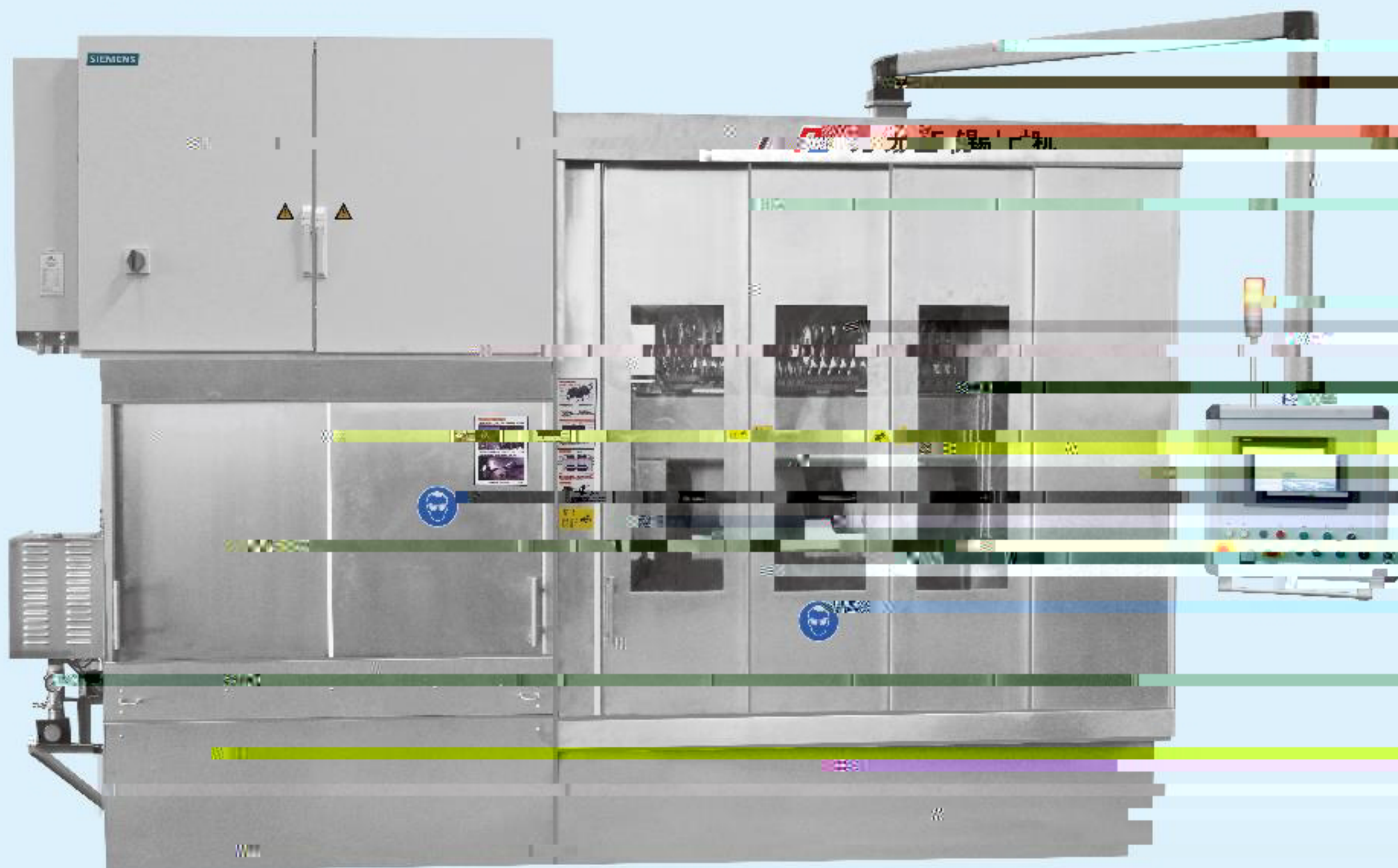


WSK026

数控金刚线蓝宝石开方机

WSK026 CNC cylindrical plain grinding machine for 2-200mm



加工工件参数 Workpiece parameters

工件规格 Size of workpiece

工件重量 Weight

主要参数 Main parameters

金刚线直径 Diameter of diamond wire

金刚线数量 Quantity of bar/wire

线间距 Space between wire

工件转速 Spindle rotational speed

加速度 Acceleration

线速度 Line speed

摇摆角度 Swing angle

摇摆速度 Swing speed

工件朝向 Workpiece orientation

切割方向 Sliding direction

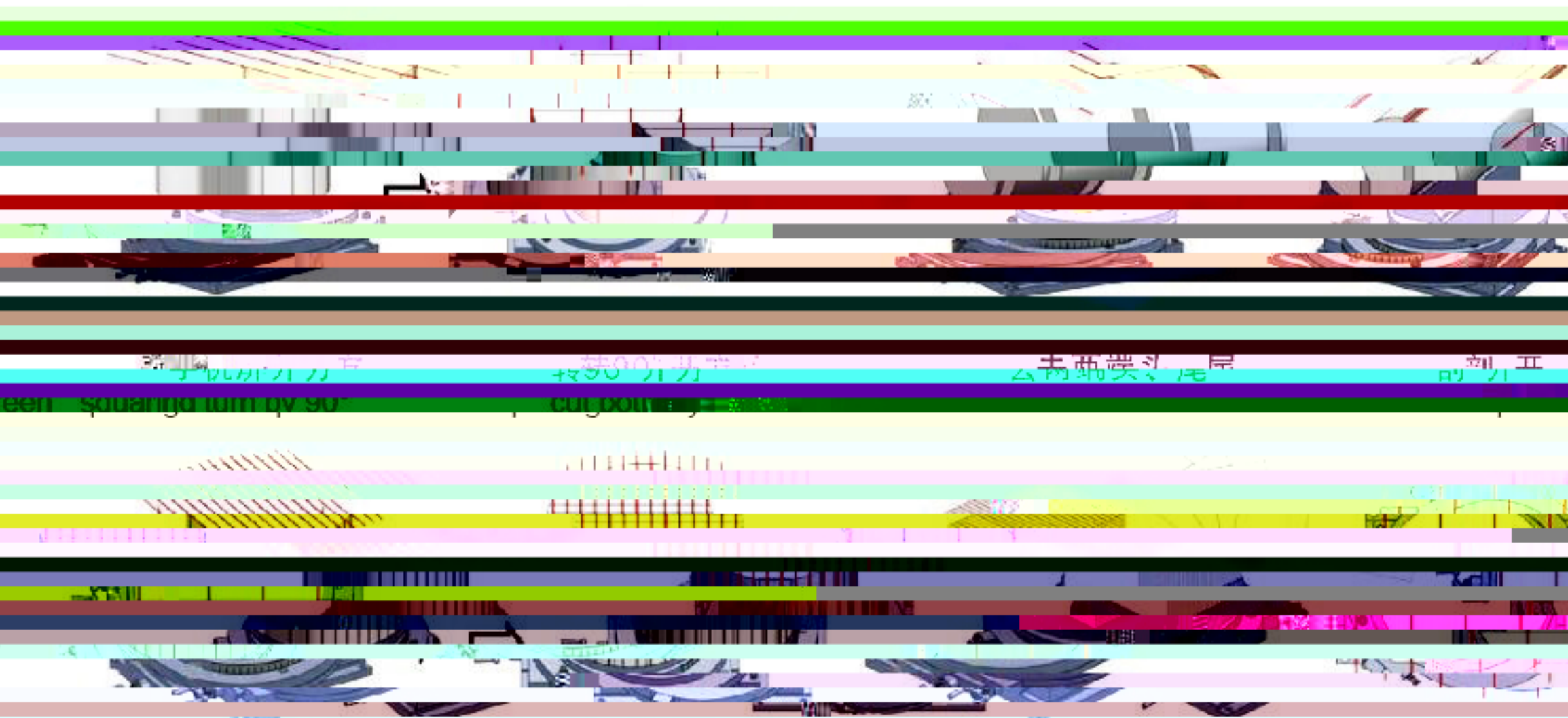
电源供给及配套设施 Power supply and auxiliary facilities

电源要求 Requirement of power

冷却水流量要求 Cooling water flow rate

周围环境温度 Environment temperature

设备切割示意图 Cutting sketch map



- 本设备为金刚线多线开方机，主要应用于新能源行业蓝宝石锭的开方、切视窗片以及半导体行业硅棒、多晶硅锭的开方，是新能源的重要配套设备。
- 采用西门子控制技术的机电一体化设计，15寸触控屏。
- 设备布局合理，机械强度高且热稳定性好，整体外观采用全封闭不锈钢设计。
- 摇摆单元优化了金刚线切割效率，缩短了切割时间，并提高了切割精度，减少了砂轮数量的设计，更有效地降低线耗、降低材料成本。

- 模块化组合，上下工作台都可进行360°的旋转，方便切割任意尺寸。
- 通过调整切割轮上的线宽，方便切割各种尺寸的来料。
- 优化了切割轮的冷却系统设计，提高了切割效率和效率。
- 利用操作手柄，可以快速布置线网，缩短了设备待料时间，减少人员管理成本。
- 采用双工位，多工位设计，以及灵活的线网布置，可应用于蓝宝石的开方以及切片和抛光，切割视窗玻璃等功能。

- This equipment is diamond wire saw squarer, applied to New Energy industry processing JET Sapphire ingots, cutting windows, semiconductor silicon rods and polycrystalline silicon rods and used in semi-conductor industry, square silicon rods and polycrystalline ingots, which is the main equipment for new energy industry.
- Apply integrated PLC of SIEMENS controlling system, 15" touch screen.
- Reasonable layout, high mechanical strength and perfect thermal stability. Overall appearance applies full-closed stainless steel design.
- Swing unit optimizes performance of slicing sapphire, shortening time and improving accuracy of rotation, reducing quantity of pulleys, which reduces consumption of abrasives and pulleys.
- The equipment can not only rotate 360° but also rotate the slice can be cut in horizontal or vertical position and rotate the slice whatever size.
- By regulating depth or wire on cutting wheel, slice with any size or block.
- Optimized tension control system, high-tension slicing, ensuring quality and efficiency of squaring.
- Use operating handle, fast layout cable, shortening time of standby and reducing management cost.
- Apply double station, multi-position design, flexible layout, which is used in squaring, slicing and cutting.