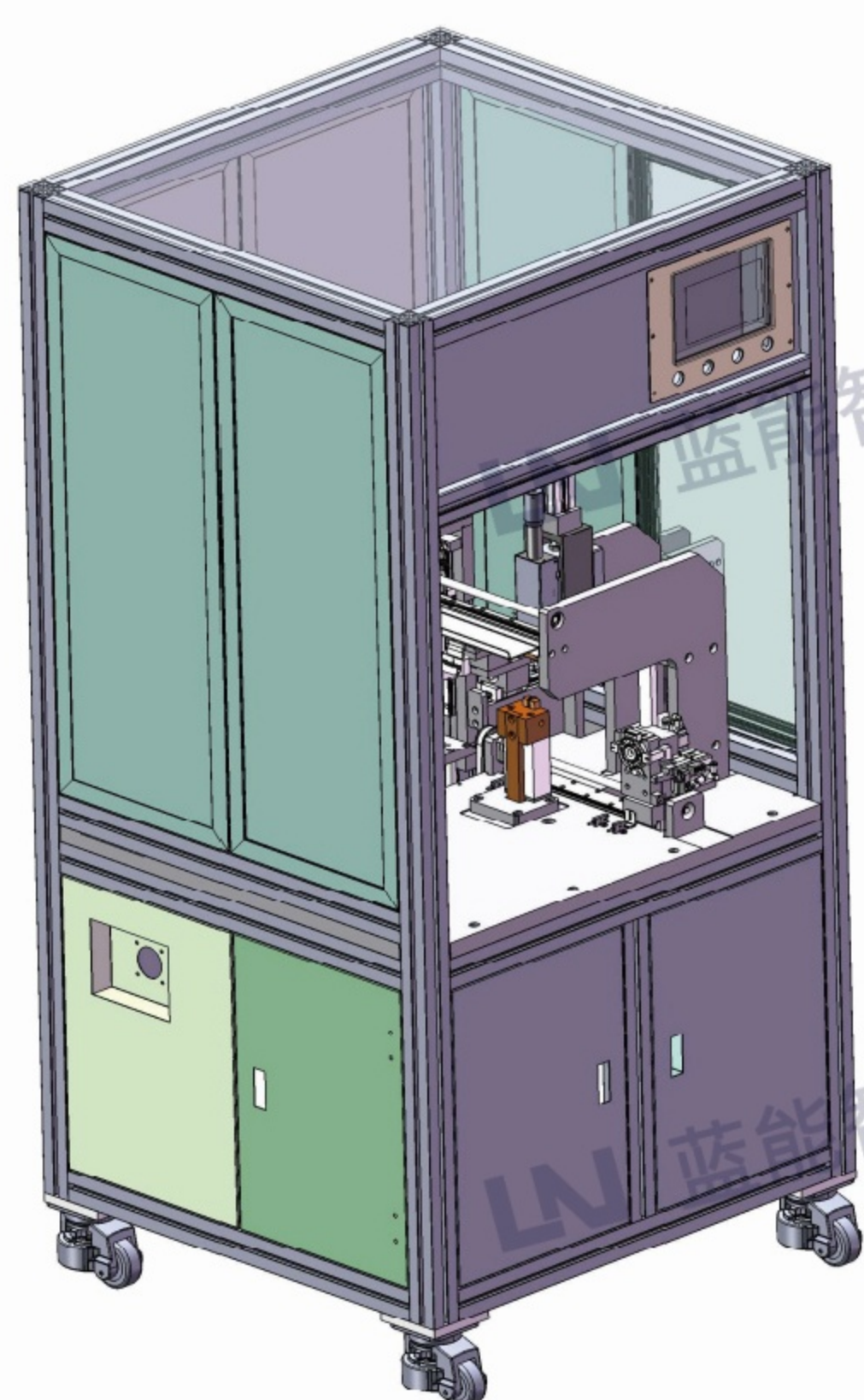


- 装夹后，依次完成4个点焊接。
- 焊后外观美观。

· AFTER CLAMPING, COMPLETE THE 4 SPOT WELDING IN
TURN.
· BEAUTIFUL APPEARANCE AFTER WELDING.

旋变电机引线焊接机

ROTARY MOTOR LEAD WELDING MACHINE



- 旋变电机自动焊接机，自动送线，自动剥皮，自动裁切，自动焊接，并通过稳定的焊接系统确保焊接的稳定性和高效率。

· ROTARY MOTOR AUTOMATIC WELDING MACHINE,
AUTOMATIC WIRE FEEDING, AUTOMATIC PEELING, AUTO-
MATIC CUTTING, AUTOMATIC WELDING, AND THROUGH A
STABLE WELDING SYSTEM TO ENSURE THE STABILITY
AND HIGH EFFICIENCY OF WELDING.

精密点焊机

PRECISION SPOT WELDER



● 精密焊接机/Precision welding machine

专用于高精度焊接设备，适用微小部件的焊接，如电子元件、精密零件等。设备焊接速度快、能耗低，高精度控制的同时确保焊接质量稳定。

DEDICATED TO HIGH-PRECISION WELDING EQUIPMENT, SUITABLE FOR THE WELDING OF SMALL PARTS, SUCH AS ELECTRONIC COMPONENTS, PRECISION PARTS, ETC. EQUIPMENT WELDING SPEED, LOW ENERGY CONSUMPTION, HIGH PRECISION CONTROL AT THE SAME TIME TO ENSURE STABLE WELDING QUALITY.

电机引线精密点焊机

PRECISION SPOT WELDING MACHINE FOR MOTOR LEADS



LNHP-32精密点焊机头

LNHP-32 PRECISION SPOT WELDING HEAD



精密平行焊机头

PRECISION PARALLEL WELDER HEAD



精密点焊机头

PRECISION SPOT WELDING HEAD



精密成型压方焊机头

PRECISION FORMING PRESS SQUARE WELDER HEAD



● 电阻焊电源/Resistance welding power supply

可精确调节焊接电流、时间和压力，确保焊接质量稳定。

THE WELDING CURRENT, TIME AND PRESSURE CAN BE ACCURATELY ADJUSTED TO ENSURE STABLE WELDING QUALITY.

中频直流/交流阻焊控制器

MEDIUM FREQUENCY DC/AC SOLDER RESISTANCE CONTROLLER



LND-400A

逆变直流点焊电源

INVERTER DC SPOT WELDING POWER SUPPLY



LND-200A

逆变直流点焊电源

INVERTER DC SPOT WELDING POWER SUPPLY



LND-G04A

高频直流电阻焊电源

HIGH FREQUENCY DC RESISTANCE WELDING POWER SUPPLY



配套部件

COROLLARY EQUIPMENT



● 电极/Electrodes

不同规格端子需要配置对应的电极以获得最优的焊接效果。

DIFFERENT SPECIFICATIONS OF TERMINALS NEED TO BE CONFIGURED WITH CORRESPONDING ELECTRODES TO OBTAIN THE BEST WELDING EFFECT.



● 烟雾过滤器/Smoke filter

过滤漆包线气化产生的烟雾，减少异味；需定期根据使用情况更换过滤芯。

FILTER FUMES FROM ENAMELED WIRE GASIFICATION TO REDUCE ODORS; THE FILTER ELEMENT SHOULD BE REPLACED REGULARLY ACCORDING TO THE USE CONDITION.



● 工业冷水机/Industrial chillers

热熔焊接机必须水冷，根据需要选择功率。

HOT MELT WELDING MACHINE MUST BE WATER COOLED, ACCORDING TO THE NEED TO CHOOSE THE POWER.

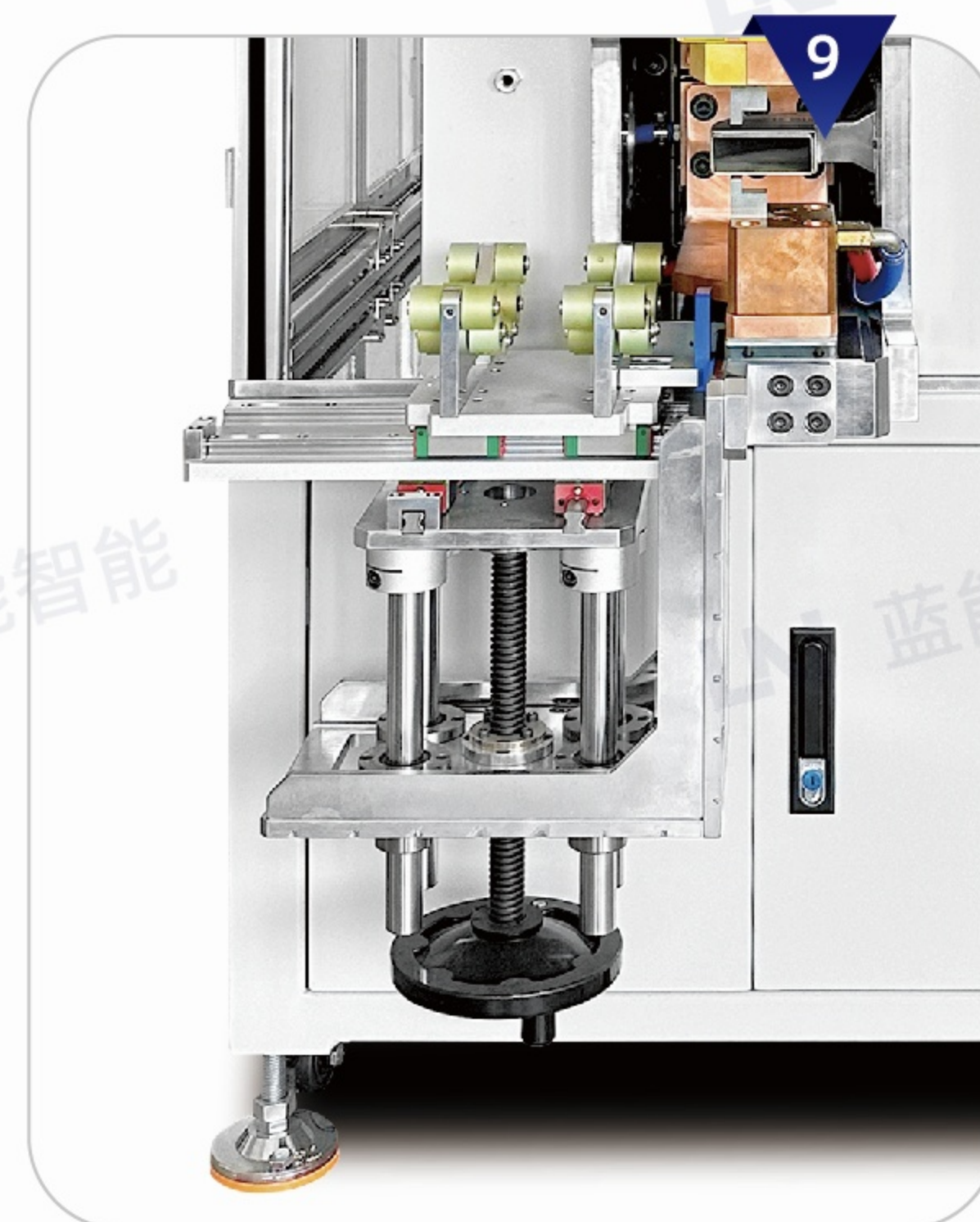
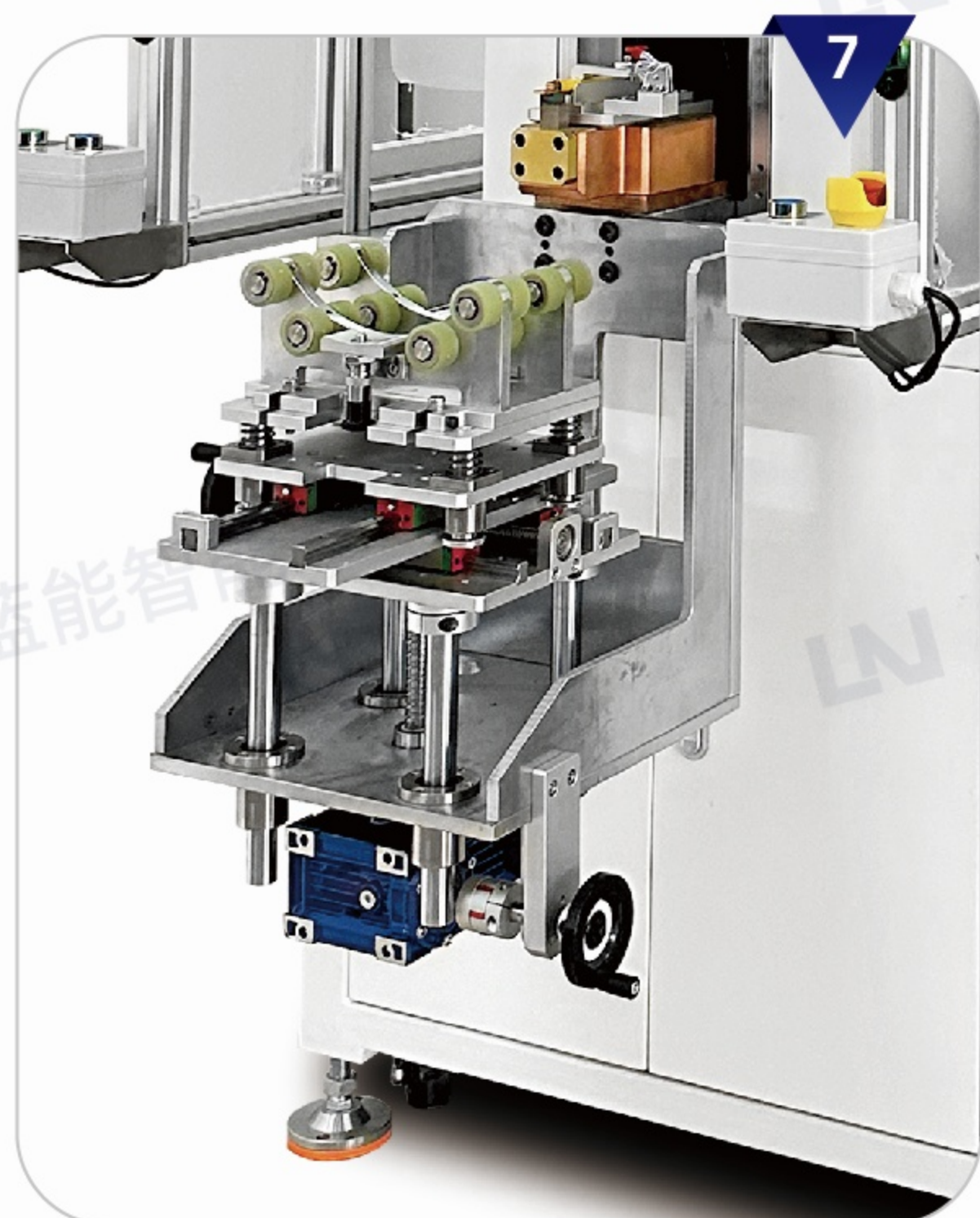
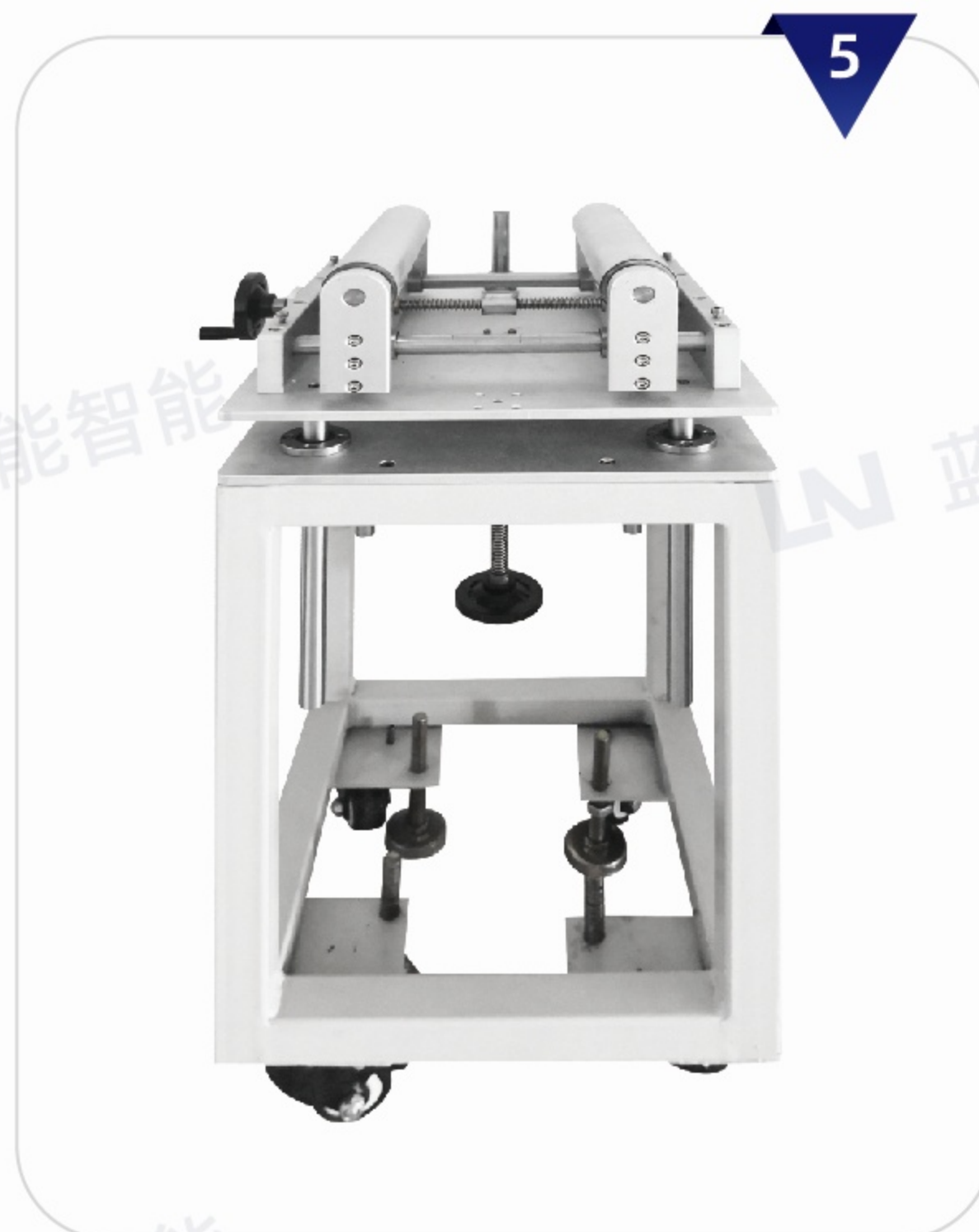


● 升降平台和移动工装/Lifting platform and mobile tooling



可非标定制升降平台、定位工装、移动工装等。

NON-STANDARD CUSTOMIZED LIFTING PLATFORM, POSITIONING TOOLING, MOBILE TOOLING, ETC.





技术支持

TECHNOLOGY

焊接件结构建议，可行性分析，焊接工艺、设备方案、焊接结果检测技术服务支持。

TECHNICAL SUPPORT: WELDING PARTS STRUCTURE SUGGESTION, FEASIBILITY ANALYSIS, WELDING PROCESS, EQUIPMENT SCHEME, WELDING RESULTS TESTING TECHNICAL SERVICE SUPPORT.

售后服务

AFTER SALE

设备交钥匙服务品质，现场陪产、设备维护保养、设备应用工艺扩展全面技术服务。

AFTER-SALES SERVICE: EQUIPMENT TURNKEY SERVICE QUALITY, ON-SITE PATERNITY, EQUIPMENT MAINTENANCE, EQUIPMENT APPLICATION PROCESS EXPANSION OF COMPREHENSIVE TECHNICAL SERVICES.

及时服务

TIMELY SERVICE

24小时及时响应客户的问题反馈。

24 HOURS TIMELY RESPONSE TO CUSTOMER FEEDBACK.

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