

MULTI-WIRE SAW

多线切割机YJ-XQS7120A

本机器主要用于将金属材料、水晶、石英、单晶硅、磁性材料等各种硬、脆性材料切割分解成条状，可达到提高切割精度，提高工作效率，节省原材料，减少下道工序工作量的目的。本机器操作简单，通过简单的按钮操作即可运行，并通过操作面板作业速度、进给量等相关参数。

This machine cuts hard and brittle materials like metal, crystal, quartz, and silicon into strips. It improves cutting accuracy, efficiency, saves materials, and reduces workload. Easy to operate with buttons, and parameters like speed and feed rate are adjustable via the panel.



金属材料



磁性材料

设备特点

- 主轴采用伺服直驱，实现高速切割，最大速度达1500m/min;
- 采用国际先进的伺服系统成套解决方案，系统性能稳定可靠;
- 采用双工位设计，满足大产能切割需求，工作台前后位置可调，可调行程50mm;
- 采用伺服电机控制张力大小，可实现张力调节精度达± 0.5N;
- 机器表面采用进口油漆处理，不掉漆、不退色;
- 切割室和收放线室采用独特密封方式，确保切割液不外漏;
- 特有的7导轮导线布局，采用轻质大导轮，大大提高走线稳定性，减小断线可能性;
- 切割室与底座采用一体式铸造成型，结构强度高，稳定性好。

MAIN TECHNICAL FEATURES

- The spindle uses a servo direct drive for high-speed cutting, with a maximum speed of 1500 m/min.
- Stable servo system is and equipped.
- Designed with dual workstations for high-production cutting, the worktable's forward and backward positions are adjustable with a 50 mm travel range.
- Wire tension controlled by servo motor. Tension precision is within± 0.5N.
- Imported paint ensures the surface of the machine no paintingand no fading.
- Unique sealing methods of the cutting room and wire supply room ensures the oil slurry is not leaking.
- Unique 7-guide wheel wire layout using lightweight large guide wheels, significantly improving wire stability and reducing the likelihood of breakage.
- The cutting chamber and base are integrally cast, ensuring high strength and stability.

主要技术参数 MAIN TECHNICAL SPECIFICATIONS

项目/Items	规格/Specs
最大可切断的工件尺寸(Maximum workpiece size)	60x360x1800mmx2工位
外径*线槽宽度(Outer diameter*wire groove width)	Φ130~Φ150mmx1800mm
主轴间距(Spindle spacing)	560mm
钢丝线使用线径(Wire diameter)	Φ0.15~Φ0.35mm
钢丝线轴贮线量(Wire spool storage capacity)	20 km×1卷
罗拉轴数(Number of Lola shafts)	5轴(5-axis)
切割速度(Cutting speed)	1500m/min
工作台升降行程(Table lifting stroke)	420mm
切削进给速度(Cutting feed rate)	0.01~200mm/min
快送进给速度(Fast feed rate)	50~200mm/min
工作台前后移动行程(worktable longitudinal travel)	50mm
机器外形尺寸(Size)	4780*3150*3350mm
机器重量(Weight)	~20000Kg