



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



塑料热铆接机

PLASTIC HOT RIVETING MACHINE

塑料热铆接机

PLASTIC HOT RIVETING MACHINE



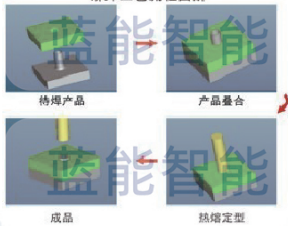
- 焊头的温度可瞬时升温，温度控制精确，在3%以内；
- 压力能够精确控制；
- 铆钉底部不会破损碎裂；
- 可以实现自动化操作。

- THE TEMPERATURE OF THE WELDING HEAD CAN BE HEATED INSTANTANEOUSLY, AND THE TEMPERATURE CONTROL IS ACCURATE, WITHIN 3%;
- PRESSURE CAN BE ACCURATELY CONTROLLED;
- THE BOTTOM OF THE RIVET WILL NOT BE BROKEN AND BROKEN;
- AUTOMATED OPERATION IS POSSIBLE.

焊接原理

WELDING PRINCIPLE

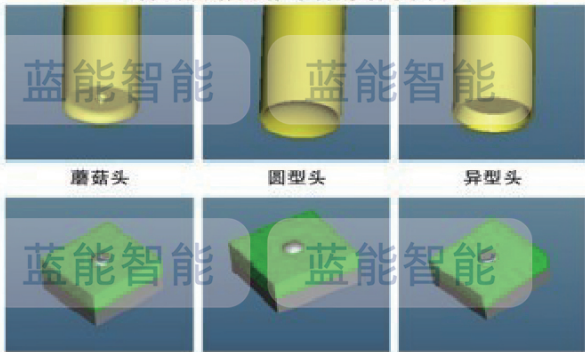
铆焊工艺流程图解



原理：利用脉冲电流流过钼、钛等高电阻材料时产生的焦耳热去加热焊接的方式。焊头下压住塑胶铆钉，焊头瞬时升温（1秒钟），焊头的温控精度可以控制在3%内，焊头热量作用于塑胶铆钉，热熔，塑胶铆钉产生“蘑菇”状，冷却（1-3秒钟），焊头抬起，焊接完成。

PRINCIPLE: THE METHOD OF WELDING IS HEATED BY JOULE HEAT GENERATED WHEN PULSED CURRENT FLOWS THROUGH HIGH RESISTANCE MATERIALS SUCH AS MOLYBDENUM AND TITANIUM. THE WELDING HEAD PRESSES DOWN THE PLASTIC RIVET, THE WELDING HEAD INSTANTANEOUS TEMPERATURE RISE (1 SECOND), THE TEMPERATURE CONTROL ACCURACY OF THE WELDING HEAD CAN BE CONTROLLED WITHIN 3%, THE HEAT OF THE WELDING HEAD ACTS ON THE PLASTIC RIVET, HOT MELT, THE PLASTIC RIVET PRODUCES A "MUSHROOM" SHAPE, COOLING (1-3 SECONDS), THE WELDING HEAD IS RAISED, AND THE WELDING IS COMPLETED.

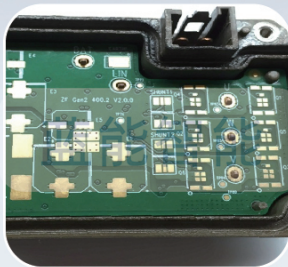
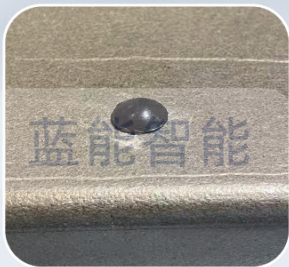
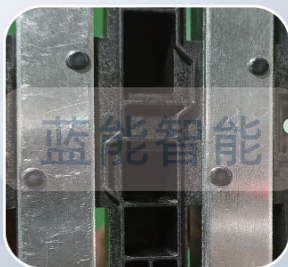
各式热熔头铆焊后的效果图示



● 焊接应用/APPLICTION

适用于热铆塑料类的产品外壳或零件，使塑料与塑料热粘合或塑料铆焊五金片件。可广泛适用于汽车电池包塑料支架和壳体，塑料支架和金属片热铆接，车载电容器塑料壳体热铆接，电机盖、汽车门板、发动机盖、热铆PDA、手机、钟表、微型塑料马达、继电器触点铜片、MP3、MP4、CD机、仪表台等等。可以一次同时铆合多个产品之使用。

IT IS SUITABLE FOR HOT RIVETING PLASTIC PRODUCT SHELL OR PARTS, SO THAT PLASTIC AND PLASTIC HOT BONDING OR PLASTIC RIVETING HARDWARE PIECES. IT CAN BE WIDELY USED IN AUTOMOTIVE BATTERY PACK PLASTIC BRACKET AND SHELL, PLASTIC BRACKET AND METAL SHEET HOT RIVETING, CAR CAPACITOR PLASTIC SHELL HOT RIVETING, MOTOR COVER, CAR DOOR PANEL, ENGINE COVER, HOT RIVETING PDA, MOBILE PHONE, CLOCK, MICRO PLASTIC MOTOR, RELAY CONTACT COPPER, MP3, MP4, CD PLAYER, INSTRUMENT PANEL AND SO ON. CAN BE USED FOR RIVETING MULTIPLE PRODUCTS AT THE SAME TIME.



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



创新型中小企业证书
INNOVATIVE ENTERPRISE
CERTIFICATE



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

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、销售汽车零部件焊机、非标自动化焊接设备等。

公司产品广泛应用于汽车新能源电机、伺服电机、空压机、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. FOUNDED IN 2011, IS CHINA'S INTELLIGENT PRECISION RESISTANCE WELDING SOLUTION PROVIDER, MOTOR LEAD HOT MELT WELDING MACHINE EXCELLENT SERVICE PROVIDER, IS ALSO A HIGH-TECH ENTERPRISE, PROVINCIAL "SPECIALIZED SPECIAL NEW" SMALL AND MEDIUM ENTERPRISES, INNOVATIVE SMALL AND MEDIUM ENTERPRISES, SCIENCE AND TECHNOLOGY SMALL AND MEDIUM ENTERPRISES. PROFESSIONAL RESEARCH, DEVELOPMENT, PRODUCTION, SALES OF AUTO PARTS WELDING MACHINE, NON-STANDARD AUTOMATIC WELDING EQUIPMENT.

THE COMPANY'S PRODUCTS ARE WIDELY USED IN AUTOMOTIVE NEW ENERGY MOTOR, SERVO MOTOR, AIR COMPRESSOR, MAGNETIC COMPONENTS AND OTHER INDUSTRIES. PARTNERS INCLUDE THE FOLLOWING COMPANIES:

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 CENTO 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).



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