

金桥机械长期供应电镀切割线生产线设备-切割线电镀设备

产品名称	金桥机械长期供应电镀切割线生产线设备-切割线电镀设备
公司名称	张家港市金桥轻工机械有限公司
价格	面议
规格参数	品牌:JQ 型号:FDFB 用途:切割
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产品详情

切割线热处理电镀设备规范

【欢迎咨询： 联系人：徐滔

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电镀金刚砂切割线设备

theelectroplating diamond cutting line equipment specification

1、产品型号：jqx100

1. machine type：jqx100

2、用途：用于高碳钢丝制造金刚石线锯切割线的生产线

2. usage: production linehigh carbon steel wire manufacturing diamond wire cut line

3、设备尺寸：20000 × 1800 × 1600mm

3. equipment dimension: 20000 × 1800 × 1600mm

4、生产线径：0.10—0.40mm

4. production diameter: 0.10-0.40mm

5、生产线速：50m/min

5.line speed：1-20m/min

6、进线数量：单根进线

6.the number of the line: single into the line

7、放线盘：bs200

7. pay-off spool: bs200

8、收线盘：bs64、bs200

8. take-up spool:bs64、bs200

9、排线方式：盘动精密排线

9.traversing unit:plate motion precision line

10、设备plc控制，主传动采用伺服电机，全机运行平稳

10.plc control, main driving by servo motor, the machine run smoothly

11、总装机容量约为37 kw

11. total installed capacity is about 37 kw

12、主要部件循环泵均采用一用一备

12. main components of circulating pump are two, one use another standby

工艺流程：

放线—碱洗—水洗—酸洗—水洗—上砂—水洗—固砂—固砂—水洗—烘干—收线

process:

pay-off—caustic washing—washing—pickling—washing—overlying sand—washing

—sand consolidation—sand consolidation—washing—drying—take-up

特点：本设备为本公司自主研发的电镀金刚石切割线生产线，在国处于领先地位。整条生产线采用plc控制方式，在线镭射检测线径，图像在线检测观察清晰。我公司克服了原来老的工艺埋砂法，落砂法，研制了快速电镀物理上砂的方法，该方法具有上砂快，金刚石均匀程度比埋砂、落砂更理想，生产速度更快。

features : this equipment is the company independent research and development, which is in the leading position in domestic.thecompleteproduction line adopts plc control, online laser detection diameter,image line detection observed clear.our company overcome the old process buried sand, falling sand method,developed fast electroplating physical sand method,the method is fast on the sand, diamond uniform is more ideal than the buried sand, falling sand.

用金刚石线进行硅切片大大优于传统切割方式，主要优点如下：

a、切割速度是砂浆切割的2倍;b、无砂浆混合，无需建设砂浆回收系统;c、切割表面质量好;d、无peg和sic的危险废物产生;e、清洁高效生产.

silicon slices with diamond wire is much better than traditional cutting methods, the main advantages are as follows:

a.the cutting speed is 2 times the mortar cutting;

b. no mortar mixed mortar recovery system without construction;

c. cutting surface good quality;

d. no peg and sic hazardous waste generated;

e. clean and efficient production.

精密排线设备规范

precise wiring equipment specification

主要技术参数：

mechanical major specifications:

用途名称	合金异型线加工,金刚石线材收线
application name	alloy shaped line processing, diamond wire closing line.
进线范围	圆线：0.10 mm-0.40mm
inlet range	circle line：0.10 mm-0.40mm
出线线速	0—400米
outlet speed	0—400m
动力	2.2kw感应马达变频器控制,
power	2kw伺服电机一台,收线盘为活动式装制左右盘装线 2.2kw induction motor inverter control, 2kw servo motor, a movable system installed around the take-up reel disk assembly line
排线方式	卧式水平式排线，过线轮为一体式，耐磨材料

traversing unit	horizontal horizontal line, over the line wheel for one-piece, wear-resistant material
传动部分	伺服丝杆.联轴器.平形带
transmission parts	servo screw, coupling, flat belts.
卷取控制方式	变频张力缓冲杆, 伺服恒定张力, 自动演算修正控制卷取张力
coiling control mode	variable frequency tension buffer rod, servo constant tension, automatic calculation correction control winding tension
机体结构	钢板焊接而成型.经退火处理消除应力完成
machinestructure	steel plate welding and forming, after annealing treatment to eliminate stress
卷取轴盘尺寸	φs200 (可根据客户要求) 最大排线范围360mm
the take-up shaft size	φs200 (according to customer requirements) biggest row line range 360mm
上下轴方式	气动顶心螺杆紧迫式,附上下轴下线
bobbin loading & unloading type	shaft type
安全罩	传动区安全罩透气孔网状.卷取区安全罩全密闭式附有机玻璃检窗口
safety cover	safety cover breather hole mesh transmission area. coiling area safety cover all closed with organic glass window
控制	人机界面,全数字化控制.伺服电机
control	man-machine interface. full digital control. servomotor.

本产品的品牌是JQ, 型号是FDFB, 用途是切割, 工作形式是点焊, 驱动形式是气动, 电流是直流(A), 作用对象是金属, 焊接原理是冷焊, 动力形式是等离子, 作用原理是脉冲, 样式是抽头式, 加工精度是精密, 是否二手是全新, 产品别名是拉丝机, 电镀位置是浸镀, 镀种是镀镍系列, 适用范围是太阳能硅片切割