

MULTI-WIRE SAW

多线切割机YJ-XQL921G

本机器主要用于硅片、玻璃等各种硬、脆性材料切割分解成片状，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。

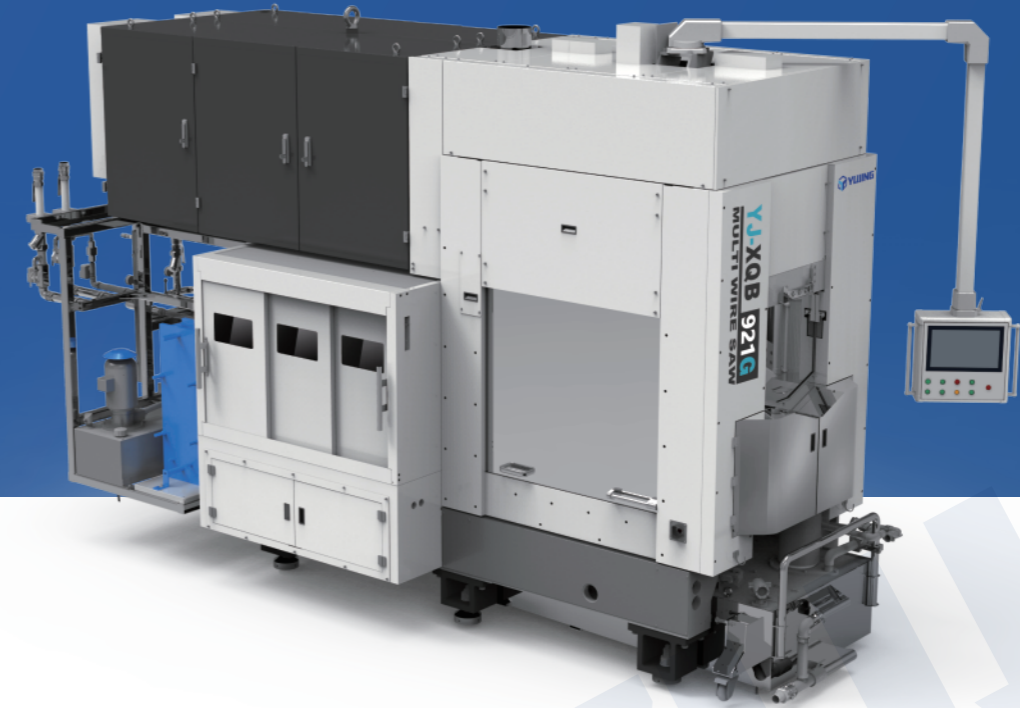
The machine is mainly used for cutting and decomposing all kinds of hard and fragile materials like silicon wafer and glass, which can improve cutting precision, improve work efficiency, save raw materials and reduce the workload of the next process.



太阳能电板



光伏硅片



设备特点

- 实现高速切割，切割速度达2400m/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;
- 四档轴距可调，实现对不同尺寸硅棒的兼容性切割;
- 采用伺服电机控制张力大小，可实现张力调节精度达± 0.3N;
- 机器表面采用进口油漆处理，不掉漆、不退色;
- 砂浆缸容积700L，标配自动清洗与提料喷淋装置;
- 采用我司专利断线保护装置，反应灵敏，大幅减小断线后对线网及罗拉的损伤;
- U型导轮布局，采用大规格直径、少数量的导轮布局，导轮数量仅6个。

MAIN TECHNICAL FEATURES

- Achieve high-speed cutting which up to 2400m/min.
- Stable servo system is equipped.
- The four-speed wheelbase is adjustable to achieve compatible cutting of silicon rods of different sizes.
- Wire tension is controlled by servo motor. Tension precision is within ± 0.3N.
- Imported paint ensures the surface of the machine no painting and no fading.
- The volume of the mortar tank is 700L with automatic cleaning and material lifting spray devices.
- Our patented wire breakage protection device can greatly reduce the damage to the wire and roller after wire break.
- Equipped with 6 pieces of big pulleys.

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)	230x230x900mm
罗拉外径×间距(Roller outer dia.*Effective width)	Φ170~180×410mm
使用线径(Wire diameter)	Φ0.02~Φ0.04mm
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)	≤2400m/min
升降行程(Table lifting stroke)	≤330mm
切削进给速度(Cutting feed rate)	0.1~10mm/ min
快送进给速度(Fast feed rate)	0~300mm/min
满载功率(Full-load capacity)	平均功率: 120KW(MAX :260KW)
机器外形尺寸L×W×H(Size)	4710mm×2020mm×3105mm
机器重量(Weight)	15000kg