

小型智能立体点胶点钻机器人

Small Intelligent Stereoscopic Dispensing and Inlaid Stone Robot



产品特点 Product Features



- 配备视觉辅助系统，快速示教；

Device is with a vision system which can be taught fast;

- 自动对针，操作简单，精度高；

Needle aligns automaticly and precisely.It' s easy to be operated.

- 支持多种大小型号钻石加工；

Support to process various kinds of stones;

- 支持文件拷贝多机共享，快速批量化生产；

Files can be copied and shared on multiple machines, to achieve to achieve fast batch production;

- 点钻速度8000-10000粒/小时；点胶速度30000点/小时

Inlaying Speed up to 8000-10000 cph;

Dispensing Speed up to 30000 cph.

- 能够满足市面珠宝首饰、钟表、金属、塑料制品、木制品360度立体弧面的粘钻生产加工；

Can meet the production processing need of jewelry, watches, hardware, plastics and woodwork inlay on a 360° stereoscopic cambered surface;

- 具有快速做模的优势，随机配送特制做模胶泥，可快速做模；胶泥持久耐用，不变形；

Have a strength of making moulds quickly. Specially-made moulding cement will be attached randomly, which can be quickly moulded; the cement is durable and not easy to be deformed;

- 一台设备可替代4-8个人，为整个饰品行业的生产加工节省大量的人力资源。

One piece of Device can replace 4-8 people, saving a lot of human resources for the production and processing of the entire jewelry industry.

应用行业 Application Industry

适用于立体镶嵌水钻、异形钻等饰品生产工艺，如：钟表、发夹、皇冠、压夹、青蛙夹、耳环套链、一字夹、爪子、发圈、塑胶爪子、圆珠等等。

Suitable for stereoscopic inlay rhinestones,shaped Stones and other jewelry production process, such as watches, hair clips, crowns, pressure clips, frog clips, earrings, one-piece clips, claws, hair rings, plastic claws, bead, etc.



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规格参数 Specification Parameters

设备名称 Device Name	小型智能立体点胶点钻机器人 Small Intelligent Stereoscopic Dispensing and Inlaid Stone Robot	设备型号 Device Model	XZ3T-DV-V1
点钻速度 Inlaid Stone Speed	理论条件 8000-10000CPH Theoretical Speed 8000- 10000CPH	点胶速度 Dispensing Speed	理论速度30000CPH Theoretical Speed 30000CPH
点钻精度 Inlaid Stone Accuracy	±0.02mm	主操作系统 Main Operating System	64位Windows系统 64 Bits Windows
设备尺寸 Machine Size	750mm*700mm*1400mm	工作电源 Working Power	AC220V/50HZ
包箱尺寸 Package Size	1010mm*860mm*1580mm	额定功率 Power Rating	3.2KW
床身结构 Machine Tool Structure	悬臂结构 Cantilever Structure	吸钻头数量 Number of Suction Nozzle	3 吸嘴 3 Nozzles
传动方式 Transmission Mode	研磨级丝杆 Grinding Screw	控制系统 Control System	总线控制 Bus-Mastering
驱动系统 Drive System	高精伺服驱动系统+步进电机 High Precision Servo Drive System+Stepping Motor	X/Y/Z有效行程 X/Y/Z Effetcive Travel	X1:200 X2:280 Y:300 Z:90 (mm)
操作方式 Operation Method	触摸屏+手持数字键盘 Touch screen / Handheld numeric keypad	工作气压 Working Air Pressure	80psi (0.6Mpa)

★ 注：生产厂家有权根据设备的研发、使用要求更改部分配置。

Note : Manufacturer has right to change some configurations according to equipment r&d and use requirements.