

*Reliable, Trustable,
Responsible.*



Reliable

Reliable quality products

Trustable

We put our reputation in first position

Responsible

What we promise what we do.

We believe, we can, we just do it.



Suzhou Gudwill Grinding Technology Co., Ltd.

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Gudwill focus on grinding technology,
One-stop solution for
your grinding requirement.

DUPLEX GRINDING MACHINES

DSG700E

Duplex grinder

双面研磨机



主要技术参数 Main technical parameters

砂轮盘尺寸 (mm)	Grinding wheel size	700×300×55(CBN厚度Thickness5mm)
最大加工工件直径(mm)	Max Diameter of workpiece	180
上盘电机功率 (kW)	Motor power of upper plate	5.5
上盘转速 (r/min)	RMP of upper plate	5~60
下盘电机功率 (kW)	Motor power of lower plate	5.5
下盘转速 (r/min)	RMP of lower plate	5~60
内环电机功率 (kW)	Motor power of inner ring	3
内环转速 (r/min)	RMP of inner ring	5~40
进气压力 (MPa)	Inlet pressure	0.6
机床外形尺寸L×B×H(mm)	Machine overall dimension	4150×1900×2230
机床重量 (kg)	Machine weight	3000
典型工件	Typical workpiece	空调压缩机阀片 AC compressor valve block
平行度	Parallelism	0.001mm
平面度	Flatness	0.001mm
等高度	Equal altitudes	0.002mm
表面粗糙度	Surface roughness	Ra 0.2 μm

应用领域 Application area

适合批量研磨零件的平面。适用于液压气动元件、液压马达部件、汽车转向泵零部件、制冷压缩机零部件、油泵油嘴零部件、发动机零部件、高精密封件、密封件、活塞环、量刃具、模具、仪表、硬质合金刀片、陶瓷滤芯、单晶硅片、磁性材料等产品的双面研磨加工。

It's suitable for parts plane grinding in batches. Application of double side grinding in hydraulic pneumatic components, hydraulic motor parts, car steering pump parts, refrigeration compressor parts, oil pump and oil mouth parts, engine parts, high precision bearings, seals, piston rings, measuring tools, mold, instrument, carbide blade, ceramics, monocrystalline silicon piece, magnetic materials and other products.

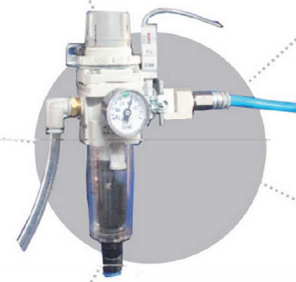
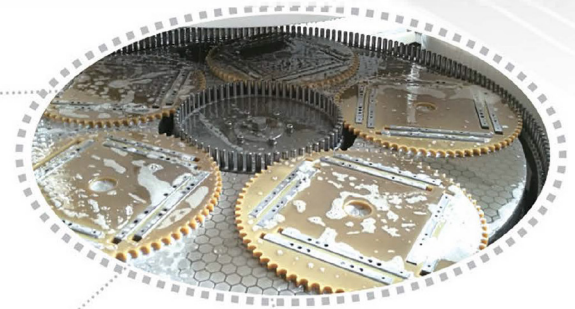
机床特点 Machine characteristic

- 高强度铸铁床身 High-strength cast iron machine bed
- 加工前预检测 Detection before processing
- 三个独立可调的电机 Three independently adjustable motors
- 三段压力气动控制 Three stage pressure pneumatic control
- 人机界面操控 HMI control
- 故障自诊断 Fault diagnosis
- CBN砂轮研磨 CBN grinding wheel
- 在线尺寸测量 Online dimension measurement
- 半自动上下料 Semi automatic loading and unloading

DSG1000E

Duplex grinder

双面研磨机



主要技术参数 Main technical parameters		
砂轮盘尺寸 (mm)	Grinding wheel size	970×380×55(CBN厚度Thickness5mm)
最大加工工件直径 (mm)	Max. Diameter of workpiece	330
上盘电机功率 (kW)	Motor power of upper plate	7.5
上盘转速 (r/min)	RMP of upper plate	5~50
下盘电机功率 (kW)	Motor power of lower plate	7.5
下盘转速 (r/min)	RMP of lower plate	5~50
内环电机功率 (kW)	Motor power of inner ring	3
内环转速 (r/min)	RMP of inner ring	5~40
进气压力 (MPa)	Inlet pressure	0.6
机床外形尺寸L×B×H(mm)	Machine overall dimension	3060 × 2290 × 2590
机床重量 (kg)	Machine weight	5000
典型工件	Typical workpiece	空调压缩机阀片 AC compressor valve block
平行度	Parallelism	0.001mm
平面度	Flatness	0.001mm
等高度	Equal altitudes	0.002mm
表面粗糙度	Surface roughness	Ra 0.2 μm

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