

# 单焊炬管道全自动焊机

## Automatic Welding Machine(Single)

### 产品应用 Product Application

用于管道根焊、热焊、填充焊及盖面焊等自动焊接。

The products are widely used in pipe root welding, hot welding, filling welding, cover welding and other automatic welding.

### 产品连接示意图 Product Connection Diagram



### 产品特点 Features

- 单焊接小车重量轻、防尘性好、装夹便捷。轨道采用齿条结构，小车采用齿传动行走设计，行走稳定、精度高。
- 控制器按键凸出设计，功能独立，便捷易用。
- Single welding trolley has the advantages of light weight, good dust-proof and convenient clamping, The track adopts rack structure, the trolley adopts gear drive walking design, Walking stability, high precision.
- Controller keys are protruding design, independent function, convenient and easy to use.

焊接小车可实现左右位置智能切换，焊炬直摆与角摆可自由切换，适应能力强，能够有效提高不同工艺的焊接质量。

Trolley can realize intelligent switching of the left and right position, straight swing and angle swing of welding torch can be switched freely. Strong adaptability, can effectively improve the welding quality of different processes.



采用可视化触摸屏，用于焊接参数的显示、设定、修改与存储。支持数据的上传和下载，系统支持 20 种以上工艺参数的存储与调用，人性化操作界面，易学易用。

Adopts visual touch screen, used for welding parameter display; setting; modification and storage. Support data uploading and downloading, support for storage and invocation more than 20 process parameters. Humanized operation interface, easy to learn and to use.

焊接过程中，不同角度焊接参数随着焊接位置的变化而改变，圆周中各节点参数均由焊机控制系统自动调节，可实现整个焊接过程中参数的自动调整。

In the welding process, the welding parameters of different angles are changed with change of welding position. The parameters of each node in the circle are automatically adjusted by the control system of welding machine, it can realize automatic adjustment of parameters in the whole welding process.



### 性能参数 Performance Parameter

行走速度 Traeling Speed	0-1500mm/min	重量 Weight	10kg
送丝速度 Wire Feed Speed	0-2500mm/min	焊丝直径 Wire Diameter	0.8-1.2mm
左右摆动行程 Swing Travel	50mm	驱动形式 Driving Form	齿轮啮合 Gear Mesh
高低调节行程 Adjustment Travel	50mm	适应温度 Adaptive Temperature	-40°C—70°C
摆动方式 Swing Way	直摆 / 角摆 straight/Angle	适应管径 Pipe Diameter	≥ 273mm
摆动频率 Swing Frequency	0-5hz	适应空气湿度 Air Humidity	90%
外形尺寸 Sizes	350*310*370	适应海拔高度 Adaptive Altitude	0-4000m

控制器按键凸出设计，功能独立，便捷易用。

Controller keys are protruding design, independent function, convenient and easy to use.

铝合金包装箱，重量轻、强度高、结构紧凑便于搬运和存放。内含焊接小车、控制箱、控制器、连接线、说明书、随机工具及附件。

Aluminum alloy packing case, light weight, high strength, compact structure, easy to carry and store. It contains welding tractor control box, controller, connecting line, specification, random tools and accessories.

