

Technical specification

Machine Name: Fully automatic acid leveling machine 全自动液面调整机

一	basic information 基本说明		备注
1	Suitable battery dimension 适用电池尺寸范围	L*W*H Max: 525mm×265mm×420mm Min: 185mm×125mm×175mm (长×宽×高) 最大525mm×265mm×420mm 最小185mm×125mm×175mm	
2	Maximum Capacity 理论最大产能	2 pcs/min (calculated by 12V 60Ah battery) 2只/min (以12v/60Ah计)	
3	Power supply 电源及功率	AC380V, 50HZ; 1.5KW	
4	Air supply 气源及用量	0.6MPa 0.05m ³ /min,	
5	Machine Overall Dimension 设备外形尺寸	(L*W*H) 1300mm×1350mm×2050mm Conveyor length: 1900mm (长×宽×高) 约1300mm×1350mm×2000mm 滚道长约1300mm	
6	Conveyor format 输送形式	K12 plastic chain board K12塑料链板	
7	Conveyor speed 输送速度	220mm/s	
8	Worktable height 工作台高度	780±30mm	
9	Acid level precision 液面精度	±1mm	
10	Work positions 设备工位数	One Work positions 一个工位	
11	Frame material 机架材质	SS316L	
12	Machine movement direction 设备方向	<input type="checkbox"/> From left to right, <input type="checkbox"/> From right to left <input type="checkbox"/> 从左到右, <input type="checkbox"/> 从右到左	
13	Machine color 设备颜色	Nature color 本色	
二	Function description 功能说明		
	<p>Start-up maintenance-free battery after the formation of liquid surface adjustment, the use of special materials, vacuum generator, vacuum acid extraction, acid reflux back to the next acid tank, acid pump acid from the acid to play, through the distributor to each grid uniform fill Acid, parameters (can store 10 groups) can be set through the man-machine interface.</p> <p>起动型免维护电池化成后的液面调整, 采用特殊材料的真空发生器, 真空抽酸, 抽出的酸回流到下酸箱, 酸泵从下酸箱打酸, 通过分配器向每格均匀补酸, 参数(可存储10组)可以通过人机界面设定。</p>		
三	Main parts 主要零部件		

1	Pneumatic components: AIRTAC Solenoid valve: SHAKO 气动元件: AIRTAC; 电磁阀: SHAKO。	
2	Gear motor: china make 减速电机: 国产	
3	Main electrical parts:: PLC (MITSUBISHI)、Touch screen (MITSUBISHI) 主要电气元器件: PLC (MITSUBISHI)、触摸屏 (MITSUBISHI)	
四	Spare parts with machine 随机配件	
	2pcs nozzle,2 meters latex pipe 注酸嘴2只; 乳胶管2米	
五	Necessary data from customer 需客户提供资料	
	Battery outside drawing and battery material 电池壳盖图纸和实物	
厂家确认回执(BUYER):		单位名称(章)(SELLER)

Technical specification

Machine Name: Full automatic Acid filling machine全自动定量灌酸机

一	Basic information基本说明		Remark
1	Suitable battery dimension 适用电池尺寸范围	L*W*H Max: 525mm×265mm×420mm Min: 185mm×125mm×175mm (长x宽x高) 最大525mm×265mm×420mm 最小185mm×125mm×175mm	
2	Maximum Capacity 理论最大产能	1 pcs/min (calculated by 12V 60Ah battery)	
3	Power supply 电源及功率	AC380V, 50HZ; 1.5KW	
4	Air supply 气源及用量	0.6MPa 0.05m ³ /min,	
5	Machine Overall Dimension 设备外形尺寸	(L*W*H) 1300mm×1200mm×2900mm Conveyor length: 1300mm (长x宽x高) 约1300mm×1200mm×2900mm 滚道长约1300mm	
6	Conveyor format 输送形式	K12 plastic chain board K12塑料链板	
7	Conveyor speed 输送速度	220mm/s	
8	Worktable height 工作台高度	780±30mm	
9	Work positions 设备工位数	One work positions一个工位:	
10	Acid quantity 灌酸量	200-2500ml	
11	Acid precision 灌酸精度	±1%FS	
12	Machine movement direction 设备方向	<input type="checkbox"/> From left to right, <input type="checkbox"/> From right to left <input type="checkbox"/> 从左到右, <input type="checkbox"/> 从右到左	
13	Frame material 机架材质	316L	
14	Machine color 设备颜色	stainless steel color 不锈钢本色	
二	Function description功能说明		
	<ol style="list-style-type: none"> For battery into the previous acid-filling; 用于电池化成前一次灌酸; Into the acid should be set up filter device; various types of electronic control components should be anti-acid treatment, control box switch flexible and should be anti-acid, long-term use is not deformed 进酸口应设置过滤装置; 各类电控部件应进行防酸处理, 控制箱开关灵活且应防酸, 长时期使用不变形; According to the volume of acid, the method of acid addition is quick and convenient. The whole process is controlled by PLC, touch panel operation, with sound alarm function. Acid tank capacity ≥ 300L, acid storage tank should be liquid level instructions, acid surface should be automatically controlled, 		

	<p>into the acid should be set up filter device, acid pump using magnetic drive pump. Magnetic pump should be fixed and connected with a hard tube; 加酸方式采用容积定量，且加酸速度快定量准确，不同电池加酸量调整快捷方便，全过程由PLC控制，触摸面板操作，具有声音报警功能。储酸罐容量≥300L，储酸罐应有液位指示，酸液位面应自动控制，进酸口应设置过滤装置，耐酸泵采用磁力驱动泵。磁力泵应固定及用硬管连接；</p> <p>4. The upper and lower acid tank (one) is controlled by the acid filling rate (using the liquid level closed loop automatic control) to ensure the upper acid tank level is constant and the excess acid overflow lower acid tank; The acid tank shall be provided with a sewage outfall</p> <p>5. 设备上下均设酸槽，上部酸槽（一个）根据灌酸速度控制进酸量（采用液面闭环自动控制），保证上部酸槽液面恒定，多余的酸溢流下部酸槽；上下部酸槽应设有排污口；</p> <p>6. The lower acid tank (one) is connected with the upper acid tank through the communication pipeline, when the acid reaches a certain height, it automatically supplies acid to the high tank; 下部酸槽（一个）通过连通管道与上位酸槽联结，当酸达到一定高度自动向高位槽供酸；</p> <p>7. Add acid pump ≥ 200 liters / minute, acid should have the corresponding indicator light is immortal does not allow access to the next action; 加酸泵≥ 200升/分钟，加酸应有对应指示灯，指示灯不灭不允许进入下一个动作；</p> <p>8. According to the different position of the acid port on the battery cover, it is convenient to change the acid mold quickly. 根据电池盖上加酸口位置的不同，产品加酸模具更换快捷调整方便；</p> <p>9. Can store more than 10 groups of acid technology in order to call. 可储存10组以上的加酸工艺以便调用。</p>	
三	Main parts主要零部件	
1	Pneumatic components: AIRTAC Solenoid valve: SHAKO 气动元件: AIRTAC; 电磁阀: SHAKO	
2	Gear motor: China make 减速电机: 国产	
3	Main electrical parts:: PLC (MITSUBISHI)、Touch screen (MITSUBISHI) 、、 主要电气元器件: PLC (MITSUBISHI)、触摸屏 (MITSUBISHI)	
四	Spare parts with machine随机配件	
	2pcs nozzle,2 meters latex pipe 注酸嘴2只; 乳胶管2米	
五	Necessary data from customer需客户提供资料	
	Battery outside drawing, battery cover drawing and battery material 电池外形图, 电池壳盖图和实物	
厂家确认回执(BUYER):		单位名称(章)(SELLER)