

WSK000

蓝宝石切割机

W.S.K.000_Sapphire_Slitting_Machine



主要技术参数 Specifications and technical parameters

规格 Specification	300mm
长度 Length	3000mm
厚度 Thickness	>0.2mm

主要参数 Main parameters

导轮直径 Guide wheel diameter	220mm
导轮轴距 Guide wheel base	440mm
导轮长度 Guide wheel length	366mm
导轮间距 Guide wheel spacing	500mm (300mm)
导轮轴间距 Guide wheel base	1000mm (2000mm)
摇摆角度 Swinging angle	±12°
切割方向 Cutting direction	沿导轮轴间距(即XY轴)切割
存储长度 Storage length	>20mm
水箱容量 Water tank capacity	120L

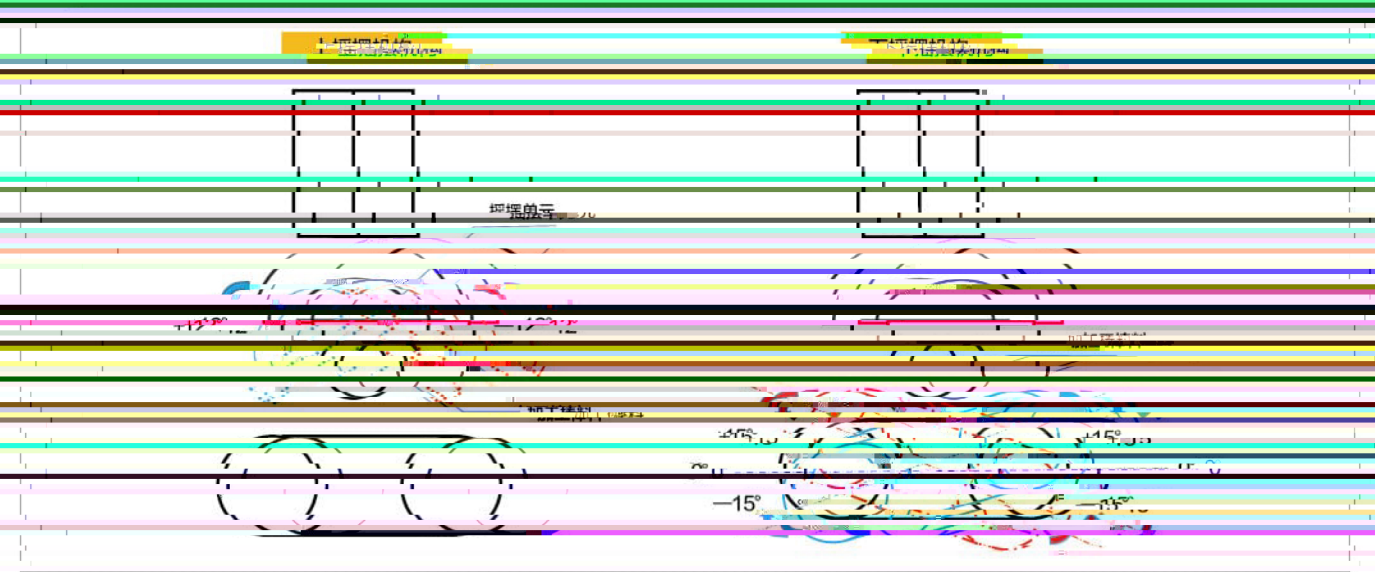
能源参数 Energy parameters

电源连接 Power connection	220/380V 3PH 50Hz
平均功率 Average power	35kW
导轮电机 Guide wheel motor	10-15kW

外形尺寸 Appearance size

机床外形尺寸(长x宽x高) Equipment size (L*W*H)	1600x2100x2300mm
机床重量 Weight	12000kg

示意图 Schematic



设备用途 Application

- 本机床用于切割蓝宝石、陶瓷、氧化铝、氧化锆、碳化硅、硅、锗、石英玻璃、陶瓷、蓝宝石晶体等。
- 机床所有电器元件均采用国际知名品牌，保证机床的稳定性。
- 采用西门子的控制技术，运行稳定。
- 电控柜配备温度监控系统，保证元件的使用寿命。
- 设备具备摇摆功能，可切割倾斜工件，为电子金刚石线切割机显示的功能，缩短了切割时间，并提高了晶片的质量。
- 滑轮数量最少化设计（仅6个滑轮），减少切割辅助时间。

Application features

- This machine is used for cutting sapphire, ceramic, alumina, zirconia, silicon carbide, silicon, germanium, quartz glass, ceramic, sapphire crystals, etc.
- All electrical components are adopted from international brands to ensure the stability of the machine.
- Apply integrated PLC of SIEMENS electrical control system, stable operation.
- The electric control cabinet is equipped with independent temperature control system to ensure the normal operation of each electrical component.
- The equipment has a swinging function, which can cut inclined workpieces, which is a function of the diamond wire cutting machine, which shortens the cutting time and improves the quality of the crystal.
- Minimal design number of rollers, only 6 rollers, which can reduce the auxiliary time.