

PT140系列自动翻面去毛刺机

PT140 Deburring Machine with Automatic Turnover Module



设备介绍 Machine Overview

设备针对平面零件双面自动去毛刺设计。采用湿式去毛刺且自动翻面，运行过程中多动力头同时工作，动力头采用多盘刷公转自转复合运动及伺服升降控制。可均匀有效去除平面上多部位毛刺并形成均匀的圆角，自动补偿，可实现无人化操作。与前道工序自动化连线，可高效稳定去除双面铣、双面磨等典型工序所形成的毛刺。

This equipment is specific to sharp-edge burrs of parts on the single face or double faces that are formed after double surface milling and or grinding. It adopts multi-technology and multi powerheads, integrating the design of wet deburring and cleaning. The multi powerheads are controlled independently and could run at the same time. The powerheads are equipped with abrasive belt or multiple disk brushes, with servo lifting control. This machine efficiently removes the burrs on plane which are located on multiple positions, forms uniform radius, and compensates automatically. It is achievable for single-surface double surface deburring needs of large parts.

优点

- ◎ 工艺先进，能有效去除小孔孔口残留丝状毛刺，去毛刺有效率高，可降低耗材损耗30%
- ◎ 精度高，可控制圆角大小，不改变去毛刺平面形位公差
- ◎ 生产效率高，生产节拍可至1s/pc
- ◎ 输送带驱动合理、可靠，使用寿命长，更换方便
- ◎ 退磁设备功率小、退磁效果好，剩磁低于2高斯
- ◎ 自动连续翻转

Highlights

- ◎ The machine has advanced technology, which effectively removes the remaining burrs inside pinholes. It is highly efficient in deburring, saving consumables by 30%.
- ◎ It is operated with high precision and perfect radius control. And it doesn't change either geometric or dimensional tolerance.
- ◎ High production efficiency. The processing speed can be set to 1spc.
- ◎ The conveyor belt drive is precisely and reliably powered. It has long service life and easy to change.
- ◎ The equipped demagnetizing apparatus is of low power consumption. Excellent performance of demagnetizing with lower than 2 gauss.
- ◎ Continuous automatic turning.

技术参数 Technical Specifications

指标 Index	参数 Parameter
外形尺寸 Dimensions	3200mm x 1200mm x 2100mm
设备工作环境 Working Environment	0℃-55℃
供电电源电压 Power Supply Voltage	380±10% AC
供电电源频率 Power Supply Frequency	50Hz
总功率 Total Power	15Kw
输送带速度 Conveyor Speed	1m/min-6m/min
公转速度 Revolution Speed	50rpm-120rpm
自转速度 Rotation Speed	800rpm-1600rpm
最大零件加工宽度 Workpiece max Width	140mm
最大零件加工厚度 Workpiece max Thickness	100mm

适用加工零件 Applications



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