

PICTORIAL DESIGN

大品牌/高质量/中国造



湖州新予科机电有限公司

HUZHOU XINYUKE ELECTROMECHANICAL CO., LTD

服务于装备产业自动化

专注于工艺技术革新

SERVICE EQUIPMENT INDUSTRY AUTOMATION FOCUS ON PROCESS TECHNOLOGY INNOVATION

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湖州新予科机电有限公司

Huzhou Xinyuke electromechanical Co., LTD

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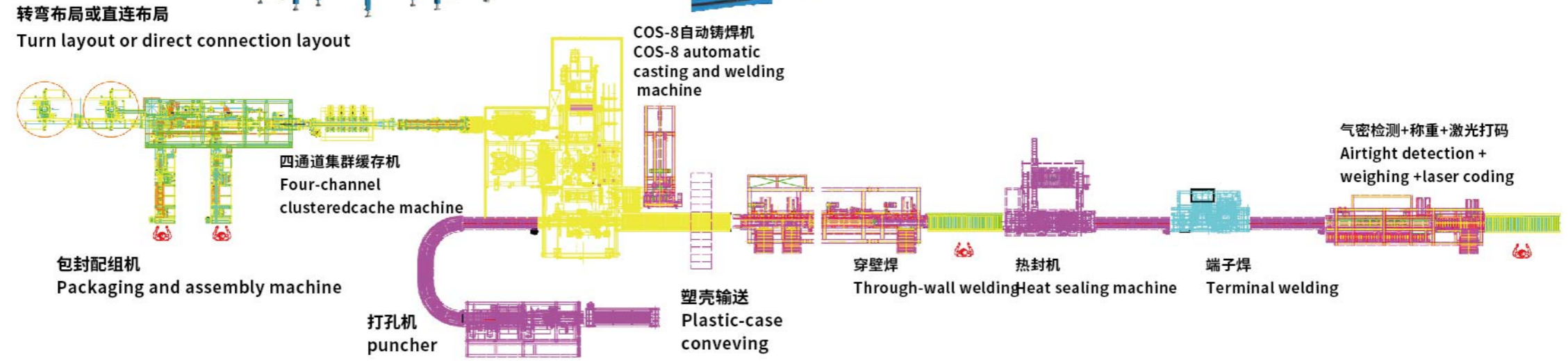


产品介绍 Product introduction
设备主要特性 Main characteristics of equipment

- 1、适用于汽车启动电池自动装配;
 - 2、可以根据客户需求配置启停电池铸焊功能;
- 主要设备名称
- 1、包封配组机 (根据要求可配缓存机) 2、COS-8 (自动上料、铸焊、入槽一体)
 - 3、打孔机 4、穿壁焊 5、热封机 6、端子烧焊机 7、气密检测机 8、输送带
- 设备主要参数
- 1、装配线整体效率≥3只/分钟 (60AH为标准)
 - 2、适于塑壳范围: 长: 187—410mm
宽: 127—176mm
高: 170—250mm
 - 3、整线尺寸: 长: 约37700mm
宽: 约8750mm
高: 3500mm
 - 4、主要耗能: 电源: 220V / 380V / 440V * 3相* 50 / 60Hz (可选)
(装机容量) 电耗: 约350KW (其中穿壁焊210KVA为瞬时功率不是平均能耗)
压缩空气: 6KGf/cm²
冷却水: 21L/min
氧气: 300—450Kpa
天然气: 20—50Kpa

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- 1, suitable for auto start battery automatic assembly;
 - 2, can configure start-stop battery casting welding function according to customer needs;
- Name of major equipment
- 1, packaging assembly machine (according to the requirements can be equipped with caching machine) 2, COS-8 (automatic feeding, casting welding, into the groove of one)
 - 3, punching machine 4, wall welding 5, heat sealing machine 6, terminal burning welding machine 7, airtight testing machine 8, conveyor belt
- Main parameters of equipment
- 1, the overall efficiency of the assembly line ≥3 / min (60AH is the standard)
 - 2, suitable for plastic shell range: length: 187 -- 410mm
Width: 127 -- 176mm
Height: 170 -- 250mm
 - 3, the whole line size: length: about 37700mm
Width: about 8750mm
Height: 3500mm
 - 4, the main energy consumption: Power supply: 220V / 380V / 440V * 3 phase * 50/60Hz (optional)
(installed capacity) Power consumption: about 350KW (in which 210KVA for through-wall welding is instantaneous power not average energy consumption)

Compressed air: 6KGf/cm²
Cooling water: 21L/min
Oxygen: 300 -- 450Kpa
Natural gas: 20 -- 50Kpa



产品介绍 Product introduction

设备主要特性 Main characteristics of equipment

- 1、本组线适用于管式热封型电池的组装，适应范围为12V (6V)60AH—120AH的组装；
- 2、整条组线的长度约35米左右；各铅尘、铅烟，塑壳热封等环节，均采用环保密封、预留抽风口；涉及到安全隐患等部位均采取明显的颜色防护罩及安全警示标识；
- 3、8小时每班工作时间可以生产约600只，每班工作电量消耗约为800KW/8H；
- 4、各环节模夹具的气、电、水均采用快速拔插模式，方便模夹具的快速更换，以提高换型效率；

主要设备名称

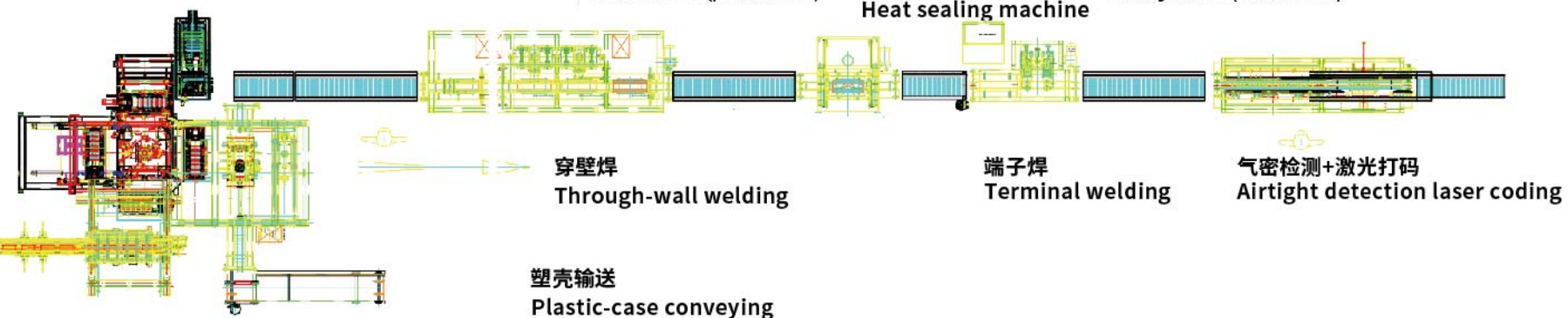
- 1、包封配组机（其中PVC隔板可采用专用配组机）
- 2、COS-5自动铸焊机（自动上料、铸焊、入槽一体）
- 3、穿壁焊
- 4、热封机
- 5、端子烧焊机
- 6、气密检测机
- 7、输送带

设备主要参数

- 1、装配线整体效率 ≥ 2 只/分钟（60AH为标准）
- 2、适用范围：12V60AH—12V120AH范围最佳（汇流排长度28mm-70mm）
- 3、整线尺寸：长：约31300mm
宽：约4650mm
高：3500mm
- 4、主要耗能：电耗：约150KW（其中穿壁焊80KVA为瞬时功率不是平均能耗）
压缩空气：6Kg/cm²
冷却水：10L/min
氧气：300—450Kpa
天然气：20—50Kpa

隔板选用
Baffle selection热封机
Heat sealing machine

Cooling water: 10L/min
Oxygen: 300 -- 450Kpa
Natural gas: 20 -- 50Kpa



- 1, this assembly line is suitable for the assembly of tubular heat-sealed batteries, suitable for the assembly of 12V (6V)60AH -- 120AH;
2. The length of the entire assembly line is about 35 meters; The lead dust, lead smoke, plastic shell heat sealing and other links, are environmentally friendly sealing, reserved air outlet; Related to safety hazards and other parts are taken obvious color protective cover and safety warning signs;
- 3, 8 hours per shift working time can produce about 600, each shift working power consumption of about 800KW/8H;
- 4, the gas, electricity and water of each link of the mold fixture are adopted in a rapid insertion mode, which is convenient for the rapid replacement of the mold fixture to improve the efficiency of the change;

Name of major equipment

- 1, packaging assembly machine (PVC partition can be used special assembly machine)
- 2, COS-5 automatic casting and welding machine (automatic feeding, casting and welding, groove into one)
- 3, through wall welding
- 4, heat sealing machine
- 5, terminal burning welding machine
- 6, airtight detection machine
- 7, conveyor belt

Main parameters of equipment

- 1, the overall efficiency of the assembly line ≥ 2 / min (60AH is the standard)
- 2, application range: 12V60AH -- 12V120AH range of the best (bus length 28mm-70mm)
- 3, the whole line size: length: about 31300mm
Width: about 4650mm
Height: 3500mm
- 4, the main energy consumption: power consumption: about 150KW (wall welding 80KVA instantaneous power is not the average energy consumption)
Compressed air: 6Kg/cm²

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment

- 1、本装配线主要适用于热封型铅酸电池自动化装配使用;
- 2、本装配线标准配置人员4-5人;
- 3、若需扩大适用范围, 则需增加铸焊夹具以及上下助力抓手给予配套。

主要设备名称

- 1、包封配组机 (根据要求可配缓存机) 2、COS-7自动铸焊机 (自动上料、铸焊、入槽一体)

- 3、穿壁焊 4、热封机 5、端子烧焊机 6、气密检测机 7、输送带

设备主要参数

- 1、设备效率≥1.5只/分钟 (以150AH为标准);
- 2、适用范围: 适用范围: 12V120AH—12V220AH范围最佳 (汇流排长度70mm-120mm)
长×宽×高=420×175×225mm~518×275×244mm
- 3、整线尺寸: 长: 约4350mm
宽: 约5500mm
高: 3300mm
- 4、主要耗能: 电耗: 约305KW (其中穿壁焊210KVA为瞬时功率不是平均能耗)
压缩空气: 6KGf/cm²
冷却水: 10L/min
氧气: 300—450Kpa
天然气: 20—50Kpa



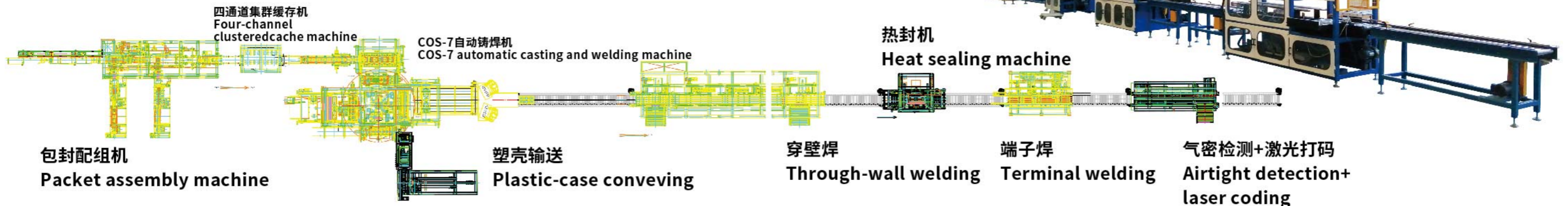
包封配组机(PE/AGM)
Packaging assembly machine (PE/AGM)



四通道集群缓存机(可选项)
Four-channel clustered cache machine(optional)



COS-7自动铸焊机
COS-7 automatic casting and welding machine



- 1. This assembly line is mainly suitable for the automatic assembly of heat-sealed lead-acid batteries;
- 2, the assembly line standard configuration personnel 4-5 people;
- 3, if it is necessary to expand the scope of application, it is necessary to increase the casting welding fixture and the upper and lower power gripper to provide supporting.

Name of major equipment

- 1, packaging assembly machine (according to requirements can be equipped with cache machine) 2, COS-7 automatic casting and welding machine (automatic feeding, casting and welding, into the groove)

- 3, through wall welding 4, heat sealing machine 5, terminal burning welding machine 6, airtight detection machine 7, conveyor belt

Main parameters of equipment

- 1, equipment efficiency ≥1.5 / min (150AH as the standard);
- 2, application scope: Application scope: 12V120AH -- 12V220AH range is the best (bus length 70mm-120mm)
Length × width × height =420×175×225mm ~ 518×275×244mm
- 3, the line size: length: about 4350mm

Width: about 5500mm

Height: 3300mm

4, the main energy consumption: power consumption: about 305KW (through the wall welding 210KVA instantaneous power is not the average energy consumption)

Compressed air: 6KGf/cm²

Cooling water: 10L/min

Oxygen: 300 -- 450Kpa

Natural gas: 20 -- 50Kpa

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment

包封配组机 (侧吸式)
Encapsulation assembly machine (side suction)



包封配组机
Packing machine (flat suction)

- 1、本设备适用于汽车启动型、启停型电池的各类规格电池；
- 2、本设备适用包封卷带式PE隔板、PE复合板或AGM隔板实现包封与配组；
- 3、上料采取吸盘模式放置极板，具有自动清刷极耳功能；隔板输送、滚切、包封伺服控制，导向利用负压导向更加稳定可靠；（其中平方式上料方式降低了操作难度，人员只需平放到操作平台即可）
- 4、双通道上料实现配组，转盘叠片输送。

设备主要参数

- 1、设备效率：包封速度80—140片/分钟；AGM60—120片/分钟
- 2、适于极板范围：宽：100—160mm
高：95—150mm（不含极耳） 平方式：100—200mm
厚：0.8—3mm
- 3、设备尺寸：长：5660mm(不含输送带)
宽：3500mm
高：2200mm
- 4、主要耗能：电源：220V / 380V / 440V * 3相 * 50 / 60Hz（可选）
气压：5-6Kg/cm²

- 1, this device is suitable for all kinds of specifications of automobile starting and start-stop batteries;
- 2, the equipment is suitable for wrapping coil PE partition, PE composite plate or AGM partition to achieve encapsulation and assembly;
- 3, the feeding adopts the suction cup mode to place the plate, with automatic cleaning pole ear function; Diaphragm conveying, rolling cutting, encapsulation servo control, guide using negative pressure guide more stable and reliable;(Among them, the flat feeding mode reduces the difficulty of operation, and the personnel only need to lay it on the operating platform) (The flat feeding mode reduces the difficulty of operation, and the personnel only need to lay it on the operating platform)
- 4, double channel feeding to achieve assembly, turntable laminated conveyor.

Main parameters of equipment

- 1, equipment efficiency: encapsulation speed 80 -- 140 pieces/min; AGM60-120 tablets/min
- 2, suitable for plate range: wide: 92 -- 160mm Flat mode: 100-200mm
Height: 100 -- 160mm
Thickness: 0.8 -- 3mm
- 3, equipment size: length: 5660mm(excluding conveyor belt)
Width: 3500mm
Height: 2200mm
- 4, the main energy consumption: Power supply: 220V / 380V / 440V * 3-phase * 50/60Hz (optional)
Air pressure: 5-6Kg/cm²



1.上隔板 (PE或AGM)
1. Upper partition (PE or AGM)



2.上极板工位 (正负板)
2. Upper Plate (positive and negative plate)



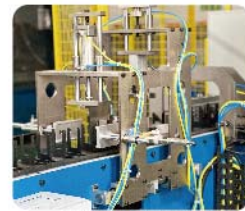
3.包封
3. Encapsulation



4.配组输送
4. Matching and conveying



5.极板叠片
5. Plate stacking



6.集群整理+极耳捏边
6. Cluster organization+ extreme ear pinching edge



平方上料工位
Square loading station

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment



PVC/玻璃纤维配组机
PVC/ glass fiber assembly machine



1.工作台总成
1. Workbench assembly



2.正负板+隔板上料
2. Material positive and negative plates + partitions



3.极板上料
3. Plate feeding



4.隔板上料
4. Plate material

- 1、本设备适用管式电池隔板PVC的集群配组；
- 2、正负极板上料采取吸盘模式放置极板；隔板采用伯努利吸盘上料；
- 3、上料通道按4正5负排列。

设备主要参数

- 1、设备效率：配组速度100只/小时
- 2、适于极板范围：宽：100—160mm
高：100—160mm
厚：1—4mm
- 3、设备尺寸：长：9180mm
宽：3000mm
高：2200mm
- 4、主要耗能：电源：220V / 380V / 440V * 3相 * 50 / 60Hz（可选）
气压：5-6Kg/cm²

- 1, this equipment is suitable for tubular battery partition PVC cluster assembly;
- 2, positive and negative plate loading adopts suction cup mode to place the plate; The separator is fed with Bernoulli sucker;
- 3, the feeding channel is arranged by 4 positive and 5 negative.

Main parameters of equipment

- 1, equipment efficiency: group speed 100 PCS/hour
- 2, suitable for plate range: width: 100 -- 160mm
Height: 100 -- 160mm
Thickness: 1 -- 4mm
- 3, equipment size: length: 9180mm
Width: 3000mm
Height: 2200mm
- 4, the main energy consumption: Power supply: 220V / 380V / 440V * 3 phase * 50/60Hz (optional)
Air pressure: 5-6Kg/cm²

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment



四通道集群缓存机
Four-channel clustered cache machine



1.进口 (集群整理)
1. Import (cluster sorting)



2.集群输送
2. Cluster transportation



3.集群缓存区
3. Cluster cache



4.出口 (集群等待)
4. Export (cluster waiting)

本设备作为全自动铸焊机进料站与包封机之间用于蓄电池集群组缓冲储存功能，该设备能有效提高因铸焊机故障或包封机故障或速度匹配不合适导致设备使用效率低的问题。该设备为全自动运行，自动根据铸焊机进料工作情况自动调整集群存储或集群释放动作。

设备主要参数

- 1、电源要求：380V±10% 3相4线 AC 50HZ 5KW
- 2、压缩空气：5-6Kg/cm²
- 3、设备缓存能力：最多18只集群（3只电池）
- 4、辅助通风除尘设备：自然通风或除尘通风（自备）
- 5、外形尺寸：长：2600mm
宽：1200mm
高：2500mm
- 6、设备总重量：1330KG

As a buffer storage function between the material station of the automatic casting and welding machine and the wrapping machine, the equipment can effectively improve the low efficiency of the equipment caused by the failure of the casting and welding machine or the failure of the wrapping machine or the improper speed matching. The equipment is fully automatic operation, automatically adjust the cluster storage or cluster release action according to the material working condition of the casting and welding machine.

Main parameters of equipment

- 1, power requirements: 380V±10% 3-phase 4-wire AC 50HZ 5KW
- 2, compressed air: 5-6Kg/cm²
- 3, device caching capability: up to 18 clusters (3 batteries)
4. Auxiliary ventilation and dust removal equipment: natural ventilation or dust removal ventilation (self-provided)
- 5, overall size: length: 2600mm
Width: 1200mm
Height: 2500mm
6. Total weight of the equipment: 1330KG

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment



自动打孔机 (2X3型)
Automatic punching machine (2X3 type)



数控打孔机 (1X6型)
CNC Punching machine (1X6 type)

1、打孔工位

- 1) 配置一个打孔模头，模头升降定位、前后定位全部采用伺服控制；塑壳左右移动采取伺服控制，不同型号自动调整；（2*3型配置了2个打孔模头X向和Y向）
- 2) 打孔的定位以塑壳底部为基点，等同于后道焊接基点定位模式，更加提高焊接的稳定性；
- 3) 打孔的残余塑料片采取负压直接抽取模式，在打孔的过程中，直接负压抽取到储存桶，从而提高效率及减少污染；

2、扩径工位（2*3型未配置）

- 1) 针对相同塑壳不同容量电池专门增加的一个工序；
- 2) 把以前因为片数少的需要人工在集群两侧放置衬片，改成塑壳在注塑成型时候，直接增加叶片状注塑成型的模式，然后根据每个集群的厚度要求，制作同样厚度要求的扩径冲压模具，在该工位上用于冲压的模式，把注塑的液面挤压成有弹性的叶片来替代衬片；
- 3) 该工序的增加能够直接取消放置衬片人员，同时也利于全自动集群入壳操作。

3、修毛刺工位

- 1) 该工序的主要作用是针对塑壳在冲孔时候可能出现塑料孔四周的毛刺进行处理；
- 2) 该工序的处理模式是采取电加热，然后通过可调节热封温度来处理打孔的残余毛刺；
- 3) 本设备设计的热封处理模式，采取点对点的热处理模式，优点是热效率增加，并且不会对塑壳的封口出造成高温避免影响热封质量；

设备主要参数

- 1、设备效率≥4只/分钟
- 2、适于塑壳范围：长：187—410mm（2*3型：520）
宽：127—176mm（2*3型：280）
高：170—250mm
- 3、设备尺寸：长：3300mm
宽：1500mm
高：2100mm
- 4、主要耗能：电源：220V / 380V / 440V * 3相 * 50 / 60Hz（可选）
电耗：约13.5KW
压缩空气：5-6Kg/cm²

1. Drilling station

- 1) Configure a punching die head, the die head lifting positioning, positioning before and after all using servo control; The left and right movement of the plastic shell adopts servo control, and the automatic adjustment of different models: (2*3 type is configured with 2 drilling head X and Y direction)
- 2) The positioning of the hole is based on the bottom of the plastic shell, which is equivalent to the positioning mode of the rear welding base point, and the stability of the welding is improved.

- 3) The perforated residual plastic sheet adopts the negative air pressure direct extraction mode. In the process of perforating, the negative air pressure is directly extracted to the storage barrel, thereby improving efficiency and reducing pollution;

2, expanding station (2*3 type not configured)

- 1) A process specially added for batteries with different capacities of the same plastic case;
- 2) The previous need to manually place the lining on both sides of the cluster because of the small number of pieces, into the plastic shell in injection molding, directly increase the blade injection molding mode, and then according to the thickness requirements of each cluster, make the same thickness of the expanding stamping die, in the station for stamping mode, the injection surface extrusion into flexible blades to replace the lining;
- 3) The increase of the process can directly eliminate the placement of lining personnel, but also conducive to the automatic cluster into the plastic shell operation.

3. Burr repair station

- 1) The main function of the process is to treat the burrs around the plastic holes that may appear when the plastic shell is punched;
- 2) The processing mode of this process is to take electric heating, and then to deal with the residual burrs of drilling by adjusting the heat sealing temperature;
- 3) The heat sealing treatment mode designed by the equipment adopts point-to-point heat treatment mode, which has the advantage of increasing thermal efficiency and not causing high temperature to the sealing of the plastic shell to avoid affecting the heat sealing quality;

Main parameters of equipment

- 1, equipment efficiency ≥4 / min
- 2, suitable for plastic shell range: length: 187 -- 410mm (2*3 type: 520)
Width: 127 -- 176mm (2*3 type: 280)
Height: 170 -- 250mm
- 3, equipment size: length: 3300mm
Width: 1500mm
Height: 2100mm
- 4, the main energy consumption: Power supply: 220V / 380V / 440V * 3 phase * 50/60Hz (optional)
Power consumption: About 13.5KW
Compressed air: 5-6Kg/cm²



1.上塑壳工位
1. Plastic shell station



2.打孔工位
2. Drilling station



3.扩径工位
3. Expanding station



4.修毛刺工位
4. Burr repair station



5.废料收集
5. Waste collection



1.XY向打孔机头
1.XY punching head



2.废料收集
2. Waste collection

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment



COS-8-I (标配)
COS-8-I (standard)

1. 自动上料工位
1) 采用伺服旋转, 可左右90°旋转抓取集群模式;
2) 抓料升降、合并、分开均采用伺服控制, 以提高稳定性与达到数控换型模式;
3) 各独立抓手可根据客户需求配置180°旋转模式;
4) 工位配备了极耳整理与集群整理工序。
2. 自动刷极耳工位
1) 该工位主要: 刷极耳、沾助焊剂及极耳快速烘干功能;
2) 配置自动输送助焊剂功能, 以保证助焊剂试用均匀性;
3) 同时可根据客户需求增加沾锡功能。
3. 自动铸焊工位
1) 铸焊深度控制采用伺服控制;
2) 配置自动输送送铅锭机, 以确保铅液供应稳定;
3) 模具水、电全部配置集成式快速接头, 以提升更换型号速度。
4. 自动入槽工位
1) 抓手升降采用伺服控制模式;
2) 入槽夹具以塑壳型号更换一套夹具;
3) 采取1.3.5; 2.4.6单个入槽模式;
4) 配置集群旋转与塑壳旋转模式。

- 设备主要参数
- 1、设备效率≥3只/分钟; (60AH以下)
 - 2、适于塑壳范围: 长: 187—410mm
宽: 127—176mm
高: 170—250mm
 - 3、设备尺寸: 长: 约6000mm
宽: 约7300mm
高: 3500mm
 - 4、主要耗能: 电源: 220V / 380V / 440V * 3相 * 50 / 60Hz (可选)
电耗: 125KW
气压: 5—6Kg/cm²
冷却水: 2—4Kg/cm²

COS-8 automatic CNC casting and welding machine (type 1*6)
Product introduction

Main characteristics of equipment

- 1, automatic loading station
1) Using servo rotation, it can rotate about 90° to grasp cluster mode;
2) The lifting, merging and separating of the material are controlled by servo to improve stability and achieve the numerical control transformation mode;
3) Each independent gripper can be configured with 180° rotation mode according to customer demand;
4) The station is equipped with pole finishing and cluster finishing processes.

- 2, automatic brush pole ear station
1) The station mainly: brush pole ear, dip flux and pole ear quick drying function;
2) Automatic flux transfer function is configured to ensure the uniformity of flux trial;
3) At the same time, it can increase the tin dipping function according to customer needs.

- 3, automatic casting and welding station
1) The casting and welding depth is controlled by servo control;
2) Equipped with automatic lead ingot conveying machine to ensure the stable supply of lead liquid;
3) All mold water and electricity are equipped with integrated quick connectors to improve the speed of model replacement.

- 4, automatic slot station
1) The gripper lifting adopts servo control mode;
2) Slot fixture to replace a set of fixture with a plastic case model;
3) Take 1.3.5; 2.4.6 Single Slot Mode.
4) Configure the cluster rotation and MCCB rotation modes.

- Main parameters of equipment
- 1, equipment efficiency ≥3 / min; (Under 60AH)
 - 2, suitable for plastic shell range: length: 187 -- 410mm
Width: 127 -- 176mm
Height: 170 -- 250mm
 - 3, equipment size: length: about 6000mm
Width: about 7300mm
Height: 3500mm
 - 4, the main energy consumption: Power supply: 220V / 380V / 440V * 3 phase * 50/60Hz (optional)
Power consumption: 125KW
Air pressure: 5 -- 6Kg/cm²
Cooling water: 2 -- 4Kg/cm²



1. 集群举升工位
1. Cluster lifting station



2. 旋转上料工位
2. Rotate the loading station



3. 集群整理工位
3. Organize work stations in a cluste



4. 刷极耳+沾铸焊液 (可选沾锡) 工位
4. Brush pole ear + dip casting welding liquid (optional dip tin) station



5. 铸焊工位
5. Casting and welding station



6. 铅锅+自动上铅工位
6. Lead pan + automatic lead loading station



7. 二次入槽工位
7. Enter the slot twice



8. 冷却工位
8. Cooling station

COS-8-II(F标配)
COS-8-II(F standard)



1. 伺服夹紧
1. Servo clamping



2. 入槽工位
2. Enter the slot

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment



COS-7-III自动铸焊机
(2X3型入槽)

COS-7-III automatic casting and welding machine
(2X3 type inlet slot)

COS-7-I自动铸焊机
COS-7-I automatic casting and welding machine

COS-7-II自动铸焊机
COS-7-II automatic casting and welding machine



1. 集群输送整理
and finishing
1. Cluster transportation and finishing



2. 机械手上料
2. Mechanical hand material



2. 气缸顶升+凸轮分割器
2. Cylinder jacking + CAM divider



3. 旋转平台
3. Rotate the platform



4. 集群整理、刷极耳、沾助焊剂、烘干
4. Cluster finishing, brush pole ear, contaminated flux, drying



5. 铸焊工位
5. Casting and welding station

- 1、适用于N40AH—N200AH (1*6/2*3) 电池的铸焊功能;
- 2、四工位铸焊机主要功能: 第一工位: 采取直线上料机械手模式 (一次抓6个集群: 单个厚度≤85mm; 其中COS7-II单个厚度≤160mm)

第二工位: 自动刷极耳、沾铸焊液、极耳、烘干 (可选)

第三工位: 自动铸焊

第四工位: 采取直线下料机械手模式 (集群放置于输送带; 其中COS7-II可实现自动入槽功能)

- 3、快速更换模具功能, 并可配置模具更换前的预热功能, 更换速度约为30分钟;
- 4、配置了自动输送铅锭;

设备主要参数

- 1、设备效率: 1.5-2.5只/分钟; 人员1-2人/班即可;
- 2、设备尺寸: 长: 6700mm
宽: 5500mm
高: 2300mm
- 3、主要耗能: 电源: 220V / 380V / 440V * 3相 * 50 / 60Hz (可选)
电耗: 70KW
气压: 5—6Kg/cm²
冷却水: 2—4Kg/cm²

- 1, suitable for N40AH -- N200AH (1*6/2*3) battery casting and welding function;
- 2, the main functions of the four-station welding machine: the first station: adopt the linear feeding robot mode (a grasp of 6 clusters: a single thickness ≤85mm; Where COS7-II single thickness ≤160mm)

Second station: Automatic brush pole ear, dip casting welding machine, pole ear, drying (optional)

Third station: automatic casting and welding

Fourth station: adopt the linear blanking manipulator mode (cluster placed on the conveyor belt; Where COS7-II can realize automatic slot function)

- 3, rapid replacement of the mold function, and can be configured before the preheating function of the mold replacement, the replacement speed is about 30 minutes;
- 4, equipped with automatic delivery of lead ingots;

Main parameters of equipment

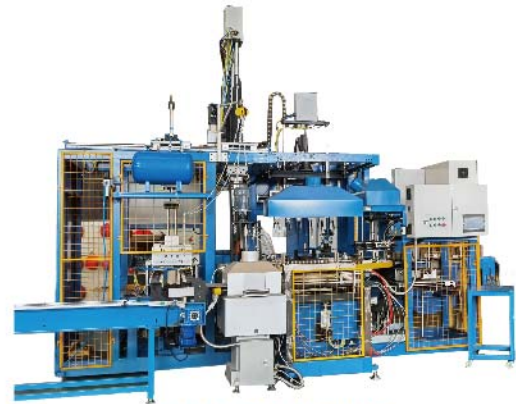
- 1, equipment efficiency: 1.5-2.5 / min; Personnel 1-2 people/shift can be;
- 2, equipment size: length: 6700mm
Width: 5500mm
Height: 2300mm
- 3, the main energy consumption: Power supply: 220V / 380V / 440V * 3 phase * 50/60Hz (optional)
Power consumption: 70KW
Air pressure: 5 -- 6Kg/cm²
Cooling water: 2 -- 4Kg/cm²



6. 下料工位
6. Cutting station

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment



COS-5自动铸焊机

COS-5 automatic casting and welding machine



1.上料举升
1. Loading and lifting



2.上料机械手
2. Feeding manipulator



3.COS5铸焊机

3.COS5 casting welding machine



4.下料入槽机

4. Feed into slot machine

- 1、适用于N40AH—N100AH (1*6) 电池的铸焊功能;
- 2、四工位铸焊机主要功能: 第一工位: 采取直线上料机械手模式 (一次抓6个集群: 单个厚度≤75mm)
第二工位: 自动刷极耳、沾铸焊机、极耳、烘干 (可选)
第三工位: 自动铸焊
第四工位: 采取直线下料机械手模式 (方式包含: 一次入槽和两次入槽模式)

- 3、模夹具电源、气源、水源等均采取快插模式方便换型;
- 4、铸焊N40AH-N100AH之间电池, 采用双动夹片模式, 不需要更换夹具;
- 5、增加了送塑壳工位, 输送至入槽工位;

设备主要参数

- 1、设备效率: 2.5-3只/分钟; 人员1-2人/班即可;
- 2、设备尺寸: 长: 4500mm
宽: 4500mm
高: 3500mm
- 3、主要耗能: 电源: 220V / 380V / 440V * 3相 * 50 / 60Hz (可选)
电耗: 70KW
气压: 5—6Kg/cm²
冷却水: 2—4Kg/cm²

- 1, suitable for N40AH -- N100AH (1*6) battery casting and welding function;
- 2, the main function of the four-station welding machine: the first station: adopt the linear feeding robot mode (a grasp of 6 clusters: a single thickness ≤75mm)
Second station: Automatic brush pole ear, dip casting welding machine, pole ear, drying (optional)
Third station: automatic casting and welding
Fourth station: Adopt the linear feeding manipulator mode (including: one-slot and two-slot mode)
3. The power supply, air source, water source, etc. of die fixture are adopted in quick-insert mode for easy replacement;
- 4, casting and welding N40AH-N100AH between the battery, the use of double clamping mode, no need to replace the fixture;
- 5, increase the plastic shell feeding station, transported to the slot station;

Main parameters of equipment

- 1, equipment efficiency: 2.5-3 / min; Personnel 1-2 people/shift can be;
- 2, equipment size: length: 4500mm
Width: 4500mm
Height: 3500mm
- 3, the main energy consumption: Power supply: 220V / 380V / 440V * 3 phase * 50/60Hz (optional)
Power consumption: 70KW
Air pressure: 5 -- 6Kg/cm²
Cooling water: 2 -- 4Kg/cm²

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment



自动放置中盖机
Automatic capping machine



1.极柱端子矫正
1. Pole terminal correction



2.塑壳缓存
2. MCCB cache



3.上盖抓手
3. Cover gripper

- 1、本设备的作用是在穿壁焊后, 热封之前放置塑壳的环节, 由以前的人工放置换成自动摆放;
- 2、本设备有三部分组成: 极柱端子矫正功能; 塑壳缓存功能; 自动抓取放置中盖功能。

设备主要参数

- 1、设备效率≥3只/分钟
- 2、中盖缓存: 180只/次
- 3、适于塑壳范围: 长: 187—410mm
宽: 127—176mm
高: 170—250mm
- 4、设备尺寸: 长: 2600mm
宽: 2800mm
高: 2000mm
- 5、主要耗能: 电源: 220V / 380V / 440V * 3相 * 50 / 60Hz (可选)
电耗: 约5KW
压缩空气: 6Kg/cm²

Automatic capping machine

Product introduction

Main characteristics of equipment

- 1, the role of the equipment is to place the plastic shell before the heat seal after the wall welding, from the previous manual placement to automatic placement;
- 2, the equipment has three parts: pole terminal correction function; Plastic case cache function; Automatic grab and place cover function.

Main parameters of equipment

- 1, equipment efficiency ≥3 / min
2. Middle cover cache: 180 PCS/time
- 3, suitable for plastic shell range: length: 187 -- 410mm
Width: 127 -- 176mm
Height: 170 -- 250mm
- 4, equipment size: length: 2600mm
Width: 2800mm
Height: 2000mm
- 5, the main energy consumption: Power supply: 220V / 380V / 440V * 3 phase * 50/60Hz (optional)
Power consumption: about 5KW
Compressed air: 6Kg/cm²

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment



全自动数控穿壁焊(1X6型3焊头)
Automatic CNC through-wall welding (1X6 type 3 head)

本设备为全自动数控换型操作设备，主要由五个工位组成，电池输送采取3条双排链条输送，电池换型的输送导向采取自动调节模式，换型定型调节时为了方便操作由手动数字调节器，方便新产品定型调节使用。

- 1、短路检测工位
 - 1) 采取高压横流的模式检测;
 - 2) 采取探针为接触点检测;
 - 3) 检测探针设计为可调节的通用模式;
 - 4) 该工位配置了不合格退出功能。
- 2、焊接工位 (1*6型和通用型)
 - 1) 采取瞬间大电流融合焊接模式;
 - 2) 本设备配置了三个工位作为穿壁焊接 (通用型带有一个Y向; 1*6型的三个均为X向);
 - 3) 本焊接工序的焊头升降、前后移动、塑壳左右移动均采取伺服控制模式;
 - 4) 本设备的焊接夹紧模式采取液压控制模式;
 - 5) 本设备升降伺服、液压系统等重力与高压作用部分，为了保证运行稳定均配置了气缸和气体保护。
- 3、焊接检测工位
 - 1) 该工序主要是检测焊接质量;
 - 2) 该工位配置了不合格退出功能;
 - 3) 该工序的检测模具为一个产品一个模具设计，更加方便快速更换。

- 设备主要参数
- 1、设备效率≥3只/分钟
 - 2、适于塑壳范围: 长: 187—520mm (1*6型410mm)
宽: 127—280mm (1*6型176mm)
高: 170—300mm (1*6型250mm)
 - 3、设备尺寸: 长: 6540mm
宽: 2200mm
高: 2440mm
 - 4、主要耗能: 电源: 220V / 380V / 440V * 3相 * 50 / 60Hz (可选)
电耗: 约30KW (焊接头为瞬时功率不是平均能耗)
气压: 5-6Kg/cm²
循环水: 2-4Kg/cm²

This equipment is automatic CNC transformational operation equipment, mainly composed of five stations, the battery transport takes 3 double chain transport, battery transformational

The transmission guide adopts the automatic adjustment mode, and the manual digital regulator is used to facilitate the operation of the new product.

- 1, short circuit detection station
 - 1) Mode detection of high voltage cross flow;
 - 2) Using a probe as the contact point detection;
 - 3) The detection probe is designed as an adjustable universal mode;
 - 4) The station is configured with the unqualified exit function.
- 2, welding station (1*6 type and general type)
 - 1) Adopt instantaneous high current fusion welding mode;
 - 2) The equipment is equipped with three stations for through-wall welding (universal type with a Y direction; Three of type 1*6 are in the X direction);
 - 3) In this welding process, the welding head lifting, moving back and forth, and the plastic shell moving left and right are all servo control mode;
 - 4) The welding clamping mode of the equipment adopts hydraulic control mode;
 - 5) The lifting servo, hydraulic system and other gravity and high pressure parts of the equipment are equipped with cylinders and gas protection in order to ensure stable operation.
- 3, welding testing station
 - 1) The process is mainly to detect the welding quality;
 - 2) The station is configured with the unqualified exit function;
 - 3) The testing mold of this process is designed for one product and one mold, which is more convenient and rapid replacement.

- Main parameters of equipment
- 1, equipment efficiency ≥3 / min
 - 2, suitable for plastic shell range: length: 187 -- 520mm (1*6 type 410mm)
Width: 127 -- 280mm (1*6 type 176mm)
Height: 170 -- 300mm (1*6 type 250mm)
 - 3, equipment size: length: 6540mm
Width: 2200mm
Height: 2440mm
 - 4, the main energy consumption: Power supply: 220V / 380V / 440V * 3 phase * 50/60Hz (optional)
Power consumption: about 30KW (instantaneous power of welding joint is not average energy consumption)
Air pressure: 5-6Kg/cm²
Circulating water: 2-4Kg/cm²



数控穿壁焊 (通用型)
CNC through-wall welding (Universal)



1. 短路检测工位
1. Short circuit detection station



2. 焊接机头
2. Welding head



2-1. 焊接机头
2-1. Welding head



3. 焊接检测工位
3. Welding inspection station



4. 液压站
4. Hydraulic station

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment

本设备为主要有4个工位组成，电池输送采取2排链条输送，电池换型的输送导向采取手动调节模式;

- 1、短路检测工位
 - 1) 采取高压横流的模式检测;
 - 2) 采取探针为接触点检测;
 - 3) 检测探针设计为可调节的通用模式;
 - 4) 该工位配置了不合格退出功能。
- 2、焊接工位 (1*6型2头)
 - 1) 采取瞬间大电流融合焊接模式;
 - 2) 本设备配置了2个工位作为穿壁焊接;
 - 3) 本焊接工序的焊头升降采用气缸，左右移动均采取伺服控制模式;
 - 4) 本设备的焊接夹紧模式采取液压控制模式;
- 3、焊接检测工位
 - 1) 该工序主要是检测焊接质量;
 - 2) 该工位配置了不合格退出功能;
 - 3) 该工序的检测模具为一个产品一个模具设计，更加方便快速更换。

- 设备主要参数
- 1、设备效率≥3只/分钟
 - 2、适于塑壳范围: 长: 187—410mm
宽: 127—176mm
高: 170—250mm
 - 3、设备尺寸: 长: 6540mm
宽: 2200mm
高: 2440mm
 - 4、主要耗能: 电源: 220V / 380V / 440V * 3相 * 50 / 60Hz (可选)
电耗: 约30KW (焊接头为瞬时功率不是平均能耗)
气压: 5-6Kg/cm²
循环水: 2-4Kg/cm²

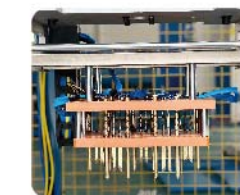
The equipment is mainly composed of 4 stations, the battery transport takes 2 rows of chain transport, battery type change The transmission direction adopts manual adjustment mode;

- 1, short circuit detection station
 - 1) Mode detection of high voltage cross flow;
 - 2) Using a probe as the contact point detection;
 - 3) The detection probe is designed as an adjustable universal mode;
 - 4) The station is configured with the unqualified exit function.
- 2, welding station (1*6 type 2 head)
 - 1) Adopt instantaneous high current fusion welding mode;
 - 2) The equipment is equipped with two stations for wall welding;
 - 3) The welding head of the welding process adopts cylinder lifting, and the left and right movement adopts servo control mode;
 - 4) The welding clamping mode of the equipment adopts hydraulic control mode;
- 3, welding testing station
 - 1) The process is mainly to detect the welding quality;
 - 2) The station is configured with the unqualified exit function;
 - 3) The testing mold of this process is designed for one product and one mold, which is more convenient and rapid replacement.

- Main parameters of equipment
- 1, equipment efficiency ≥3 / min
 - 2, suitable for plastic shell range: length: 187 -- 410mm
Width: 127 -- 176mm
Height: 170 -- 250mm
 - 3, equipment size: length: 6540mm
Width: 2200mm
Height: 2440mm
 - 4, the main energy consumption: Power supply: 220V / 380V / 440V * 3 phase * 50/60Hz (optional)
Power consumption: about 30KW (instantaneous power of welding joint is not average energy consumption)
Air pressure: 5-6Kg/cm²
Circulating water: 2-4Kg/cm²



自动穿壁焊 (经济型)
Automatic wall penetration welding (economical)



1. 无损检测
1. Non-destructive testing



2. 焊接机头
2. Welding head



3. 输送
3. Delivery



4. 不合格退出
4. Exit if unqualified

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment



全自动数控热封机
(1X6型双工位)

Automatic numerical control
heat sealing machine
(Type 1X6 double station)



1.正面
Step 1 Front



2.背面
Step 2: Back

- 1、本设备采取两只电池同时热封模式以提高生产效率；（通用型为单工位）
- 2、本设备配置两套加热板，一套工位使用另外一套换型使用方便加热模具的快速更换；（通用型未配置备用）
- 3、本设备的热封上盖模具固定采取启动自动缩进模式，便于快速更换型号；
- 4、本设备的热封密封、移动定位等均采取伺服控制便于自动换型；
- 5、本设备最大的优点：采用伺服密封热封的强度比传统的气缸密封模式更好。

设备主要参数

- 1、设备效率≥3只/分钟
- 2、适于塑壳范围：长：187—410mm（通用型520mm）
宽：127—176mm（通用型280mm）
高：170—250mm
- 3、设备尺寸：长：2500mm（通用型2300mm）
宽：2800mm（通用型1320mm）
高：1800mm
- 4、主要耗能：电源：220V / 380V / 440V * 3相 * 50 / 60Hz（可选）
电耗：约69KW
压缩空气：5-6Kg/cm²



自动热封机（经济型）
Automatic heat sealing
machine (economical)



1.热封工位
1. Heat sealing station



2.输送
2. Transport

- 1, the device adopts two batteries at the same time heat seal mode to improve production efficiency; (General type is simplex)
- 2, the equipment is equipped with two sets of heating plate, one set of station use another set of change to facilitate the rapid replacement of heating mold; (General type is not configured as spare)
- 3, the equipment of the hot seal cover mold fixed to start automatic indent mode, easy to quickly replace the model;
- 4, The heat sealing and mobile positioning of the equipment are controlled by servo to facilitate automatic change; ,
- 5, the biggest advantage of this equipment: the strength of the servo sealing heat seal is better than the traditional cylinder sealing mode.

Main parameters of equipment

- 1, equipment efficiency ≥3 / min
- 2, suitable for plastic shell range: length: 187 -- 410mm (general type 520mm)
Width: 127 -- 176mm (general purpose 280mm)
Height: 170 -- 250mm
- 3, equipment size: Length: 2500mm (general type 2300mm)
Width: 2800mm (universal 1320mm)
Height: 1800mm
- 4, the main energy consumption: Power supply: 220V / 380V / 440V * 3 phase * 50/60Hz (optional)
Power consumption: about 69KW
Compressed air: 5-6Kg/cm²



数控热封机（通用型）
Numerical control heat
sealing machine (universal)



1.正面
Step 1 Front



2.热封工位
2. Heat sealing
station

- 1、本设备适用于聚丙烯（PP）材质电池壳中盖与底壳，中盖与盖片的合缝密封功能；
- 2、本设备采用特殊铝合金材质制作加热板与热封模具，热传递速度快、温度均匀、热封质量更可靠；
- 3、本设备更换模具与产品尺寸调整相对较为简单而精确，模具采取快插气源，整套更换模式，产品高度调整只需更换四个定位导柱即可；

设备主要参数

- 1、设备效率≥3只/分钟
- 2、适于塑壳范围：长：187—510mm
宽：127—176mm
高：170—250mm
- 3、设备尺寸：长：2300mm
宽：1320mm
高：2100mm
- 4、主要耗能：电源：220V / 380V / 440V * 3相 * 50 / 60Hz（可选）
电耗：约10KW
压缩空气：5-6Kg/cm²

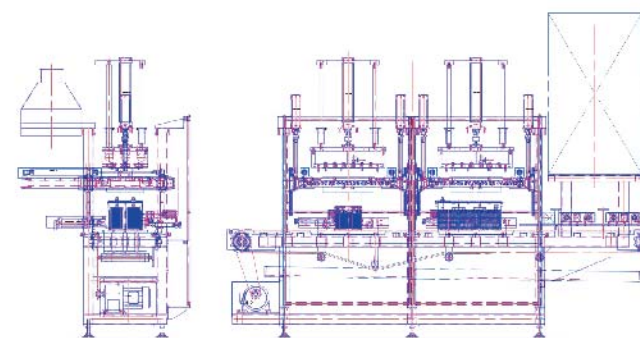
1. this equipment is suitable for polypropylene (PP) material battery shell cover and bottom shell, middle cover and cover sheet joint sealing function;
2. the equipment uses special aluminum alloy material to make heating plate and heat sealing mold, heat transfer speed, uniform temperature, heat sealing quality is more reliable;
3. the equipment to replace the mold and product size adjustment is relatively simple and accurate, the mold adopts fast-insert air source, the whole set of replacement mode, product height adjustment only need to replace four positioning guide pillars;

The main parameters of the equipment

1. equipment efficiency ≥3 / min
2. suitable for plastic shell range: length: 187 -- 510mm
Width: 127 -- 176mm
Height: 170 -- 250mm
3. equipment size: length: 2300mm
Width: 1320mm
Height: 2100mm
4. the main energy consumption: Power supply: 220V / 380V / 440V * 3 phase * 50/60Hz (optional)
Power consumption: about 10KW
Compressed air: 5-6Kg/cm²

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment



小盖热封机

Small cover heat sealing machine

- 1、本设备采取两只电池同时热封模式以提高生产效率；整体骨架采用 SUS316 不锈钢制作，输送为耐酸板链；
- 2、本设备适用于聚丙烯（PP）材质电池壳中盖与小盖的合缝密封功能；

- 3、本设备采用特殊铝合金材质制作加热板与热封模具，热传递速度快、温度均匀、热封质量更可靠；
- 4、本设备更换模具与产品尺寸调整相对较为简单而精确，模具采取快插气源，整套更换模式，产品高度调整只需调整导柱高度即可；

设备主要参数

- 1、设备效率≥3只/分钟
- 2、适于塑壳范围：长：187—510mm
宽：127—280mm
高：170—250mm
- 3、设备尺寸：长：3220mm
宽：1260mm
高：2080mm
- 4、主要耗能：电源：220V / 380V / 440V * 3相 * 50 / 60Hz（可选）
电耗：约10KW
压缩空气：5-6Kg/cm²

- 1, the device adopts two batteries at the same time heat seal mode to improve production efficiency; The whole skeleton is made of SUS316 stainless steel and transported as acid-resistant plate chain;
- 2, the equipment is suitable for polypropylene (PP) material battery shell cover and small cover joint sealing function;

- 3, the equipment uses special aluminum alloy material to make heating plate and heat sealing mold, heat transfer speed, uniform temperature, heat sealing quality is more reliable;
- 4, the equipment to replace the mold and product size adjustment is relatively simple and accurate, the mold adopts fast-insert air source, the whole set of replacement mode, product height adjustment only need to adjust the height of the guide column can be;

Main parameters of equipment

- 1, equipment efficiency ≥3 / min
- 2, suitable for plastic shell range: length: 187 -- 510mm
Width: 127 -- 280mm
Height: 170 -- 250mm
- 3, equipment size: length: 3220mm
Width: 1260mm
Height: 2080mm
- 4, the main energy consumption: Power supply: 220V / 380V / 440V * 3 phase * 50/60Hz (optional)
Power consumption: about 10KW
Compressed air: 5-6Kg/cm²

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment



数控端子烧焊机(1X6型双工位)
CNC terminal welding machine
(1X6 type double station)



数控端子焊 (1X6型双工位碳棒式)
CNC terminal welding (1X6 type
double station carbon rod type)



1.碳棒式
1. Carbon rod type



2.火焰旋转式
2. Flame revolving type

- 1、本设备为极柱端子焊接机，主要通过碳棒或者火焰旋转式融化集群极柱与电池极柱套的密封连接；
- 2、本设备的焊枪升降、左右移动均采用伺服控制，以达到数控要求；
- 3、本设备的模具采取恒温循环水冷却，以避免模具温度过高烫伤塑壳等不良产品的出现。

设备主要参数

- 1、设备效率≥3只/分钟
- 2、适于塑壳范围：长：187—410mm
宽：127—176mm
高：170—250mm
- 3、设备尺寸：长：2500mm
宽：1500mm
高：2160mm
- 4、主要耗能：电源：220V / 380V / 440V * 3相 * 50 / 60Hz (可选)
电耗：约12.6KW
压缩空气：5-6KGf/cm²
循环水：2.5L/min
氧气：300—450Kpa
天然气：20—50Kpa

- 1, the device is a pole terminal welding machine, mainly through the carbon rod or flame rotating melting cluster pole and battery pole sleeve sealing connection;
- 2, the equipment of the welding torch lifting, left and right movement are servo control, in order to meet the numerical control requirements;
- 3, the mold of the equipment adopts constant temperature circulating water cooling to avoid the mold temperature is too high to burn the appearance of bad products such as plastic shell.

Main parameters of equipment

- 1, equipment efficiency ≥3 / min
- 2, suitable for plastic shell range: length: 187 -- 410mm
Width: 127 -- 176mm
Height: 170 -- 250mm
- 3, equipment size: length: 2500mm
Width: 1500mm
Height: 2160mm
- 4, the main energy consumption: Power supply: 220V / 380V / 440V * 3 phase * 50/60Hz (optional)
Power consumption: about 12.6KW
Compressed air: 5-6KGf/cm²
Circulating water: 2.5L/min
Oxygen: 300 -- 450Kpa
Natural gas: 20 -- 50Kpa

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment



自动端子焊 (通用型)
Automatic terminal
welding (Universal)



自动端子焊 (1X6单工位)
Automatic terminal
welding (1X6 simplex)



1.烧焊工位
1. Burn the welding station



2.通用型烧焊工位
2. Universal type welding station



3.升降平台
3. Lifting platform



4.水箱
4: Water tank

- 1、本设备为极柱端子焊接机，主要通过火焰融化集群极柱与电池极柱套的密封连接；
- 2、本设备的焊枪升降采用伺服控制、左右、前后移动采取手动调节，高度调节采用可调气缸；
- 3、本设备的模具采取恒温循环水冷却，以避免模具温度过高烫伤塑壳等不良产品的出现。
- 4、通用型则适用1*6/2*3；

设备主要参数

- 1、设备效率≥3只/分钟
- 2、适于塑壳范围：长：187—510mm
宽：127—176mm
高：170—250mm
- 3、设备尺寸：长：1600mm (通用型：2500mm)
宽：1100mm (通用型：1500mm)
高：2000mm (通用型：2000mm)
- 4、主要耗能：电源：220V / 380V / 440V * 3相 * 50 / 60Hz (可选)
电耗：约3KW
压缩空气：5-6KGf/cm²
循环水：2.5L/min
氧气：300—450Kpa
天然气：20—50Kpa

- 1, the device is a pole terminal welding machine, mainly through the flame melting cluster pole and battery pole sleeve sealing connection;
- 2, the lifting of the welding torch of this equipment adopts servo control, manual adjustment is adopted for moving left and right, front and back, and adjustable cylinder is adopted for height adjustment;
- 3, the mold of the equipment adopts constant temperature circulating water cooling to avoid the mold temperature is too high to burn the appearance of bad products such as plastic shell.

4, general type is applicable to 1*6/2*3;

Main parameters of equipment

- 1, equipment efficiency ≥3 / min
- 2, suitable for plastic shell range: length: 187 -- 510mm
Width: 127 -- 176mm
Height: 170 -- 250mm
- 3, equipment size: length: 1600mm (general type: 2500mm)
Width: 1100mm (general type: 1500mm)
Height: 2000mm (general type: 2000mm)
- 4, the main energy consumption: Power supply: 220V / 380V / 440V * 3 phase * 50/60Hz (optional)
Power consumption: about 3KW
Compressed air: 5-6KGf/cm²
Circulating water: 2.5L/min
Oxygen: 300 -- 450Kpa
Natural gas: 20 -- 50Kpa

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment



数控添铅端子焊
CNC add lead
terminal welding

- 1、本设备适用于大电流释放的电池端子焊接，可实现端子焊接时自动补铅堆高极柱；
- 2、本设备有二个工作位：实现自动添铅焊接；换型宽度自动调节；
- 3、本设备铅丝采取伺服控制定量供铅模式，精确度±1.0mm；
- 4、本设备同样适用不添铅产品（关闭供铅功能即可），一机多用；
- 5、本设备其他的烧焊原理以及烧焊特性等与端子烧焊机一致；

设备主要参数

- 1、设备效率：不添铅≥2.5只/分钟
(添铅≥1只/分钟)
- 2、适于塑壳范围：长：187—520mm
宽：127—280mm
高：170—300mm
- 3、设备尺寸：长：2200mm
宽：1500mm
高：2000mm
- 4、主要耗能：电源：220V / 380V / 440V * 3相 * 50 / 60Hz (可选)
电耗：约5KW
压缩空气：5-6KGf/cm²
循环水：2.5L/min
氧气：300—450Kpa
天然气：20—50Kpa

1. This device is suitable for welding of battery terminals with high current release, which can realize automatic filling of lead stacking pole during terminal welding;
- 2, the equipment has two stations: automatic lead welding; automatic change width adjustment;
- 3, the equipment adopts servo control quantitative lead supply mode, accuracy ±1.0mm;
- 4, this equipment is also suitable for products without lead (turn off the lead function), a multi-purpose machine;
- 5, the other welding principle and welding characteristics of the equipment are consistent with the terminal welding machine;

Main parameters of equipment

1. Equipment efficiency : No lead added ≥2.5 PCS/min (Add lead ≥1 piece/min)
- 2, suitable for plastic shell range: length: 187 -- 520mm
Width: 127 -- 280mm
Height: 170 -- 300mm
- 3, equipment size: length: 2200mm
Width: 1500mm
Height: 2000mm
- 4, the main energy consumption: Power supply: 220V / 380V / 440V * 3 phase * 50/60Hz (optional)
Power consumption: about 5KW
Compressed air: 5-6KGf/cm²
Circulating water: 2.5L/min
Oxygen: 300 -- 450Kpa
Natural gas: 20 -- 50Kpa



1. 烧焊工位
1. Burn the welding station



2. 自动供铅
2. Automatic lead supply



3. 宽度自动调节
3. Automatic width adjustment

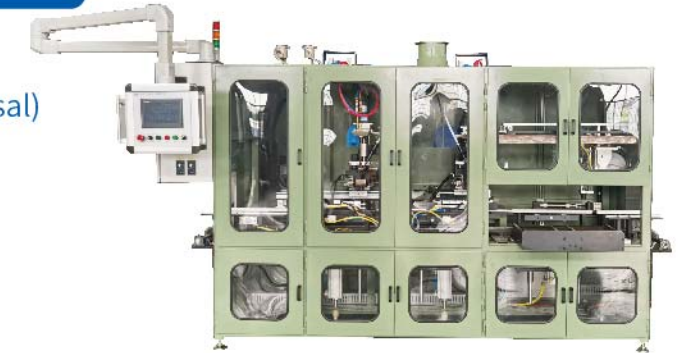
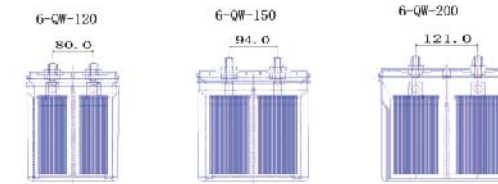


4. 水箱
4: Water tank

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment

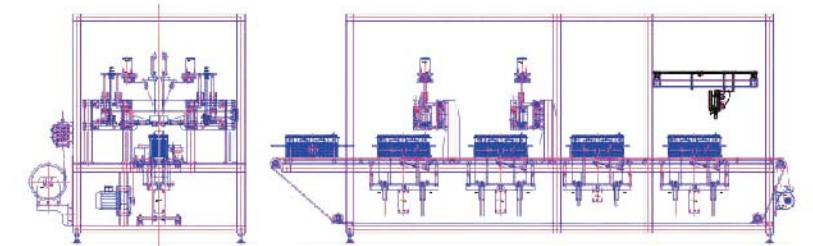
添铅型端子烧焊机（通用型）
Leaded terminal welding machine (universal)



- 1、本设备适用于大电流释放的电池端子焊接，可实现端子焊接时自动补铅堆高极柱；
- 2、本设备有四个工位：第一、二工位可实现自动添铅焊接；第三、四工位为端子高度检测工位，不合格退出；（可根据客户需求配置多工位添铅）
- 3、本设备铅丝采取伺服控制定量供铅模式，精确度±1.0mm；
- 4、本设备同样适用不添铅产品（关闭供铅功能即可），一机多用；
- 5、本设备其他的烧焊原理以及烧焊特性等与端子烧焊机一致；

二、设备主要参数

- 1、设备效率：不添铅≥3只/分钟（添铅≥2只/分钟）
- 2、适于塑壳范围：长：187—520mm
宽：127—280mm
高：170—300mm
2*3 正负极柱中心≥80mm
- 3、设备尺寸：长：3000mm
宽：1200mm
高：2200mm
- 4、主要耗能：电源：220V / 380V / 440V * 3相 * 50 / 60Hz (可选)
电耗：约5KW
压缩空气：5-6KGf/cm²
循环水：2.5L/min
氧气：300—450Kpa
天然气：20—50Kpa



1. This device is suitable for welding of battery terminals with high current release, which can realize automatic filling of lead stacking pole during terminal welding;
- 2, the equipment has four stations: the first and second stations can realize automatic lead welding; The third and fourth station is the terminal height detection station, and the unqualified exit; (Can be configured according to customer needs multi-station add lead)
- 3, the equipment adopts servo control quantitative lead supply mode, accuracy ±1.0mm;
- 4, this equipment is also suitable for products without lead (turn off the lead function), a multi-purpose machine;
- 5, the other welding principle and welding characteristics of the equipment are consistent with the terminal welding machine;

Second, the main parameters of the equipment

- 1, equipment efficiency :No lead add ≥3 pieces/min (Add ≥2 pieces/min)
- 2, suitable for plastic shell range: length: 187 -- 520mm
Width: 127 -- 280mm
Height: 170 -- 300mm
2*3 positive and negative column center ≥80mm
- 3, equipment size: length: 3000mm
Width: 1200mm
Height: 2200mm
- 4, the main energy consumption: Power supply: 220V / 380V / 440V * 3 phase * 50/60Hz (optional)
Power consumption: about 5KW
Compressed air: 5-6KGf/cm²
Circulating water: 2.5L/min
Oxygen: 300 -- 450Kpa
Natural gas: 20 -- 50Kpa

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment



数控气密检测机 (带称重)
CNC airtight testing machine (with weighing)



数控气密机 (通用型)
CNC airtight machine (Universal)



1. 气密检测工位
1. Airtight test station



2. 电池称重 (可选)
2. Battery weighing (optional)



3. 不合格退出工位
3. Quit the work station if unqualified



4. 激光打码
4. Laser coding

- 1、本设备为多功能气密检测机，设计有四个工位：1、2工位为气密检测；3工位为电池称重工位；4工位为不合格退出工位；（通用型未配置称重功能）
- 2、其中电池称重工位可以根据客户要求配置日期记录等功能；
- 3、该设备的气密检测仪能够记忆每一个单格的压力数据；
- 4、本设备的输送导向均采用自动调节功能，方便换型自动。

设备主要参数

- 1、设备效率≥3只/分钟；
- 2、适于塑壳范围：长：187—410mm
宽：127—176mm
高：170—250mm
- 3、设备尺寸：长：4300mm
宽：1600mm
高：2000mm
- 4、主要耗能：电源：220V / 380V / 440V * 3相 * 50 / 60Hz（可选）
电耗：约5KW
压缩空气：5-6Kg/cm²

- 1, this equipment is a multi-functional airtight testing machine, designed with four stations: 1, 2 stations for airtight testing; 3 station for battery weighing station; 4 The station is unqualified to quit the station; (Universal type is not configured with weighing function)
- 2, the battery weighing station can be configured according to customer requirements date recording and other functions;
- 3, the equipment's airtight detector can remember the pressure data of each single cell;
- 4, the transmission guidance of the equipment are automatic adjustment function, easy to change the automatic.

Main parameters of equipment

- 1, equipment efficiency ≥3 / min;
- 2, suitable for plastic shell range: length: 187 -- 410mm
Width: 127 -- 176mm
Height: 170 -- 250mm
- 3, equipment size: length: 4300mm
Width: 1600mm
Height: 2000mm
- 4, the main energy consumption: Power supply: 220V / 380V / 440V * 3 phase * 50/60Hz (optional)
Power consumption: about 5KW
Compressed air: 5-6Kg/cm²

产品介绍 Product introduction

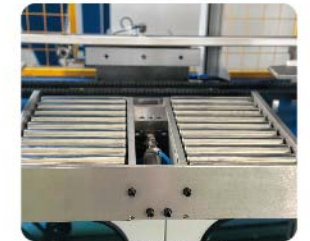
设备主要特性 Main characteristics of equipment



自动气密机 (经济型)
Automatic airtight machine (economical)



1. 气密检测工位
1. Airtight test station



2. 不合格退出工位
2. Exit the work station if unqualified



3. 激光打码工位
3. Laser coding station

- 1、本设备为多功能气密检测机，设计有三个工位：1、2工位为气密检测；3、激光打码和不合格退出工位；
- 2、该设备的气密检测仪能够记忆每一个单格的压力数据；

设备主要参数

- 1、设备效率≥3只/分钟；
- 2、适于塑壳范围：长：187—410mm
宽：127—176mm
高：170—250mm
- 3、设备尺寸：长：2990mm
宽：1540mm
高：2000mm
- 4、主要耗能：电源：220V / 380V / 440V * 3相 * 50 / 60Hz（可选）
电耗：约0.4KW
压缩空气：5-6Kg/cm²

- 1, this equipment is a multi-functional airtight testing machine, designed with three stations: 1, 2 stations for airtight testing; 3, laser coding and unqualified exit station;

- 2, the equipment's airtight detector can remember the pressure data of each single cell;

Main parameters of equipment

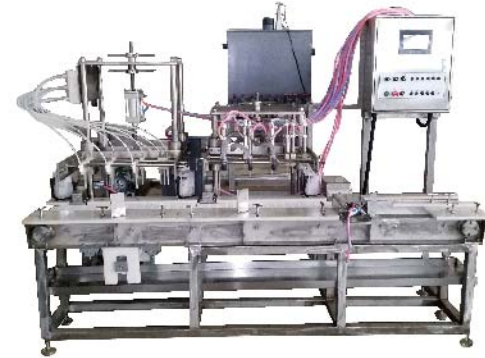
- 1, equipment efficiency ≥3 / min;
- 2, suitable for plastic shell range: length: 187 -- 410mm
Width: 127 -- 176mm
Height: 170 -- 250mm
- 3, equipment size: length: 2990mm
Width: 1540mm
Height: 2000mm
- 4, the main energy consumption: Power supply: 220V / 380V / 440V * 3 phase * 50/60Hz (optional)
Power consumption: about 0.4KW
Compressed air: 5-6Kg/cm²

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment



灌酸检测一体机
Irrigation acid detection machine



灌酸机
Acid irrigation machine

- 1、本设备适合PE/PVC/玻璃纤维隔板电池的化成加酸与出厂前的加酸使用；
- 2、本设备的灌酸模式采用重力灌酸法，酸量采取时间来定量控制；
- 3、本设备的酸量一致性采取真空抽酸调整，吸嘴根据电池高度设置同一水平，然后把多余的酸量进行抽取；
- 4、本设备的抽酸泵采用美国进口酸泵；
- 5、本设备的产品定量预计运行采用PLC控制系统；
- 6、本设备的原材料全部采取耐酸材质：316L不锈钢和PVC/PP；
- 7、能耗与气源：总功率：19KW；压缩空气：5-76Kg/cm²；
- 8、灌酸速度：根据灌酸量100AH以下为6只/分钟，100AH以上为4只/分钟；
- 9、设备尺寸和重量：L:2580mm，W:1780mm，H:1908mm；重量：600Kg；
- 10、可以根据需求配置灌酸、液面调整、液面检测一体机，用于出厂前灌酸；
- 11、液面检测采取光度检测法，单格间的误差控制在±1mm；配置不合格退出工位；
- 12、设备尺寸和重量：L:5200mm，W:1780mm，H:1908mm；重量：1000Kg。

- 1, this equipment is suitable for PE/PVC/ glass fiber separator battery formation acid and acid before the factory use;
2. The irrigation mode of the equipment adopts gravity irrigation method, and the acid quantity is quantitatively controlled by time;
3. The consistency of the acid content of the equipment is adjusted by vacuum extraction, and the nozzle is set at the same level according to the height of the battery, and then the excess acid is extracted;
4. The acid pump of this equipment adopts the acid pump imported from the United States;
- 5, the equipment of the product quantitative expected operation using PLC control system;
- 6, the raw materials of this equipment are all acid-resistant materials: 316L stainless steel and PVC/PP;
- 7, energy consumption and air source: total power: 19KW; Compressed air: 5-76Kg/cm²;
- 8, acid irrigation speed: according to the amount of acid irrigation of 100AH below 6 / min, 100AH above 4 / min;
- 9, equipment size and weight: L:2580mm, W:1780mm, H:1908mm; Weight: 600Kg;
- 10, can be configured according to the needs of acid irrigation, liquid level adjustment, liquid level detection machine, used for acid irrigation before delivery;
- 11, liquid level detection adopts photometric detection method, the error between the single cell is controlled at ±1mm; The configuration is not qualified to exit the station;
- 12, equipment size and weight: L:5200mm, W:1780mm, H:1908mm; Weight: 1000Kg.

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment

倒酸机
Acid pour machine



- 1、本设备为电池化成之后，对电池内的电解液进行倾倒作业；
- 2、本设备材质采用316L不锈钢和PVC（PP）；
- 3、本设备采取齿轮旋转实现倒酸；
- 4、能耗与气源：总功率：1.9KW；
压缩空气：5-6KGf/cm²
- 5、本设备适用范围：12V40AH—12V200AH；
- 6、倒酸效率：4—9只/分钟；
- 7、设备尺寸与重量：L:3650mm，W: 1500mm，H:1700mm；
重量：1000Kg。

1. After the battery is formed, the device dumps the electrolyte in the battery;
- 2, the equipment is made of 316L stainless steel and PVC (PP);
- 3, the equipment adopts gear rotation to achieve acid pouring;
- 4, energy consumption and air source: total power: 1.9KW;
Compressed air: 5-6KGf/cm²
- 5, the scope of application of the equipment: 12V40AH -- 12V200AH;
- 6, pour acid efficiency: 4 -- 9 / min;
- 7, equipment size and weight: L:3650mm, W: 1500mm, H:1700mm;
Weight: 1000Kg.

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment



浇铸板栅机
Casting grid machine



管式板栅压铸机
Tubular grid die casting machine

- 1、特别适用于铸造铅钙和铅锑合金的蓄电池板栅；
- 2、通过水冷却和恒温控制电热器来确保模具，铅勺和输铅管精确的控制温度。
- 3、回料输送带可使边角料自动回到熔铅炉中；
- 4、板栅传送部位合理的距离和堆叠设计，避免板栅因碰撞而发生变形；
- 5、熔铅炉可以熔放铅锭1-3吨；
- 6、生产速度：每分钟可以生产8-12双片板栅（依合金种类、板栅厚度而定）；
- 7、电源要求：220V/380V,三相，50HZ（按要求）；
- 8、额定功率：14.85KW；
- 9、标准气压：5-7KG/cm²
- 10、耗水量：200L/H；
- 11、设备尺寸：L:4343mm；W:2037mm；H:1850mm；
- 12、设备重量：1400Kg（不含熔铅炉）。

- 1, especially suitable for casting lead-calcium and lead-antimony alloy battery grid;
- 2, through the water cooling and thermostatic control of the electric heater to ensure mold, lead spoon and lead pipe precise control temperature.
- 3, the return conveyor belt can automatically return the scrap material to the lead melting furnace;
4. Reasonable distance and stack design of grid transmission parts to avoid deformation of grid due to collision;
5. Lead melting furnace can melt 1-3 tons of lead ingot;
- 6, production speed: can produce 8-12 double grating per minute (depending on the type of alloy, grating thickness);
- 7, power requirements: 220V/380V, three-phase, 50HZ (as required);
- 8, rated power: 14.85KW;
- 9, standard air pressure: 5-7KG/cm²
- 10, water consumption: 200L/H;
- 11, equipment size: L:4343mm; W:2037mm; H:1850mm;
12. Equipment weight: 1400Kg (excluding lead melting furnace).

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment



极板表面干燥机
Plate surface dryer

功能：用于涂板后极板快速干燥
核心优势：

- 1: 比传统表面干燥机节能50%以上；
- 2: 在保证干燥效果前提下，失水率比传统表面干燥机显著降低；
- 3: 节省场地，现场整洁（无蒸汽管道等）

主要技术参数：

- 1: 装机功率：72KW；
- 2: 实际工作功率：40-50KW；
- 3: 生产效率：100-150片/每分钟；
- 4: 外形尺寸：8300mm*820mm*1150mm。

Function: For fast drying of plate after coating
Core advantage:

- 1: more than 50% energy saving than the traditional surface dryer;
- 2: Under the premise of ensuring the drying effect, the water loss rate is significantly reduced than the traditional surface dryer;
- 3: Save the site, clean the site (no steam pipe, etc.)

Main technical parameters:

- 1: Installed power: 72KW;
- 2: Actual working power: 40-50KW;
- 3: Production efficiency: 100-150 pieces/minute;
- 4: Overall size: 8300mm*820mm*1150mm.

功能：用于化成清洗后极板快速干燥机

介绍：1、整体设备利用加厚保温材质制造；

- 2、分片通过吸盘模式（环形鼓风机负压+吸尘除尘装置）；
- 3、为了提高效率采取双通道模式且左右间距可根据极板宽度可调；
- 4、气体燃烧生热然后通过垂直鼓风机将热能均匀辐射到极板，达到快速干燥；

设备参数：功率:10KW(380VAC,50HZ);

- 生产效率：约25钟/炉（温度、速度可调）；
外形尺寸：9000mm*1140mm*1756mm。

Function: It is used as a fast drying machine for plate after formation and cleaning

- Introduction: 1. The whole equipment is made of thickened insulation material;
- 2, fragment through the suction cup mode (ring blower negative pressure + suction dust removal device);
 - 3, in order to improve the efficiency of the dual-channel mode and the left and right spacing can be adjusted according to the width of the plate;
 4. Gas combustion generates heat and then radiates heat evenly to the plate through vertical blast to achieve rapid drying;

Equipment parameters: Power :10KW(380VAC,50HZ);

Production efficiency: about 25 hours/furnace (temperature, speed adjustable);

Overall dimensions: 9000mm*1140mm*1756mm



正极板干燥燃烧机
Positive plate dry burner

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment

- 1、本组线适用于2V管式电池的生产组装功能；
- 2、半自动手工烧焊生产线配置：集群输送带；烧焊夹具与入槽一体机工作台；2V热封机；压皮圈机；气密检测机；烙印机（可选）；输送带链接；
- 3、自动汇流排烧焊机配置：集群输送自动入夹具；自动夹具翻转；自动汇流排烧焊机；集群整理入槽机；夹具回转线；热封机；码垛机等。



- 1、本设备为全自动烧汇流排，全自动入塑壳的生产组线；
- 2、本设备适用于中大密电池（2V;4V;6V）的汇流排烧焊与组装；
- 3、本设备的烧汇流排采取夹具循环周转使用模式；
- 4、本设备的主要配置：自动烧焊机；自动入槽机；高压短路检测机；热封机；热封溢料平整机；端子烧焊机；气密检测机；自动输送带等（所有单机设备可以根据生产产品定型进行选择配置）；
- 5、本设备实际安全环保部分均采取全封闭环保以及安全防护罩等措施；设计铅尘、铅烟，热封废气等均采取自动化操作，预留抽风接口；
- 6、效率：以500AH叉车电池为标准，1.5只-2.0只/分钟。



1.自动汇流排烧焊机
1. Automatic bus welding machine



2.高压检测
2. High voltage detection



3.热封机
3. Heat sealing machine



4.端子焊
4. Terminal welding



5.气密性检测机
5. Air tightness detection machine



6.热封溢料削边机
6. Heat seal overflow edging machine

2V工业电池自动组线
2V industrial battery automatic assembly

2V半自动装配线
2V semi-automatic assembly line

工业电池自动组线
Industrial battery automatic assembly line

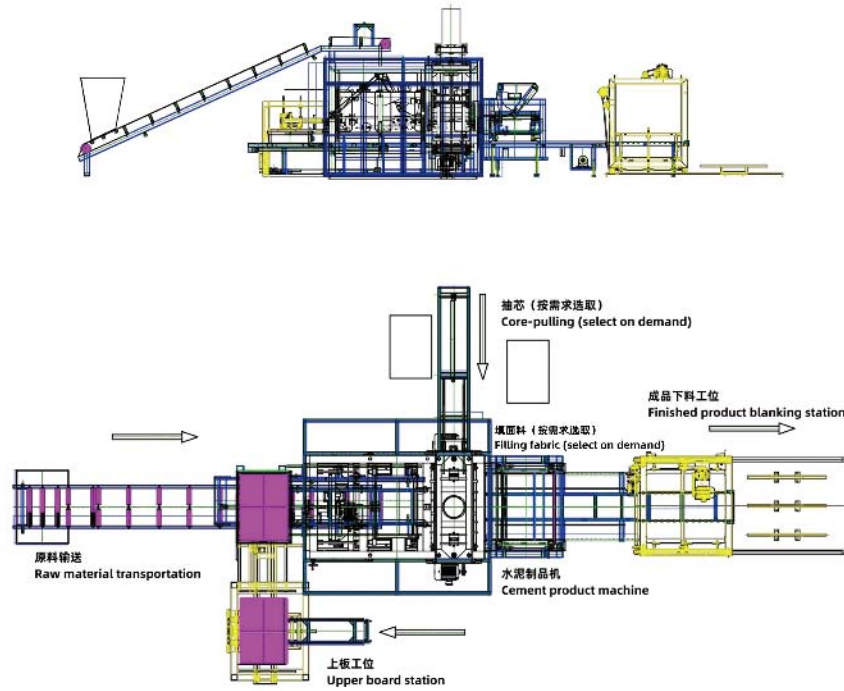
1. This assembly line is suitable for the production and assembly function of 2V tubular batteries;
- 2, semi-automatic manual welding production line configuration: cluster conveyor belt; Welding jig and slot machine table; 2V heat sealing machine; Leather ring press; Airtight testing machine; Branding machine (optional); Conveyor belt link;
- 3, automatic bus welding machine configuration: cluster conveying automatic fixture; Automatic fixture turnover; Automatic bus welding machine; Cluster sorting machine; Jig turning line; Heat sealing machine; Palletizer, etc

This equipment is the production and assembly line of automatic firing bus and automatic plastic shell.

2. This device is suitable for large and medium dense battery (2V; 4V; 6V) bus welding and assembly;
3. The burning bus of the equipment adopts the fixture circulation and turnover mode;
4. The main configuration of the equipment: automatic welding machine; Automatic slotting machine; High voltage short circuit detection machine; Heat sealing machine; Heat seal overflow flattener; Terminal welding machine; Airtight testing machine; Automatic conveyor belt, etc. (all single equipment can be selected and configured according to the production product type);
5. The actual safety and environmental protection parts of the equipment are fully closed environmental protection and safety protective cover measures; The design of lead dust, lead smoke, heat sealed waste gas, etc. are automated operation, reserved air extraction interface;
6. Efficiency: 500AH forklift battery as the standard, 1.5-2.0 / min.

产品介绍 Product introduction

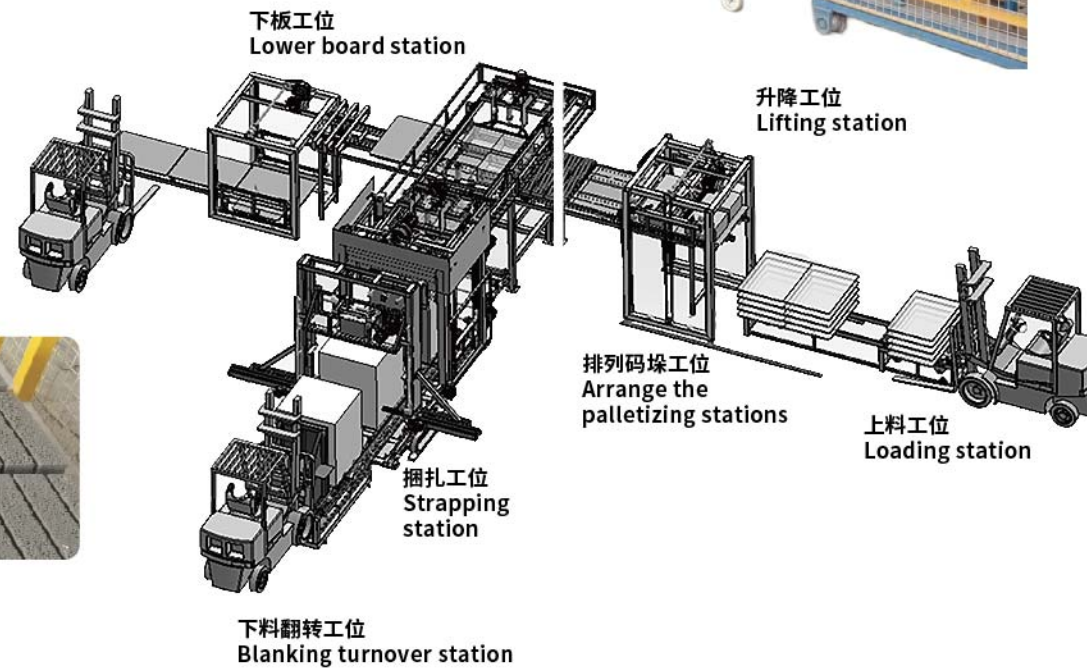
设备主要特性 Main characteristics of equipment



水泥制品线
Cement product line



水泥制品打包线
Cement products packaging line



水泥制品线由以下几部分组成：上板机、上料输送带、水泥制品机（振动+液压模式）可根据产品需求选配抽芯机构、填面料机+搅拌+上料输送机（可选）、产品下料机。

水泥制品打包线由以下几部分组成：上料输送带、上料升降机、排列输送带、码垛机、自动捆扎机（可选）、下料翻转机（可选）、下板叠片机。

适用范围：空心砖、多孔砖、标准砖、护坡砖等等

制品托板尺寸：940*1275*30；

码垛托板尺寸：1200*1200*20；

水泥制品线线体尺寸：16000*7600*3860；

水泥制品打包线线体尺寸：16700*10500*3360

The cement product line is composed of the following parts: loading machine, loading conveyor belt, cement product machine (vibration + hydraulic mode) can be selected according to the product demand core pulling mechanism, fabric filling machine + mixing + loading conveyor (optional), product feeding machine.

The packing line of cement products consists of the following parts: loading conveyor belt, loading elevator, arranging conveyor belt, palletizer, automatic bundling machine (optional), unloading turning machine (optional), and lower plate stacker.

Scope of application: hollow brick, porous brick, standard brick, slope protection brick, etc

Product plate size: 940*1275*30;

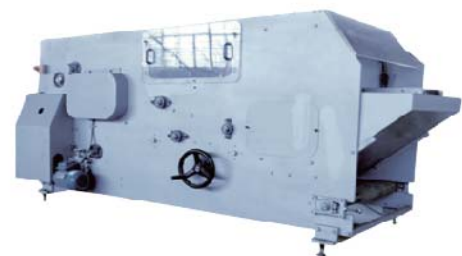
Palletizing plate size: 1200*1200*20;

Cement product line size: 16000*7600*3860;

Cement product packing line size: 16700*10500*3360

产品介绍 Product introduction

设备主要特性 Main characteristics of equipment



耳刷切割机
Ear brush cutter

- 1、本设备为两联片极板分板与刷耳机;
- 2、本设备可确保产品质量与生产效率,设备配置合适的吸尘系统后,将会做到无尘,清洁的操作环境;设备自带环保置子与环保接口,方便与外界环保对接;34、配置4套胶轮刷,上下刷干净极耳的余膏等,能够提高烧焊与铸焊质量;
- 12个半圆形刀片组合成三套切刀,采取上下刀片咬合滚剪5、模式,两套刀片作用是剪齐极耳,中间一套作用是两片极板进行分离;
- 极板的尺寸调整只要几分钟就能够完成,本设备的调整均6采取联动模式;1生产速度:每分钟分板100片-120片;
- 8、电相与能耗:380V三相四线,50Hz;(或按照客户要求总功率:12KW;
- 9、能源与能耗耗:压缩空气:5~6Kg/cm² ;
真空压力(MAX):2900/3000
- 10、设备尺寸与重量:L:2600mm;W:1000mm ;
- 11、极板适应范围:
H:1350mm;重量约:1500Kg。
宽度(W)178mm-356mm:
高度(H)80mm-165mm ;
厚度(T)1mm-4mm。

- 1, the device is a two-link plate splitter and brush headset;
- 2, the equipment can ensure product quality and production efficiency, equipment equipped with a suitable dust suction system, will be dust-free, clean operating environment;
The equipment comes with environmental protection device and environmental protection interface, which is convenient to connect with the external environmental protection; 34, configure 4 sets of rubber wheel brush, brush up and down the pole ear of the residual paste, etc., can improve the quality of welding and casting welding;
- The 12 semi-circular blades are combined into three sets of cutting knives, and the upper and lower blades are occlusive rolling shear mode. The function of the two sets of blades is to cut the pole ear, and the function of the middle set is to separate the two plates.
The size adjustment of the plate can be completed in just a few minutes, and the adjustment of the equipment 6 adopts linkage mode; 1 Production speed: 100-120 pieces per minute;
- 8, phase and energy consumption :380V three-phase four-wire, 50Hz; (or according to customer requirements total power :12KW;
- 9, energy and energy consumption: compressed air :5~6Kg/cm² ;
Vacuum pressure (MAX):2900/3000
- 10, equipment size and weight :L:2600mm; W:1000mm ;
- 11, plate adaptation range:
H:1350mm; Weight :1500Kg.
Width (W)178mm-356mm:
Height (H)80mm-165mm;
Thickness (T)1mm-4mm

ABOUT US 关于我们



湖州新予科机电有限公司成立于2021,公司位于浙江省湖州市长兴县开发区南太湖产业集聚区绿色智能制造产业园。是一家专业从事中大密铅酸蓄电池制造设备的研发、生产、销售、服务于一体的自动化企业。

公司凭借研发、生产、销售、售后服务优势,已与多家企业合作包括风帆、骆驼、巨江、奥沃森、南都、理士、杰斯特、超威、成光等境内外企业。

公司秉承服务于装备产业自动化,专注于工艺技术革新。目标:坚持创新,以显才智,善于赋予,收获智慧,为本宇科,坚持成智,务实求是,共赢智造。

Founded in 2021, Huzhou Xinyuke Electromechanical Co., Ltd. is located in Green intelligent Manufacturing Industrial Park, South Taihu Industrial Agglomeration Zone, Changxing County, Huzhou City, Zhejiang Province. It is an automation enterprise specializing in research and development, production, sales and service of medium and large dense lead-acid battery manufacturing equipment.

With the advantages of research and development, production, sales and after-sales service, the company has cooperated with many enterprises, including Fengfan, Camel, Jujiang, Orwatson, Nandu, Lishi, Jeste, Chaowei, Chengguang and other domestic and foreign enterprises.

The company adheres to the service of equipment industry automation, focusing on process technology innovation. Goal: Adhere to innovation, to show intelligence, good at giving, harvest wisdom, for the Yuke, adhere to wisdom, pragmatic and realistic, win-win wisdom.