



山东工匠智能设备有限公司

—Shangdong Craftsman Smart Equipment Co., Ltd.



沃壤千里成就伟业

源源流长赢得未来

山东工匠智能
设备有限公司

山东工匠智能设备有限公司是一家专业从事智能设备二十余年的大型生产厂家。现位于山东省济南市中国机床产业园区，占地面积60000余平方米。公司拥有完善的销售、技术、服务团队，骨干人员均来自数控机床行业知名企业，具有多年丰富的自动化设备生产与研发经验，深受行业客户和伙伴的支持和信赖，为广大用户带来了便捷、安心的售后服务。

机床上下料事业部 现公司与机床配套应用的衍生多功能翻板机及自动化生产线为核心业务。

非标智能事业部 抓取、搬运、码垛机械手等专用设备的研发和生产。

本公司关注中小型企业的痛点、难点，全心致力于中小型企业的整厂规划方案，多机连线。为更多工厂提升生产自动化和智能化水平，提升设备制造能力，提高生产效率，摆脱对技术工人的依赖，降低企业投资风险和生产成本。

Shandong Craftsman Smart Equipment Co., Ltd. is a large-scale manufacturer specializing in smart devices for more than 20 years. It is now located in China Machine Tool Industrial Park, Jinan City, Shandong Province, covering an area of more than 60,000 square meters. The company has a complete sales, technical and service team. The key personnel are all from well-known enterprises in the CNC machine tool industry. They have many years of rich experience in automation equipment production and research and development. They are deeply supported and trusted by industry customers and partners, bringing convenience to the majority of users. , Peace of mind after-sales service.

Machine tool loading and unloading business department The core business of the company is the derivative multifunctional turning machine and automatic production line that are used in conjunction with machine tools.

Non-standard Intelligent Business Department R&D and production of special equipment such as grasping, handling, and palletizing manipulators.

The company pays attention to the pain points and difficulties of small and medium-sized enterprises, and is fully committed to the whole plant planning scheme of small and medium-sized enterprises, and multi-machine connection. Improve the level of production automation and intelligence for more factories, improve equipment manufacturing capabilities, increase production efficiency, get rid of dependence on skilled workers, and reduce enterprise investment risks and production costs.



Technical Parameters

轴数 (Number of axes)	4轴 (Two axis)
设备重量 (Equipment weight)	1500kg
设备高度 (Equipment height)	3m
升降行程 (Lifting stroke)	1.7m
伸出臂长 (Arm length)	2.7m
负载 (Load)	100-150kg
额定电压 (Rated voltage)	220v
供气压力 (Air supply pressure)	0.55mpa
旋转半径 (Radius of rotation)	3.3-4.9m

产品简介 (product introduction)

四轴立柱机器人是根据木工设备用户开发的一款专项作业机器人，适用于木工开料机板材的装卸，该机器人系统效率高、稳定性高、结构简单、维护更方便，可满足不同类型产品的生产。对于用户来说，可以快速调整产品结构、扩大产能，并可以大大减轻产业工人的劳动强度。(Four-axis robot can realize automatic loading/unloading, workpiece flipping, and workpiece reordering for workpieces such as discs, long shafts, irregular shapes, and metal plates. Good rigidity, stable operation and convenient maintenance.)

此设备具有以下优势:

- 占地面积更小;
- 负载能力更强;
- 可扩展性强，并且能够同时服务多台设备;
- 总线系统、总线绝对值电机、抗干扰能力强;
- 开机不用回原点，传出速度更快、标配示教器;
- 节约离线编程时间。

This device has the following advantages:

- Smaller footprint;
- Stronger load capacity;
- Strong scalability, and able to serve multiple devices at the same time;
- Standard automatic sheeting system;
- Bus system, bus absolute value motor, strong anti-interference ability,
- no need to return to the origin when starting up, faster transmission speed, standard teaching pendant,
- saving offline programming time.



合作共赢

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