

## LINE DRAWING MACHINE SERIES 画线机系列

### SINGLE STATION

单工位伺服画线机



### DOUBLE STATION

双工位伺服画线机



### 产品特点 STANDARD FEATURES

- 专为日用陶瓷研发、制造的一款画线机，替代传统手工画线的制作方式，质量稳定，效率更高；
  - 采用智能人机界面及PLC可编程控制器，操作简单，精确度高；
  - 采用伺服电机驱动系统控制画线机械臂的运动轨迹和力度，绘制线条精细均匀；
  - 采用直线导轨运行，光电限位开关，使机械臂运行顺滑平稳；
  - 机器有两种模式可选，“横移模式”是画碗口，“上下模式”是画碗边；
  - 笔杆可前后、左右、上下、角度多功能调节；
  - 工作台配备工件感应装置，可根据工件的大小来调节感应距离；
  - 墨盆位置可以左右调节，墨水搅拌装置可以调节高低及速度快慢；
  - 相比传统的手工画线，伺服画线机能减少人力成本的同时，显著提升产品的整体质量和工艺精度。
- A line drawing machine specially developed and manufactured for daily ceramics, replacing the traditional manual line drawing method, with stable quality and higher efficiency.
  - Adopting intelligent human-machine interface and PLC programmable controller, the operation is simple and the accuracy is high.
  - The servo motor drive system controls the motion and force of the line drawing robotic arm, and draws fine and uniform lines.
  - Using linear guide rail operation and photoelectric limit switch to ensure smooth and stable operation of the robotic arm.
  - The machine has two modes to choose from, the "horizontal mode" is to draw the bowl mouth, and the "up and down mode" is to draw the bowl edge.
  - The pen holder can be adjusted with multiple functions, including front and back, left and right, up and down, and angle.
  - The workbench is equipped with an induction device that can adjust the induction distance according to the size of the workpiece.
  - The position of the ink basin can be adjusted left and right, and the ink mixing device can adjust the height and speed.
  - Compared to traditional manual line drawing, servo line drawing can reduce labor costs while significantly improving the overall quality and process accuracy of products.

### 规格参数 SPECIFICATION PARAMETERS

单工位画线机 Single Station		双工位画线机 Double Station	
画线尺寸 / Line Size	60~300mm	画线尺寸 / Line Size	60~300mm
画线速度 / Line Drawing Speed	1500~2000pcs/hr	画线速度 / Line Drawing Speed	1200~1600pcs/hr
重量 / Weight	80kg	重量 / Weight	150kg
机器尺寸 / Machine Dimensions	540×700×1600mm	机器尺寸 / Machine Dimensions	1745×700×1678mm
电源 / Power Supply	220V 50/60Hz 1.0kW	电源 / Power Supply	220V 50/60Hz 2.0kW



▲ 伺服画线机械臂 Servo Line Drawing Robotic Arm



▲ 双工位工作台 Dual Workstation Workbench