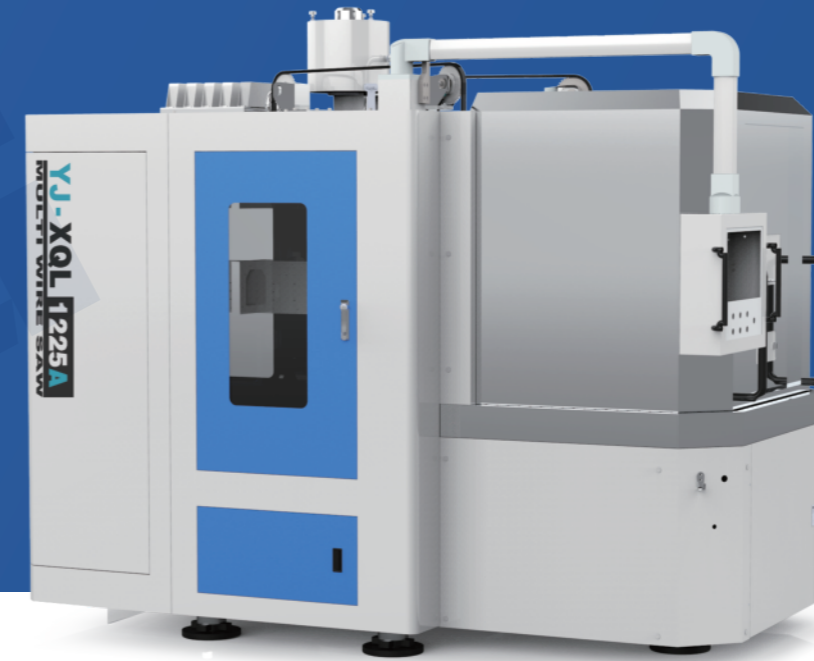


MULTI-WIRE SAW

多线切割机YJ-XQL1225A

本机器主要用于将宝石、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。

The machine is mainly used to cut and decompose all kinds of hard and fragile materials such as gemstones, crystal, quartz, monocrystalline silicon and magnetic materials into strips, so as to improve cutting accuracy, improve work efficiency, save raw materials and reduce the workload of the next process. The machine is easy to operate using simple button operation.



切割前



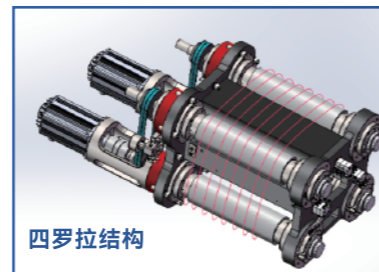
切割后

设备特点

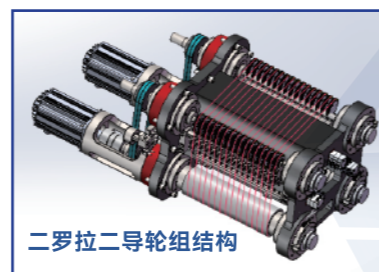
- 实现高速切割，切割速度达1500m/min;
- 采用国际先进的汇川伺服系统成套解决方案，系统性能稳定可靠;
- 工作台前后位置可调;
- 采用伺服电机控制张力大小，可实现张力调节精度达± 0.5N;
- 机器表面采用进口油漆处理，不掉漆、不退色;
- 切割室和收放线室采用独特密封方式，确保油砂不外漏;
- 采用我公司专利技术，解决切割室与收放线室线砂分离，延长导轮寿命;
- 采用“L”型布局特有的8导轮导线方式，并采用轻质大导轮，大大提高走线稳定性，减小短线可能性。

MAIN TECHNICAL FEATURES

- Achieve high-speed cutting which up to 1500 m/min.
- The machine adopts stable INOVANCE servo system.
- Adjustable worktable is used.
- Wire tension controlled by servo motor. Tension precision is within ± 0.5N.
- Imported paint ensures the surface of the machine no painting and no fading.
- Unique sealing methods of the cutting room and wire supply room ensures the oil slurry is not leaking.
- The patented technology of our company is adopted to solve the separation of wire and sand between the cutting chamber and the take-up and take-off chamber, and to prolong the life of the guide wheel.
- 8 L-shaped guide is used.



四罗拉结构



二罗拉二导轮组结构

特别适合5~60mm厚片的金刚线切割

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)	600×300×180mm
外径*线槽宽度(Outer diameter * wire groove width)	Φ155 ~ Φ175×600mm
使用线径(Wire diameter)	Φ0.12 ~ Φ0.25mm
循环次数(Number of cycles)	往返最大6次/分钟(Up to 6 times/min)
切割线速度(Cutting line speed)	≤1500m/min
切片厚度(Thickness of ingot)	2 ~ 50mm
切削进给速度(Cutting feed rate)	0.1 ~ 200mm/min
快送进给速度(Fast feed rate)	50 ~ 200mm/min
满载功率(Full-load power)	60KW
机器外形尺寸(Size)	3340×1930×2770(mm)
机器重量(Weight)	~8000kg